Faculty of Vocational Studies

SYLLABUS

of

Bachelor of Vocation

Textile Design & Apparel Technology

Semester- I-VI

(Under Credit Based Continuous Evaluation Grading System)

Session: 2023-2024



The Heritage Institution

KANYA MAHA VIDYALAYA JALANDHAR

(Autonomous)

SCHEME AND CURRICULUM

Programme: Bachelor of Vocation (Textile Design & Apparel Technology) Credit Based Continuous Evaluation Grading System (CBCEGS) (Session 2023-2024)

Bachelor of Vocation (Textile Design and Apparel Technology) Semester-I								
Course Code	Course Type	Course Title	Credit	Marks			CA	Examination (Hrs)
				Total	L	P		
BVTL-1421 BVTL-1031 BVTL-1431	С	Punjabi (Compulsory) 1.Basic Punjabi 2.Punjab History and Culture	4	100	80		20	3 Hrs.
BVTL-1102	С	Communication skills in English	4	100	80	-	20	3+3Hrs
BVTL-1233	S	Concept of Fashion	2	50	40		10	3 Hrs.
BVTM-1234	S	Basics of Design and illustration	4	100	50	30	20	3 +3Hrs.
BVTM-1125	S	Computer Fundamentals	4	100	50	30	20	3 +1Hrs
BVTP-1236	S	Sewing Techniques –I	4	100	-	80	20	4 Hrs.
BVTP-1237	S	Health Safety and Maintenance	4	100	-	80	20	3 Hrs
AECD-1161	AC	*Drug abuse: Problem, Management and Prevention	2	50	40		10	3 Hrs
SECF-1492	AC	*Foundation Course	2	50	40		10	
	AC	*Foundation Course Total	30	50 700	40	-	10	

^{1.} Special paper in lieu of Punjabi (Compulsory)

C-CompulsoryS-Skill Enhancement

^{2.} Special paper in lieu of Punjabi (Compulsory) (For those students who are not Domicile of Punjab)

^{*}Credits/Grade points of these courses will not be included in the SGPA/CGPA of semester/ Programme

Bachelor of Vocation (Textile Design & Apparel Technology), Semester - II								
Course Code	Course Type	Course Title		Marks		CA	Examination (Hrs)	
			Credit	Total	L	P		
BVTL - 2421 BVTL-2031 BVTL-2431	С	Punjabi (Compulsory) ¹ Basic Punjabi ² Punjab History and Culture	4	100	80		20	3 Hrs
BVTM-2102	С	Communication skills in English	4	50	20	15	15	3+3Hrs
BVTL-2233	S	Business Planning	4	50	40	-	10	3 Hrs
BVTM-2234	S	Fashion Design and Textile-II	4	100	50	30	20	3 Hrs
BVTM-2125	С	Fundamentals of Digital Textile –II	4	50	25	15	10	3 +1Hrs
BVTP-2236	S	Garment Sewing	4	100	-	80	20	4 Hrs
BVTI-2237	I	Internship and Project Report	4	100	-	100	-	
SECM-2502	AC	*Moral Education	2	25	20	-	05	
		Total	30	575				

Special paper in lieu of Punjabi(Compulsory)

Special paper in lieu of Punjabi(Compulsory)(For those students who are not Domicile of Punjab)

*Grades points of these courses will not be included in the SGPA/CGPA of Semester/Programme

C-Compulsory S-Skill Enhancement AC-Audit Course

Course Code	Cou	Course Title	Credit		Marl	ks		Examination time (in Hours)
	rse Typ e			Total	Ext.		CA	
					L	P		
BVTL-3231	С	Fashion Business Management	2	50	40		10	3
BVTL-3232	С	Apparel Industry and Quality Control	4	50	40	-	10	3
BVTM-3233	С	Knitting Technology	4	100	50	30	20	3+3
BVTM-3234	S	Pattern Making and Draping	4	100	50	30	20	3
BVTP-3235	S	CAD-I	2	50	-	40	10	3
BVTP-3236	S	Garment Construction	4	100	-	80	20	4
BVTP-3237	S	Fashion Design and illustration	4	50	-	40	10	3
BVTD-3238	S	Seminar and Project Report	4	100	-	80	20	3
SECP-3512	AC	*Personality Development	2	25	20	-	5	3
			30	625		1	1	

^{*}Credits/Grades points of these courses will not be included in the SGPA/CGPA of Semester/Programme C-Compulsory S-Skill Enhancement AC-Audit Course

	Bachelor of Vocation (Textile Design & Apparel Technology), Semester-IV								
Course Code	Course Title	Course Type	Credit	Marks		CA Marks		Examination	
					Ext. L P			(Hrs)	
				Total					
BVTL-4231	Import-Export Management	С	2	50	40	_	10	3	
DV1L-4231	<u> </u>					-			
BVTL-4102	Soft Skills and Communication	С	2	50	40	-	10	3	
BVTM-4233	Traditional Indian Textiles	С	2	50	25	15	10	3	
BVTP-4234	CAD-II	S	4	100	-	80	20	3	
BVTP-4235	Professional garment Construction	S	4	100	-	80	20	4	
BVTP-4236	Design Development- II	S	4	100	-	80	20	4	
BVTI-4237	Internship Report	S	6	100	-	100	-	3	
AECE-4221	*Environmental Studies	AC	4	100	60	20	20	3	
SECS-4522	*Social Outreach	AC	2	25	10	10	05	3	
			30	550					

^{*}Grades points of these courses will not be included in the SGPA/CGPA of Semester/Programme

C-Compulsory S-Skill Enhancement AC-Audit

Course Code	Course Title	Course Type	Credit		Marl	ΚS	CA	Examination (Hrs)
						Ext.		
				Total	L	P		
BVTL-5231	Leather Technology	С	4	100	80	-	20	3
BVTL-5232	Basics of Sustainable fashion	С	2	50	40	-	10	3
BVTM-5233	Textile Production Techniques	С	4	100	50	30	20	3
BVTP-5234	Technical Surface Designing-I	S	2	50	-	40	10	3
BVTP-5235	CAD (Computer Aided Design)	S	4	75	-	60	15	3
BVTP-5236	Advance Draping and Garment Construction	S	4	100	-	80	20	4
3VTP-5237	Fashion illustration andappreciation	S	4	100	-	80	20	3
BVTD-5238	Survey and Project Report	S	4	50	-	40	10	3
SECI-5541	*Innovation, Entrepreneurship and Creative Thinking	AC	2	25	20	-	05	1
	Total		30	650				

^{*}Credits/Grades points of these courses will not be included in the SGPA/CGPA of Semester/Programme C-Compulsory S-Skill Enhancement AC-Audit Course

Bachelor of Vocation (Textile Design and Apparel Technology), Semester-VI Course Code **Course Title** Credit CA Examination Marks Course Ext. (hrs) **Type** P **Total** \mathbf{L} Fashion Marketing and C 4 3 50 40 10 BVTL-6231 Merchandising Eco Textiles and BVTL- 6232 Sustainable clothing C 4 50 40 10 3 Soft Skills and BVTM-6103 C 4 50 25 15 10 3 Communication S BVTP- 6234 4 100 80 4 Custom made Sewing 20 S BVTP-6235 Portfolio Development 4 100 80 20 4 S BVTP-6236 **Technical Surface** Designing-II 2 50 40 10 4 Digital Designing and S BVTP-6237 Display 2 50 40 10 4 Internship Report S BVTI-6238 6 100 100 4

30

550

Total

C-Compulsory

S-Skill Enhancement

Bachelor of Vocation (Textile Design and Apparel Technology)

Semester-I

CONCEPT OF FASHION

(Theory)

BVTL-1233

Course Outcomes:

After successful completion of this course, students will be able:

- CO1: Students will get acquainted with fashion terminology and importance of fashion.
- CO2: Students will get knowledge about fashion forecasting and principles of fashion.
- CO3: Students will get aware of the factors affecting fashion.
- CO4: Student will build knowledge of the fashion theories and the fashion cycle.

Session: 2023-2024 Bachelor of Vocation (Textile Design and Apparel Technology)

Semester-I

CONCEPT OF FASHION (Theory)

BVTL-1233 Total marks-50
Credit-2 Theory-40
Examination Time-3 hours CA-10

The syllabus is divided in four sections as mentioned below:

Instructions for the Examiner:

- Question paper will have four units.
- Examiner will set a total of 8 questions comprising two questions from each unit.
- Students are required to attempt five questions in all, choosing one question from each unit and fifth question from any unit. Questions can have subunits. · All questions carry equal marks.

UNIT-I

- Fashion Terminology fashion, style, change, fashion cycles, fad, classic, boutique, fashion trends, haute couture, designer, prêt-a-porter, and silhouette.
- Fashion Definition and its importance.

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UNIT-II

- Fashion forecasting Long term and short term
- Principles of Fashion

UNIT-III

- · Factors affecting fashion.
- Difference between fashion and anti-fashion.
- Role of social and psychological aspects of clothing

UNIT-IV

- Fashion cycles Introduction and its stages and broken fashion cycle.
- Fashion theories Trickle down, trickle across and bottom up theory

Book References:

- 1. James Laver; Andrew Tucker; Amy de la Haye "Costume and Fashion" (2009), ISBN: 0500203482
- 2. Valerie Steele (Editor), "The Berg Companion to Fashion" (2010), Ref GT511 .B474 2010
- 3. Debbie Ann Gioello; Beverly Berke, "Fashion Production Terms" (1994), Ref TT503 .G5

Bachelor of Vocation (Textile Design and Apparel Technology)

Semester-I

BASICS OF DESIGN AND ILLUSTRATION

(Theory)

BVTM-1234

Course Outcomes:

After successful completion of this course, students will be able:

- CO1: Students will be introduced to different art media, its application and importance of rendering and shading.
- CO2: Students will build an understanding about the elements and principles of design.
- CO3: Students will get knowledge about different types of design and fashion model drawing.
- CO4: Students will get acquainted with the concept of color and various color schemes.

Session: 2023-2024 Bachelor of Vocation (Textile Design and Apparel Technology)

Semester-I

BASICS OF DESIGN AND ILLUSTRATION

(Theory)

BVTM-1234 Credit-4 Examination Time-3 hours Total marks-100 Theory-50 Practical-30 CA-20

The syllabus is divided in four sections as mentioned below:

Instructions for the Examiner:

- Question paper will have four units.
- Examiner will set a total of 8 questions comprising two questions from each unit.
- Students are required to attempt five questions in all, choosing one question from each unit and fifth question from any unit. Questions can have subunits. ·All questions carry equal marks.

UNIT-I

- Introduction to art media and its application- different art media like pencils and its types, pencil colors, crayons, poster colors, erasers, acrylic colors, water colors, oil colors
- Importance of rendering and shading

UNIT-II

- •Elements of art and design -line, form, shape, space, size, textures and color.
- Principles of design-Harmony, Balance, Rhythm, Proportion, Emphasis

UNIT-III

- •Design -Definition and types
- Fashion model drawing Basic human proportion, body figures and shapes, sketching postures.

UNIT-IV

- •Color dimensions of color, hue, value, and intensity.
- ·Color wheel.
- •Color schemes- their importance and applications

Books References:

- 1 . Sewing Techniques and Patterns, Marie Naelle Bayard .
- 2. Tata Sharon Lee, "Inside Fashion Design", 1977, Francisco Canfield Press.
- 3. Ireland Patrick John, Fashion Design Drawing and Presentation", 1996, B.T. Batsford, London.
- 4. Seaman Julian, Professional Fashion Illustration", 1995, Batsford, London,

Bachelor of Vocation (Textile Design & Apparel Technology)

Semester-I

BASICS OF DESIGN AND ILLUSTRATION

(Practical)

BVTM-1234 Marks-30

Instructions for the examiner

Paper will be set jointly by the internal and external examiner on the spot.

PRACTICAL

- Introduction to art media and its application.
- The basic drawing and rendering of equipments using, pencils, crayons, poster and acrylic colors etc. · Introduction to basic sketching techniques.
- Free hand sketching of day to day objects flowers, flowerpots, leaves, barks, Landscape, Buildings, basic geometrical figures composed into interesting composition by combining different shapes (geometric) and all other kinds of drawings (abstract), still life
- Color- Preparation of color wheel, grey scales, color schemes and tints and shades.
- Figure stylization Basic croquies, division of the body to make the 8 head figure, 10 head figure, 12 head figure, fleshing out body.
- Figure in motion Geometrical blocks to make different postures, Segregate into postures as normal standing, walking, running and sitting and fleshing of croquis.

Books References:

- 4. Bernard P.Corbman, Textiles Fiber to Fabric, Mc Graw, Hill International Editions, (1993), Cataloging Publications.
- 5. Dorothy Siegert Lyle, Modern Textiles (1971) Jonh Wiley and Sons Inc., New York, London, Sydney, Toronto.
- 6. Be an Artist in 10 Steps, Ian Sidaway, Patricia Seligman
- 7. Allen and Seaman, "Fashion Drawing- The Basic Principles" 1994, B.T. Batsford, London

Bachelor of Vocation (Animation) Semester-I

Bachelor of Vocation (Nutrition Exercise & Health) Semester-I

Bachelor of Vocation (Textile Design and Apparel Technology) Semester-I

Bachelor of Vocation (Retail Management) Semester-I

Bachelor of Science (Fashion Designing) Semester-I

Course Code: BVAM-1113/BVNM-1126/BVRM-1125/BVTM-1125/BFDM-1126

Course Title: Computer Fundamentals

Session: 2023-24

Course Outcomes:

On Completion of this course, the student will be able to:

CO1: To understand the basic functionality of various parts of computer and terminologies related to computers and peripherals

CO2: To work with Word documents and apply various formatting techniques, page setup, creation of tables and other functions required in day-to-day word processing tasks.

CO3: To be able to make presentations, adding graphics, charts, audio, video and applying various themes and transition effects required for making an effective PowerPoint presentation.

CO4: to understand internet terms like URL, browser, search engines, and using an email account.

Bachelor of Vocation (Animation) Semester-I

Bachelor of Vocation (Nutrition Exercise & Health) Semester-I

Bachelor of Vocation (Textile Design and Apparel Technology) Semester-I

Bachelor of Vocation (Retail Management) Semester-I

Bachelor of Science (Fashion Designing) Semester-I

Course Code: BVAM-1113/BVNM-1126/BVRM-1125/BVTM-1125/BFDM-1126

Course Title: Computer Fundamentals

Session: 2023-24

L - T - P	Max. Marks: 100
2 - 0 - 2	Theory: 35 Practical: 35
Time: 3 Hours	CA: 30

Instructions for Paper Setter –

Eight questions of equal marks (7 marks each) to be set, two from each of the four sections (A-D). Questions of Sections A-D should be set from Units I-IV of the syllabus respectively. Questions may be divided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any section.

UNIT- I

INTRODUCTION TO COMPUTERS: Concept of Data and Information, Data Processing, Computer: Definition, Components of Computer System, and functions of each component, Classification of computers, Applications of Computers in various fields, Hardware and software, Basic Input and output devices, Memory - Primary & Secondary, commonly used secondary Storage devices.

UNIT-II

Word processing: Opening & saving files, editing word documents, converting files to different format and printing documents.

Formatting Documents:

Text Formatting- Font styles, Font selection- style, size, color etc, Type face- Bold, Italic, Underline, Case settings, Highlighting, Special symbols,

Paragraph Formatting: Alignments, Indents, Line Spacing, Margins, Bullets & Numbers

Page Setup: Setting margins, layout, and orientation.

Creation of table: Table settings, Borders, Alignments, Insertion, deletion, Merging, Splitting

Spelling & Grammer, Headers and Footers, Page numbering, Table of Contents and Mail Merge.

UNIT-III

Introduction to presentation – Opening new presentation, Different presentation templates, setting backgrounds, selecting presentation layouts.

Different power point views: Normal, Outline, Slide sorter, Notes and Reading view.

Creating a presentation Setting Presentation style, Selecting Slide layout, and adding content to the Presentation

Formatting a presentation - Adding style, Color, gradient fills, arranging objects, Adding Header & Footer, Slide Background.

Adding graphics and animation to the presentation- Inserting pictures, graphics, and videos into presentation, applying transition and animation.

Slide Show: Custom Slide show, Setup Slide show: use timing, rehearse timing and recording a presentation.

UNIT-IV

Internet: Definition, Uses of Internet-Definition of Web Addressing-URL, Web Browsers.

E-mail: Anatomy of E-mail, managing an e-mail account

Note for the Practical Examiner:

- a) Practical Exam is based on the syllabus covered in the subject.
- b) The question paper will be set on the spot by the examiner.

Suggested Readings:

- 1. Sinha P.K., "Computer Fundamentals", BPB Publications
- 2. Norton Peter, "Introduction to Computers", McGraw Hill Education
- 3. Rajaraman V (Author), Adabala N, "Fundamentals of Computers", Prentice Hall India Learning Private Limited
- 4. Peter Weverka, "Microsoft Office 2016 All-In-One for Dummies", Wiley
- 5. Joan Lambert Curtis Frye,"Microsoft Office 2016 Step by Step", Microsoft Press
- 6. Office Complete, BPB Publications

Bachelor of Vocation (Textile Design and Apparel Technology)

Semester-I

Sewing Techniques – I

(Practical)

BVTP-1236

Course Outcomes:

After successful completion of this course, students will be able:

- 1. To analysis the operating of sewing machine with proper care and safe use of each of the sewing equipments
- 2. To understand the concept of using pattern drafting for making clothes.
- 3. To understand the role of pattern adaptation techniques used.
- 4. To fit the different figure shapes and garment size.

Bachelor of Vocation (Textile Design & Apparel Technology)

Semester-I

Sewing Techniques – I

(Practical)

BVTP-1236 Total marks-100

Credit-4 Practical- 80

Examination Time-3 hours CA-20

Instructions for the Paper Setter:

Question paper of practical consists of 3 questions and a candidate has to attempt 2 out of these. Paper will be set on the spot by the examiner.

Course Content:

Basic hand stitches: Running, Back, Hemming, Blind hemming, Buttonhole

Seam and seam finishes: Plain, Run and Fell, French

Types of Fasteners: hooks, buttons, zipper

Types of plackets: Two-piece placket, Continues placket

Drafting of bodice block: Child Bodice Block and Adult Bodice Block

Drafting & Construction of Collars: Flat peter pan and cape collar

Drafting & Construction of sleeves: Plain sleeve, raglan sleeve, puff sleeve

Designing, Drafting and Construction: A-line frock for kids wear and Jumpsuit

Women's Wear: Petticoat and Blouse

Text Books Recommended:

- 1. The Art of couture sewing by Zoya Nudelman, 2nd edition (March 10, 2016)
- 2. The sewing Book Alison Smith, Publisher: DK; New edition (6 March 2018)
- 3. Sewing Techniques and Patterns, Marie –n Naelle Bayard, Originally published: 2007
- 4. Complete Guide to Sewing ,ReadersBigest, Reader's Digest (9 October 1978)

Session: 2023-2024 Bachelor of Vocation (Textile Design and Apparel Technology)

Semester-I

Health Safety and Maintenance (Practical)

BVTP-1237

Course Outcome:

After successful completion of this course, students will be able:

- 1. To learn the knowledge of Health Safety & Maintenance in their field.
- 2. To create awareness of other responsibility towards their health and safety.
- 3. To effectively communicate and collaborate inside a diverse work environment.
- 4. To learn to Work in an ethical and professional manner.

Session: 2023-2024 Bachelor of Vocation (Textile Design & Apparel Technology)

Semester-I

Health Safety and Maintenance (Practical)

BVTP-1237 Total marks: 100 Credit-4 Practical- 80

Examination Time-3 hours CA-20

Instructions for the Paper Setter:

Question paper of practical consists of 3 questions and a candidate has to attempt 2 out of these. Paper will be set on the spot by the examiner.

Course Contents:

Safety Health & Environment: Importance in Garment & Textile Industry

Hand Sewing Machine: its part and functions

Sewing machine: working, defects & remedies

Personal safety: Garment & Textile Industry

Usage and safety: Measuring Tools Drafting Tools

Text Books Recommended:

Sharon Clarke; Cary L. Cooper, "Managing the Risk of Workplace Stress". Routledge; 1st edition (31 July 2004)

Richard E. Wokutch, Cooperation and Conflict in Occupational Safety and Health, Praeger Publishers Inc (26 July 1990)

David A. Hofmann; Lois E. Tetrick, Health and Safety in Organizations: A Multilevel Perspective, Pfeiffer; 1st edition (April 11, 2003)

Neil Gunningham; Richard John stone, Regulating Workplace Safety: System and Sanctions, Clarendon Press (22 July 1999)

Joseph V. Rees, Reforming the Workplace: A Study of Self-Regulation in Occupational Safety

Bachelor of Vocation (Textile Design & Apparel Technology)

Semester-II

Business Planning

(Theory)

BVTL-2233

Course Outcomes:

After the successful completion of this course, the student will be able:

- 1. To understand the basic concept of planning a business and learn about various types of business plans.
- 2. To analyse the limitations of Business Planning, steps involved in business planning and factors affecting Business.
- 3. To learn about various techniques of business promotion and its characteristics
- 4. To understand the organization of apparel industry and business etiquettes.
- 5. To understand responsibilities objectives and strategies for apparel merchandising.

Bachelor of Vocation (Textile Design & Apparel Technology)

Semester-II

Business Planning

(Theory)

BVTL-2233 Total Marks-50

Credit-4 Theory-35

Examination time- 3 hours CA-15

The syllabus is divided in four sections as mentioned below:

Instructions for the Examiners/Paper Setters and distribution of marks:

Eight questions of equal marks (7 each) are to be set, two in each of the four Sections (A-D). Questions of Sections A-D should be set from Units I-IV of the syllabus respectively.

Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section.

IINIT-I

- Introduction to Business Planning- Meaning and Importance
- Types of business plans- Standing Plans, Single use Plans
- Characteristics of good Business Planning.

UNIT-II

- Limitations of Business planning: Creates rigidity, do not work in dynamic environment, Reduces creativity, Involves huge cost, Time Consuming Process, Do not Guarantee Success
- Steps of Business planning process
- Business Environment: Internal Environment and External Environment

UNIT-III

- Characteristics of Business Promotion
- Marketing Techniques for Business Promotion: Advertising, Direct Marketing, Sales Promotion, Personal Selling, Public Relation.
- Nature and scope of marketing

UNIT-IV

- Marketing Strategy: Definition, Meaning, Characteristics, Types
- Good sales and promotions: Discounts, Gifting, Coupons, Financing, Sampling, Bundling, Contests, Refunds and Rebates

Text Books Recommended:

- Entrepreneurial Development-Dr. S. Moharana and Dr. Dash, Pub by RBSA Publishers, Jaipur.
- Entrepreneurial Development by S.S. Khanna, Published by S. Chand & Company Ltd., Ram Nagar, New Delhi. 2011th edition (1 December 2007)
- Entrepreneurial Development by C.B. Gupta and N.P. Srinivasen, Publisher Sultan Chand& sons, 1992.
- Entrepreneurial Development Principles. Policies and programme by P Saravanavel,, Margham Publications, First Published 2020
- 5. Entrepreneurial Development, By Gupta C. B. Srinavsan N. P. Sultan Chand and Sons, Since 1950 (1 January 2020)

Session: 2023-2024 Bachelor of Vocation (Textile Design & Apparel Technology)

Semester-II

Fashion Design and Textile-II (Theory)

BVTM-2234

Course Outcomes:

After the completion of this course, the student will be able:

- 1. To understand the design cycle and factors influencing fashion.
- 2. To understand about fibers and their brief classification.
- 3. To learn about textile terminology and manufacturing and properties of natural and man-made fibers.
- 4. To understand classification of yarn and properties of yarn.

Bachelor of Vocation (Textile Design & Apparel Technology)

Semester-II

Fashion Design and Textile-II (Theory)

BVTM-2234 Total Marks-100

Credit-4 Theory-40

Examination Time-3 hours Practical-30

CA-30

The syllabus is divided in four sections as mentioned below:

Instructions for the Examiners/Paper Setters and distribution of marks:

Eight questions of equal marks (8 each) are to be set, two in each of the four Sections (A-D). Questions of Sections A-D should be set from Units I-IV of the syllabus respectively.

Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section.

UNIT-I

- Fashion cycle, Length of Fashion Cycle
- Factors influencing Fashion: Social Norms, Customs & Tradition, Religion, work, Income, Education, Age, Changing trends and values.
- Theories of fashion adoption:
 - a. Trickle Down Theory
 - b. Trickle Across theory
 - c. Trickle Up Theory.
- Fashion Forecasting &factors affecting Fashion Forecasting

UNIT-II

- Fibers and their brief classification, properties and manufacturing of Natural Fibers (Cotton, wool, Silk)
- Fibers and their brief classification, properties and Manufacturing Man-made Fibers (Nylon, Polyester, Rayon)

UNIT-III

- Textile Terms- Strength, abrasion, resistance, crease recovery, stiffness, drapability, static charge, thermal conductivity, air permeability, water repellency, thickness, shrink resistance, pilling resistance.
- Fabric construction Techniques- Weaving and Knitting

UNIT-IV

- Classification of Yarns: Carded and Combed yarns, woolen & worsted yarns, filament and spun yarns
- Yarn Properties: Linear Density, size, twist in yarn, crimp twist direction, strength and uniformity.

Text Books Recommended:

- 1. Norman Hollen and Jane Saddler, "Textiles" Second Edition. (1949), The Macmillan Company, New York.Colliee-Macmillan, Limited London.
- 2. Bernard P.Corbman, Textiles Fiber to Fabric, McGraw, Hill International Editions, (1993), Cataloging Publications.
- 3. Dorothy Siegert Lyle, Modern Textiles (1971) John Wiley and Sons Inc., New York, London, Sydney, Toronto.
- 4. Be an Artist in 10 Steps, Ian Sidaway, Patricia Seligman Hamlyn (2 March 2009)
- 5. Allen and Seaman, "Fashion Drawing- The Basic Principles" 1994, B.T.Batsford, London
- 6. Blackman, Cally," 100 Years fashion illustration", Laurence King Publishing, London, (19 April 2007)
- 7. Lafuente & Lleonart," Fashion Illustration Figure Drawing", Parragon Books Ltd. U.K. (1 June 2007)

Bachelor of Vocation (Textile Design & Apparel Technology)

Semester-II

Fashion Design and Textile-II (Practical)

BVTM-2234

Instructions for the Paper Setter:

Question paper of practical will consist of 3 questions and a candidate has to attempt 2 out of these.

Course Content:

- Rendering of different poses- Front, Back, Side, Three-fourth (12 head)
- Rendering of Textile Fabrics- Solids, Prints, Checks, Strips
- **Illustrating the patterns-** Abstract, Geometrical, Animal, Floral, Nursery patterns
- Collection of different types of Yarns-Simple and Fancy Yarns
- Microscopic and burning test of fibers- Cotton, Wool, Silk, Rayon, Polyester and Nylon
- Rendering of different Silhouettes on fashion figures by using Different fabrics, textures and patterns:
- 1. A-line
- 2. Circular
- 3. Straight
- 4. Rectangular
- 5. Hourglass
- 6. Funnel shaped

Text Books Recommended:

- 1. Dorothy SiegertLyle, Modern Textiles (1971) John Wiley and Sons Inc., New York, London, Sydney, Toronto.
- 2. Be an Artist in 10 Steps, Ian Sidaway, Patricia Seligman, (2 March 2009)
- 3. Allen and Seaman, "Fashion Drawing- The Basic Principles" 1994, B.T.Batsford, London.

Bachelor of Vocation (Textile Design & Apparel Technology)

Semester-II

Fundamentals of Digital Textile -II

(Theory)

BVTM-2125

Course Outcomes:

After successful completion of this course, students will be able to:

- 1. To understand and apply Textile design concepts using Computers.
- 2. To use various tools of Corel Draw in Textile designing.
- 3. To acquaint students with knowledge of CAD based application in Fashion Designing.
- 4. To use various tools of Adobe Photoshop in Textile designing.

Bachelor of Vocation (Textile Design & Apparel Technology)

Semester-II

Fundamentals of Digital Textile -II

(Theory)

BVTM-2125

Credit-2 Examination time-3+1 hours Total Marks-50

Theory-20 Practical-15

CA-15

The syllabus is divided in four sections as mentioned below: Instructions for the Examiners/Paper Setters and distribution of marks:

Eight questions of equal marks (4 each) are to be set, two in each of the four Sections (A-D). Questions of Sections A-D should be set from Units I-IV of the syllabus respectively. Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section.

UNIT-I

BASICS OF CORELDRAW- Introduction-Getting Started-Creating A New File - Title Bar-Menu Bar-Work Area-Printable Page-Property Bar- Page Counter Bar-Colour Palette-Toolbox-Status Bar-Drawing Figures-Lines-Ellipse-Circles-Rectangle-Square- Polygon-Saving-Closing-Opening-Views-Normal View-Preview-Wire Frame View-Draft View-Zoom-View Manager-Creating a View.

UNIT-II

DRAWING- Introduction - Toolbox-Selecting an Object-Resizing an Object-Moving an Object-Changing the Shape-Combining Two Objects-Skewing-Welding the Objects-Blending-Curve Lines-Straight Lines-Continuing a Line-View Mode- Changing-Media Tool-Rotating an Object-Grouping-Fill Tool Fly Out-Filling-Spray Mode.

TEXT- Introduction-Text Tool-Entering Artistic Text-Entering Paragraph Text-Converting Text Formatting Text- Changing the Font Size-Arranging Objects-Ordering the Objects-Changing the Font-Bullets-Decorating the Text- Webdings-Text Editor-Opening-Changing the Alignment-Type Style-Spell Checking-Grammer-Searching Synonyms-Find-Replace-Editing-Kerning-Formatting Characters.

UNIT III

IMAGE- Bitmap Images-Vector Image-Resizing-Rotating-Skewing-Moving-Cropping-Importing Images-Adding Special Effects-Converting to Bitmap-Exporting Images.

PAGE LAYOUT-Changing the Page Size-Changing the Layout-Applying Styles-Applying Bitmaps to the Background - Changing the Background-Adding a Page Frame-Moving Between Pages.

UNIT-IV

ADOBE PHOTOSHOP- Introduction to Photoshop and its tools. Photoshop Interface.

Create different Prints, Textures and compositions with the help of Corel Draw and Adobe Photoshop (Practical)

Instructions for the Practical Examiner

To acquaint students with knowledge of CAD based application in fashion Designing

Introduction to Corel Draw and Photoshop

- Study about tools of Coral Draw
- Color and Motif- traditional, floral and geometric.
- Figure and profile- profile of male and female silhouettes.
- Accessories- party, casual and formal
- Project Board- logo, label, brochure and window display.

Text Books Recommended:

- 1. Danae Lisa, "Adobe Photoshop CC Bible", Wiley (1 January 2014)
- 2. Faulkner Andrew,"Adobe Photoshop CC Classroom in a Book", Pearson Education, Pearson Education; First edition (15 June 2018)
- 3. Gary David Bouton, "Corel Draw X7: The Official Guide", McGraw Hill Education, PDF EPUB MOBI KINDLE.
- 4. Kogent Learning Solutions Inc. "CorelDraw X7 in Simple Steps", Dreamtech Press (1 January 2014)
- 5. Inside adobe photoshop 5.5,Bouton, Gary David Bouton, Barbara, Mancuso, Kubicek, Gary, Techmedia Delhi
- 6. Bouton, Gary David, Adobe photoshop 5.5 fundamentals with ready 2, Techmedia Delhi New Riders; Pap/Cdr edition (15 December 1999)

Bachelor of Vocation (Textile Design & Apparel Technology)

Semester-II

Garment Sewing

(Practical)

BVTP-2236

Course Outcomes:

After the successful completion of this course, the students will be able:

- 1. To understand the concept to apply the use of pattern drafting for clothing.
- 2. To understand the role of pattern adaptation techniques used to fit the different figure shapes and garment size
- 3. To understand the process involved in garment manufacturing such as cutting, planning, spreading and sewing.
- 4. To understand the textile sector and the range of textile occupation.

Bachelor of Vocation (Textile Design & Apparel Technology) Semester-II Garment Sewing (Practical)

BVTP-2236 Total Marks-100

Credit-4 Practical-70

Examination Time-4 hours CA-30

Instructions for the Paper Setter:

Question paper of practical will consist of 3 questions and a candidate has to attempt 2 out of these. Course Contents:

Drafting and construction of Garments with Specification Sheet

- Salwar Kameez
- Culottes or Tulip pant
- Skirts with design variations (adult)

Half Circular Skirt / Circular skirt

Yoke skirt with Pleats /gathers

• Tops with Design Variations

Halter Neck

Cowl Neck

Text Books Recommended:

- 1) Mc Call's Sewing in Colour, 1971, Butterrick Publishing co.
- 2) Singer Sewing Book, 1943, Mary Brooks Picken, Kessinger Publishing.
- 3) Measure, Cutand Sew, HoltRinehartandWinson.1922, Mc Millain Publishing Company.
- 4) Bray N., Dress Pattern Designing, 2003 (5thedition) Willey Blackwell
- 5) Sewing Techniques and Patterns, Marie nNaelleBayard, Sterling Pub Co Inc (1 Feb. 2007)
- 6) Bray N., Dress Pattern Designing, 2003 (5th edition) Willey Blackwell
- 7) Apparel Production Terms And Processes Bloomsbury, New York, Bubonia, Janace E.

(2017)

Bachelor of Vocation (Textile Design & Apparel Technology)

Semester-II

Internship and Project Report (**Practical**)

BVTI-2237

Course Outcomes:

After successful completion of this course, students will be able:

- 1. To enhance the industrial experience.
- 2. To understand develop and enhance professional awareness and communication skills.
- 3. To learn how to work in formal working environment and the benefits of team work.
- 4. To understand, discuss and evaluate the professional issues relating to textiles

Bachelor of Vocation (Textile Design & Apparel Technology)

Semester-II

Internship and Project Report (**Practical**)

BVTI-2237 Total Marks-100

All the students will submit their Training Reports within a period of one month in the department, this period shall be counted from the last date of completion of their training.

The supervisor in the organization under whose guidance the training is carried out will be required to grade the student's report.

Each student will be attached with one internal faculty guide, with whom they shall be in continuous touch during the training period. The internal faculty guide will be required to evaluate (out of 30 marks) on the basis of the assessment report provided by the organization where the Training has been completed and his/her own assessment about the work done by the student.

The evaluation of the remaining 70 marks shall be evaluated on the basis of presentation and the assessment report received from the organization where student has undergone

Bachelor of Vocation (Textile Design & Apparel Technology)

Semester – III

Fashion Business Management

(Theory)

BVTL-3231

Course Outcomes: -

After the successful completion of this course, students will be able:

- 1. To understand about Fashion Management and its terminology.
- 2. Students will able to learn the design process in fashion industry
- 3. To give the Knowledge of Fashion marketing and various departments in Fashion Industry.
- **4.** To understand the knowledge about fashion business communication

Bachelor of Vocation (Textile Design & Apparel Technology)

Semester - III

Fashion Business Management

(Theory)

BVTL-3231

Credit-2

Examination time – 3 hours

Theory- 40

CA-10

The syllabus is divided in four sections as mentioned below:

Instructions for the Examiners/Paper Setters and distribution of marks: Eight questions of equal marks (8 each) are to be set, two in each of the four Sections (A-D). Questions of Sections A-D should be set from Units I-IV of the syllabus respectively. Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section.

Unit - I

Fashion Management

Introduction to Fashion Management

Characteristics & Objectives of management

Fundamentals of management

Unit – II

Fashion Design Process -

Introduction

Steps involved in design process

Importance of design process in fashion

Unit - III

Fashion Marketing –

Definition, meaning, importance

Concept of marketing, marketing & merchandising

Benefits of Fashion Marketing

Unit - IV

Fashion Communication –

Fashion communication and it's importance

Strategies of fashion communication

Session: 2023-2024 Bachelor of Vocation (Textile Design & Apparel Technology)

Semester-III

Apparel Industry and Quality Control

(Theory)

BVTL-3232

Course Outcomes: -

After the successful completion of this course, students will be able:

- 5. To understand about Apparel Industry and its terminology.
- 6. Students will able to learn the quality checking process in apparel industry
- 7. To give the Knowledge of textile printing defects and various departments in Apparel Industry.
- 8. To know about various fabric defects and also the shipping procedure.

Semester-III

Apparel Industry and Quality Control

(Theory)

BVTL-3232 Total Marks-50

Credit-4 Theory-40

Examination Time-3 hours CA-10

The syllabus is divided in four sections as mentioned below:

Instructions for the Examiners/Paper Setters and distribution of marks:

Eight questions of equal marks (8 each) are to be set, two in each of the four Sections (A-D). Questions of Sections A-D should be set from Units I-IV of the syllabus respectively.

Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section.

UNIT-I

- Apparel industry and nature of Textile & Apparel Industry
- Introduction to apparel production, seams, types, end use, stitch dimensions, performance as per ASTM standards
- Sourcing Introduction to fabric and accessory sourcing, its type.

UNIT-II

- Quality Control
- Importance of Quality
- Concept of total Quality Management

UNIT III

- Textile Printing Defects, Causes & Remedies
- Purchase Department, Washing Department, Cutting Department, sewing Department,
 Production Department, Design Department, CAD Department, Finishing and Pressing department,
 Trimming department and Packing Department

UNIT-IV

- Fabric Defects-Warp direction faults, weft direction fault, Knot or Slub in the warp and weft, Faulty holes & tears.
- Shipping procedure

Text Books Recommended:

- 1. Ma naging Quality in the Apparel Industry, Pradip, New Age International Private Limited (1 January 1998)
- 2. Technology of Clothing Manufacture, Harold Carr, Wiley-Blackwell; 2nd edition (March 30, 1994)
- 3. Total Quality Management- a practical approach, Wiley Eastern
- 4. Introduction to quality control, Pradip V Mehta, CRC Press; 1st edition (30 July 1992)

Semester-III

Knitting Technology (Theory)

BVTL-3233

Course Outcomes

- CO1: Students will be introduced to the knitting technology and hand knitting.
- CO2: students will learn about warp and weft knitting comparison and knitting machines.
- CO3: Students will get knowledge about weft and warp knit stitches and defects in knitted fabrics and how to maintain their quality.
- CO4: Students will get acquainted about various knitted garments.

Session: 2023-2024 Bachelor of Vocation (Textile Design & Apparel Technology) Semester-III Knitting Technology (Theory)

BVTL-3233 Credit-4 Total Marks-100 Theory-50 Practical-30

Examination Time-3 hours

CA-20

Instructions for the Examiner

- Question paper will have four units.
- Examiner will set a total of 8 questions comprising two questions from each unit
- Students are required to attempt five questions in all, choosing one question from each unit and fifth question from any unit. Questions can have subunits.
- All questions carry equal marks.

UNIT-I

- Introduction to Knitting Technology, difference between Knits and Woven, terms used in Knitting.
- · Hand Knitting.

UNIT-II

- Comparison of Warp and weft knitting.
- Knitting Machines Weft and Warp Knitting machines

UNIT -III

- Basic weft knit stitches single jersey, rib, purl, interlock, float and tuck stitches
- Basic warp knit stitches under lap, overlap, closed lap, open lap.
- Knitted fabrics defects and quality control.

UNIT-IV

- Cut-Stitch shaped garments
- Integral garments
- Fully cut garments
- Fully fashioned garments

Book References:

- Prof. Ajgaonkar D B, "Knitting Technology", University Publishing Co-operation, Mumbai.
- Brackenbury Terry, "Knitting Clothing Technology", Blackwell Science, UK.
- Spancer David J, "Knitting Technology", Pergeman Press.

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Session: 2023-2024 Bachelor of Vocation (Textile Design & Apparel Technology) Semester-III Knitting Technology

Total marks:30

BVTL-3233 Credit-4

Examination Time-3

Instructions for the Examiner

- Paper will be set jointly by the internal and external examiner on the spot.
- Set 4 questions of which, students are required to attempt any three. Two Questions will be of 15-15 marks one will be of 10 marks.

PRACTICAL

- Knitting introduction, terminology, hand knitting tools, material, techniques, types of knitting, plain knit, ribs, laces, cables, cross and knitted, making of knitting samples (at least 2 samples of each technique).
- Preparation of any one article.

Semester-III

Pattern Making and Draping (Theory)

BVTM-3234

Course Outcomes:

After successful completion of this course, students will be able:

- 1. To learn about the basics of pattern making.
- 2. To familiarize with pattern layout, alterations and commercial paper patterns.
- 3. To learn about tools and equipments of Draping and draping terminology.
- 4. To learn about basics of draping.

Semester-III

Pattern Making and Draping (Theory)

BVTM-3234 Total Marks-100

Credit-4 Theory-50

Examination Time-3 hours Practical-30

CA-20

The syllabus is divided in four sections as mentioned below:

Instructions for the Examiners/Paper Setters and distribution of marks:

Eight questions of equal marks (10 each) are to be set, two in each of the four Sections (A-D). Questions of Sections A-D should be set from Units I-IV of the syllabus respectively.

Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section.

UNIT-I

- Introduction to Pattern Making
- Pattern making and its Importance
- Pattern Terminologies (Flat pattern, working pattern, drafting, marker making, Cost sheet, Specification sheet

UNIT-II

- Pattern Layout
- Pattern Alteration
- Pattern Envelope
- Commercial Paper Pattern

UNIT-III

- Draping terminology apex, balance, trueing, blocking, blending, princess line
- Clipping and marking, grain line, selvedge, darts, notches
- Introduction to Draping tools and equipments used in Draping
- Type of dress forms

UNIT-IV

- Procedure of Draping
- Principles of Draping
- Importance of Draping
- Advantages and disadvantages of Draping

Text Book Recommended:

- The Art of couture sewing by Zoya Nudelman.
- The sewing Book, Alison Smith
- Sewing Techniques and Patterns, Marie –Naelle Bayard
- Complete Guide to Sewing ,Readers Digest

Semester-III

Pattern Making and Draping (Practical)

BVTM-3234 Total Marks-30

Instructions for the Paper Setter:

Question paper of practical consists of 3 questions and a candidate has to attempt 2 out of these. Paper will be set on the spot by the examiner.

Course Content:

- Dart Manipulation- Shifting of darts by pivot method, slash and spread method two on ¼ scale
- Single dart series
- Double dart series
- Multiple dart series
- Princess line and empire styleline
- Adding fulness-pleats, gathers and tucks

Draping of basic bodice block- Front and Back

Draping of basic Sleeve block

Draping of basic skirt- Front and Back

Text Books recommended:

- 1. Bernard Zamkoff and Jeanne Price, Creative Pattern Skills for Fashion Design (f.i.t. Collection), 1990, Publisher: Fairchild Books &Visual.
- 2. Helen Joseph Armstrong, Pattern making for Fashion Design, 2000, Dorling Kindersley (India) Pvt. Ltd. India.
- 3. Sandra Betzina, Fast Fit Easy Pattern Alterations for Every Figure, 2003 Taunton Pr.
- 4. Helen Joseph- Armstrong, Draping for Apparel Design, Oct. 1999 Publisher: Fairchild Books &Visual.
- 5. Connie Amaden Crawford, The art of fashion Draping, 2nd edition (Oct.1995)

Semester-III

CAD-I (Practical)

BVTP-3235

Course Outcomes: -

After successful completion of this course, students will be able:

- 1. To understand the concepts of fashion design on computer.
- 2. To acquaint students with knowledge of CAD based application in Fashion Designing.
- 3. To learn the Pattern Making, Grading & Layout methods
- 4. To understand technological aspect by CAD Software

Semester-III

CAD-I (Practical)

BVTP-3235 Total Marks-50

Credit-2 Practical-40

Examination Time-3hrs CA-10

Instructions for the Paper Setter:

Question paper of Practical consists of 3 questions and a candidate has to attempt 2 out of these. Paper will be set on the spot by the examiner

Course Content:

Garment detailing with Photoshop and Corel draw

Sleeves- Circular Sleeve, Juliet Sleeve, Bishop Sleeve, Lantern sleeve

Collars-Cape Collar, Shawl Collar, Stand and Fall Collar, Tuxedo Collar

Skirts-A-Line Skirt, Peg Skirt, Pleated Skirt, Gore Skirt

Trousers-Straight pant, Bell bottom, Cargo, Dungarees

Draping simulations of designs (any four)

Adding textures to the garments

Books Recommended:

- 1. Software Manuals Joseph, Helen, Pattern Making for Fashion Designing
- 2. Coklin. Gerry, Pattern Grading for Women's Clothes, Wiley-Blackwell; 1st edition (January 15, 1991)
- 3. Design Techniques and CAD fashion design series, Sundra burke(2006)
- 4. CAD for Fashion design and Merchandising, Stacy Stewart Smith, Bloomsbury Publishing India Private Limited; Pap/DVD edition (20 February 2013)

Semester-III

Garment Construction

(Practical)

BVTP-3236

Course Outcomes:

After successful completion of this course, students will be able:

- 1. To enable the students to construct theme based garments.
- 2. To educate students on the technical aspects of developing design patterns with accuracy, and give them a firm foundation in the concepts
- 3. To use appropriate seam finishes and hemming procedures for particular fabrics
- 4. To use variety of design details suitable for different garments.

Semester-III

Garment Construction

(Practical)

BVTP-3236 Total Marks-100
Credit-4 Practical-80
Examination Time-4 Hrs CA-20
Instructions for the Paper Setter:

Question paper of practical consists of 2 questions and a candidate has to attempt 1 out of these. Paper will be set on the spot by the examiner.

Course Content:

Drafting and construction of following Garments with specification sheet & cost sheet (Any Three)

Traditional Wear

Party Wear

Night Wear

Indo-Western Wear

Casual Wear

Formal Wear

Books Recommended:

- 1. Joseph, Helen, Pattern Making for Fashion Designing(1987)
- 2. Coklin. Gerry, Pattern Grading for Women's Clothes, Wiley-Blackwell; 1st edition (January 15, 1991)
- 3. The Art of couture sewing by Zoya Nudelman., Fairchild Books; 2nd edition (21 April 2016)
- 4. The sewing Book ,Alison Smith, Penguin UK; UK ed. edition (2 February 2009); DK
- 5. Sewing Techniques and Patterns, Marie nNaelle Baya

FASHION DESIGN AND ILLUSTRATION

(Practical)

BVTP-3237

Course Outcomes

- CO1: Students will gain knowledge about the various garment details like collars, necklines, sleeves, cuffs.
- CO2: Students will get apparent with the sketching of various types of accessories for different age groups.
- CO3: Students will understand the concept of sketching of different apparels and their variations.
- CO4: Students will learn how to render different textures for different types of fabric.

FASHION DESIGN AND ILLUSTRATION (Practical)

BVTP-3237 Total marks50

Credit-2 Practical-40

Examination Time-4 hours CA-10

Instructions for the Examiner

- Paper will be set jointly by the internal and external examiner on the spot.
- Set three questions from the sketching part. · File work.

PRACTICAL

FLAT SKETCHING AND FIGURE DRAWING:

- Sketching of various garment details collars, necklines, sleeves, cuffs
- Sketching of accessories for Different Age Groups.
- Flat sketching of tops, skirts and trousers.
- Variation of skirts with different panels A-line, Four Gore, Six Gore, Eight Gore
 and Semicircular.
- Rendering Texture of fabrics Cotton, Wool, Net, Velvet, Leather, Satin, Silk, Corduroy, Fur
- Silhouette A Line, Funnel shaped, Circular, Straight, Rectangular, Hour Glass and their draping on fashion figures.
- Garment draping on fashion figures using above textures and silhouettes.

Book References:

- 1. Ireland, Patrick John, "Fashion Design Drawing and Presentation", B.T. Batsford, London, 1996.
- 2. Elisabetta Drudi, T.Paci, "Figure Drawing for Fashion", The Pepin Press.
- 3. Allen and Seaman, "Fashion Drawing The Basic Principles", B.T. Batsford, London.

Session: 2023-2024 Bachelor of Vocation (Textile Design & Apparel Technology) Semester –III Seminar and Project Report (Practical)

BVTD-3238

Course Outcomes:

After successful completion of this course, Students will be able:

- 1. To research the fashion trends and marketing Strategy
- 2. To study the current market trends of garment
- 3. To experience to understand, discuss and evaluate the professional issues relating to textile.
- 4. To acquire the practical knowledge regarding the working procedure and the production of garments at industrial or commercial level.

Seminar and Project Report

(Practical)

BVTD-3238 Total Marks-100

Credit-4 Practical-80

Examination Time-3 hours CA-20

Instructions-

- Report and presentation should be submitted monthly.
- Internal Assessment is based upon the performance of above said report and presentation made.
- Monthly Report is to be evaluated by internal examiner of the concerned college.
- Final report is to be submitted by the end of training period. External assessment is based on final report and viva voce. Final report is to be evaluated by external examiner by the end of semester.

Course content:

- Visit to the Craft Mela/Handicraft Unit/Handicraft Cottage Industry.
- Documentation of the Craft Mela/Handicraft Unit/Handicraft Cottage Industry.
- Adaptation of traditional designs from craft items and modifying as per modern trends.
- Development of any utility craft items.
- Documentation and project proposal for developed utility craft item.
- Presentation.

Text Books Recommended:

- 1. Douglas Bullis, Fashion Asia, Thames and Hudson, 2000.
- 2. Polhemus Ted. Style Surfing, What To Wear in 3rd Millennium, Thames and Hudson, 1996.
- 3. Mookherjee Ajit. 5000 Designs and Motifs From India, Dover Publications Inc., 1996.
- 4. Prakash K. Ideas Rajasthan Folk Art, English Edition, 2003.
- 5. Walter Hutinson, Costumes of the Worl

Bachelor of Vocation (Textile Design & Apparel Technology)

Semester-IV

Import- Export Management (Theory)

BVTL-4231

Course Outcomes:

After successful completion of this course, students will be able:

- 1. To impart the knowledge of international trade and trade related policies.
- 2. To learn the role of management in international trade and Export-Import Documentation.
- 3. To learn about various promotional organizations in International Trade.
- 4. To enable the students to compare and contrast alternative theories and concept of international trade.
- 5. To understand the motivation behind modern trade policies.

Bachelor of Vocation (Textile Design & Apparel Technology)

Semester-IV

Import- Export Management (Theory)

BVTL-4231 Total Marks-50

Credit-2 Theory-40

Examination Time- 3hours CA-10

The syllabus is divided in four sections as mentioned below:

Instructions for the Examiners/Paper Setters and distribution of marks:

Eight questions of equal marks (8 Each) are to be set, two in each of the four Sections (A-D). Questions of Sections A-D should be set from Units I-IV of the syllabus respectively.

Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section.

UNIT-I

- Export Import Management -Meaning, Importance.
- Classification and preparation of export market
- Nature and Scope of Management

UNIT-II

- Elements of Management
- Export & import documentation

UNIT-III

- Export Promotion Organization- Indian Trade Promotion Organization, Indian Institute of Foreign Trade
- Export Business Plan

UNIT-IV

- Export Import Policy of India
- Risk Management and its principles

Text Books recommended:

- 1. Finance international Trade by james C. Baker, 2003
- 2. International Trade: New Pattern of Trade Production & investment By Nigel Grimwade 2000 second edition
- 3. Global Risk from Trade wars: Time to Return to WTO By Desker Barry, 2013
- 4. Advanced International Trade: Theory& Evidence By Robert c. Feenstra 2004
- 5. Business Management: by Gupta, R.S., Kalayani Publishers, Delhi

Bachelor of Vocation (Textile Design & Apparel Technology)

Semester-IV

Soft Skills and Communication

(Theory)

BVTL-4102

Course Outcomes:

At the end of this course, students will be able:

- 1. To improve their communication skills
- 2. To identify problems and be equipped with problem solving skills
- 3. To learn techniques to write reports and take notes
- 4. To imbibe and practice conversational skills
- 5. To develop work ethics
- 6. To imbibe and practice presentation skills and public speaking

Bachelor of Vocation (Textile Design & Apparel Technology)

Semester-IV

Soft Skills and Communication

(Theory)

BVTL-4102 Total Marks-50
Credit- 2 Theory-40
Examination Time: 3 hours CA-10

Instructions for the Examiner:

The question paper will consist of four sections and distribution of marks will be as under:

- **Section-A:** One question will be set from Unit I of the syllabus with internal choice and it will carry **10 marks**. The questions may have sub-parts.
- **Section-B:** One question will be set from Unit II of the syllabus with internal choice and it will carry **10 marks**. The questions may have sub-parts.
- Section-C: Two questions with internal choice will be given based on the topics in Unit III. Each question will carry five marks. (2x5=10 marks)
- **Section-D:** Two questions with internal choice will be given based on the topics in Unit IV. Each question will carry five marks. (2x5=10 marks)

Unit I

- 1. Problem solving
- 2. Report Writing and Note Taking

Unit II

- 3. Constructive feedback
- 4. Project Management

Unit III

- 5. Conversational Skills
- 6. Work ethics

Unit IV

- 7. Presentation Skills (Team presentations and Individual presentations)
- 8. Etiquettes for public speaking

Text Books recommended:

1. Business Communication, by Sinha, K.K. Galgotia Publishers.

(Semester –IV)

Traditional Indian Textiles (Theory)

BVTM-4233

Course outcomes:

After successful completion of this course, students will be able:

- 1. To impact knowledge to the students about different methods of traditional Indian woven textiles.
- 2. To get knowledge of Resist Dyed Textiles of India.
- 3. To study the Basic embroidery stitches and work style.
- 4. To study the historical background motifs, colors and materials used in various embroideries.

Bachelor of Vocation (Textile Design & Apparel Technology)

Semester-IV

Traditional Indian Textiles (Theory)

BVTM-4233 Credit-2 Examination Time-3 hours Total Marks-50 Theory-25 Practical-15 CA-10

The syllabus is divided in four sections as mentioned below: Instructions for the Examiners/Paper Setters and distribution of marks:

Eight questions of equal marks (5 each) are to be set, two in each of the four Sections (A-D). Questions of Sections A-D should be set from Units I-IV of the syllabus respectively.

Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section.

UNIT-I

Hand Woven Textiles

- Sarees: Brocades of Banaras, Kanjeevaram Sarees, Chanderi Sarees
- Shawls: Kashmir Shawls, Kullu Shawls

UNIT-II

Resist Dyed Textiles

- Bandhani of Rajasthan
- Ikat of Gujrat
- Patola of Gujarat

UNIT-III

Embroidered Textiles of India

- Phulkari of Punjab
- · Chikankari of Lucknow
- Kasuti of Karnataka
- · Kutch of Gujrat

UNIT-IV

Embroidered Textiles of India

- · Kashida of Kashmir
- · Kantha of Bengal
- Zardozi of Uttar Pradesh
- Manipuri

Text Books Recommended:

- 1. Rustarm; J. Mehta, "Masterpieces of Indian Textiles", (1970), D.B. Taraporevala Sons & Co., Pvt. Ltd.
- 2. Anu H. Gupta, Shalina Mehta, Phulkari from Punjab, Embroidery in Trasition, Niyogi Books Pvt. Ltd.; First edition (6 January 2020)
- 3. Indian Embroidery-Svitri Pandit, Pandit; 1st edition (January 1, 1976)
- 4. Bhatnagar, Parul-Traditional Indian Textiles, Abhishek Publication (1 January 2009)
- 5. Abraham T.M , Handicraft of India, Graphics Columbia, New Delhi,1964,Mulk Raj Anand Marg, Vol.VIII,1954
- 6. Textiles Arts of India, Kyoto Shoin(1993)

Bachelor of Vocation (Textile Design & Apparel Technology)

Semester-IV

Traditional Indian Textiles

(Practical)

BVTM-4233

Instructions for the Paper Setter:

Question paper of practical consists of 2 questions and a candidate has to attempt 1 out of these. Paper will be set on the spot by the examiner.

Course Content:

Study of Indian embroidered textiles and making samples of various embroideries

- Kantha of Bengal
- Phulkari of Punjab
- Kasuti of Karnataka
- Chamba Rumal of Himachal Pradesh
- Chikankari of Uttar Pradesh
- Kutch of Gujarat

Prepare any one Article with any of the embroidery.

Text Books Recommended:

- 1. Indian Embroidery- Svitri Pandit, Pandit; 1st edition (January 1, 1976)
- 2. Bhatnagar, Parul-Traditional Indian Textiles, Abhishek Publication (1 January 2009)
- 3. Abraham T.M, Handicraft of India, Graphics Columbia, New Delhi, 1964, Mulk Raj Anand Marg, Vol.VIII, 1954
- 4. Textiles Arts of India, Kyoto Shoin(1993)
- 5. Anu H. Gupta, Shalina Mehta, Phulkari from Punjab, Embroidery in Transition, Niyogi Books Pvt. Ltd.; First edition (6 January 2020)

Bachelor of Vocation (Textile Design & Apparel Technology)

Semester-IV

CAD-II

(Practical)

BVTP-4234

Course Outcomes:

After successful completion of this course, students will be able:

- 1. To understand the fashion design concepts on computer.
- 2. To acquaint students with knowledge of CAD based application in Fashion Designing.
- 3. To understand technological aspect by CAD Software
- 4. To learn faster and more in less time using this software.

Bachelor of Vocation (Textile Design & Apparel Technology)

Semester-IV

CAD-II

(Practical)

BVTP-4234 Total Marks-100

Credit-4 Theory-80

Examination Time- 3hrs CA-20

Instructions for the Paper Setter:

Question paper of practical consists of 3 questions and a candidate has to attempt 2 out of these. Paper will be set on the spot by the examiner.

Course Content:

- Introduction to basic tools of the fashion software:
- Drafting, Pattern making and Layouts of:
- 1. Basic Child Block (front and back)
- 2. Basic Bodice Block (front and back)
- 3. Basic sleeve Block
- 4. Basic Skirt Block (front and back)
- 5. Basic Shirt Block (front and back)
- 6. Basic Pant Block (front and back)
- 7. **Manipulation** of Grain line, darts, seams.

Text Books Recommended:

- 1. Coklin. Gerry, Pattern Grading for Women's Clothes, Wiley-Blackwell; 1st edition (January 15, 1991)
- 2. Design Techniques and CAD fashion design series, Sundraburk(2006)
- 3. CAD for Fashion design and Merchandising, Stacy Stewart Smith, Bloomsbury Publishing India Private Limited; Pap/DVD edition (20 February 2013)
- 4. Joseph, Helen, Pattern Making for Fashion Designing, Pearson; 5th edition (2 November 2009)
- 5. Software manual

Bachelor of Vocation (Textile Design & Apparel Technology)

Semester-IV

Professional Garment Construction

(Practical)

BVTP-4235

Course Content:

After successful completion of this course, students will be able:

- 1. To enable the students to construct men's wear
- 2. To educate students on the technical aspects of developing design patterns of men's wear with accuracy
- 3. To enable the students to construct theme based men's garment.
- 4. To enable student use variety of design detail suitable for garments.

Bachelor of Vocation (Textile Design & Apparel Technology)

Semester-IV

Professional Garment Construction (Practical)

BVTP-4235 Total marks-100

Credit-4 Practical-80

Examination Time-4 hours CA-20

Instructions for the Paper Setter:

Question paper of practical consists of 3 questions and a candidate has to attempt 2 out of these. Paper will be set on the spot by the examiner.

Course Content:

Design and construct men's wear on any three of the following themes:

- Casual wear
- Street wear
- Traditional Indian dress
- Formal dress

Text Books Recommended:

- 1. McCall's Sewing in Colour, 1971, Butterrick Publishing co.
- 2. Singer Sewing Book, 1943, Mary Brooks Picken, Kessinger Publishing.
- 3. Measure, Cut and Sew, Holt Rinehart and Winson. 1922, McMillain Publishing Company.
- 4. Bray N., Dress Pattern Designing, 2003 (5th edition) Willey Blackwell.
- 5. Helen Joseph Armstrong, Pattern Making for Fashion Design 2005, Prentice Hall.
- 6. Tata Sharon Lee, "Inside Fashion Design", 1977, Francisco Canfield Press,
- 7. Ireland Patrick John, Fashion Design Drawing and Presentation, 1996, B.T. Batsford London,
- 8. Seaman, Julian, Professional Fashion Illustration, 1995, B.T. Batsford London,
- 9. Drake and Nicholas, "Fashion Illustration", 1994, Thames and Hudson London.

Bachelor of Vocation (Textile Design & Apparel Technology)

Semester-IV

Design Development-II

(Practical)

BVTP-4236

Course Outcomes:

To focus on fashion communication and illustration of fashion design ideas.

To teach students Professional illustrations which will help them in garment designing.

To enable the students to draw and render theme-based garments.

To enable the students to draw dress details in different mediums.

Bachelor of Vocation (Textile Design & Apparel Technology)

Semester-IV

Design Development-II

(Practical)

BVTP-4236 Total marks-100

Credit-4 Practical-80

Examination Time-4 hours CA-20

Instructions for the Paper Setter:

Question paper of practical consists of 3 questions and a candidate has to attempt 2 out of these. Paper will be set on the spot by the examiner.

Rendering of Women's Wear- Coats, Jackets, Trousers and dresses

Rendering of Men's Wear- Shirts, trousers, coats and blazers

Exploring Collage with various Accessories- Caps, Scarves, Bags and Belts

Exploring Collage with various Jewellary- Earrings, Armlets, Rings and necklaces

Age wise figure development of Child (upto teenage)

Text Books Recommended:

- 1. Tata Sharon Lee, "Inside Fashion Design", 1977, Francisco Canfield Press.
- 2. Ireland Patrick John, Fashion Design Drawing and Presentation", 1996, B.T. Batsford, London, Seaman, Julian, Professional Fashion Illustration, 1995, B.T. Batsford London,
- 3. Drake and Nicholas, "Fashion Illustartion", 1994, Thames and Hudson London.
- 4. Elisabetta Drudi, T. Paci, "Figure Drawing for Fashion", 2002, The Pepin Press.
- 5. Bina Abling, Fashion Illustration, 2008, Fairchild Publication.
- 6. Bina Abling, Fashion Rendering with Color, , 200, Fairchild Publication.
- 7. Thames & Husdon, Vogue Sketch Catalogue, 1911, Si New House

Bachelor of Vocation (Textile Design & Apparel Technology)

Semester-IV

Internship Report

BVTI-4237

Course Outcomes:

After successful completion of this course, Students will be able:

- 1. To enhance an industrial experience.
- 2. To understand develop and enhance professional awareness and communication skills.
- 3. To learn how to work in formal working environment and the benefits of team work.
- 4. To experience to understand, discuss and evaluate the professional issues relating to textile.

Bachelor of Vocation (Textile Design & Apparel Technology)

Semester-IV

Internship Report

BVTI-4237 Total Marks-100

All the students will submit their Training Reports (in duplicate) within a period of one month in the department; this period shall be counted from the last date of completion of their training.

The supervisor in the organization under whose guidance the training is carried out will be required to grade the student's report.

Each student will be attached with one internal faculty guide, with whom they shall be in continuous touch during the training period. The internal faculty guide will be required to evaluate (out of 20 marks) on the basis of the assessment report provided by the organization where the Training has been completed and his/her own assessment about the work done by the student.

The evaluation of the remaining 80 marks shall be evaluated on the basis of presentation and the assessment report received from the organization where student has undergone training.

Semester-V

Leather Technology

(Theory)

Course Outcomes

CO1:-The course will provide knowledge about the history of leather, types of leather and vegan leather.

CO2:-It will provide the knowledge about leather industry, leather products and its care.

CO3:-Students will learn about manufacturing of leather and Environmental and Health hazards from the manufacturing of leather.

CO4:- Students will get the knowledge about classification and finishing of leather.

Semester-V

Leather Technology

(Theory)

BVTL-5231 Total Marks-100

Credit-2 Theory-80

Examination Time-3 hours CA-20

Instructions for the Paper Setter:

Eight questions of equal marks (16 marks) are to be set, two in each of the four Sections (A-D). Questions of Sections A-D should be set from Units I-IV of the syllabus respectively. Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section.

Unit -I

- History of leather
- Different types of animal leather and vegan leather

Unit -II

- · Nature and scope of Indian leather industry
- Leather products
- Care and maintenance of leather products

Unit -III

- Manufacturing of leather-Preparatory stages, Tanning and Crusting
- Environmental and Health hazards from the manufacturing of leather

Unit -IV

- Classification of leather-Full grain leather, Top grain leather, Corrected grain leather, Split leather, Bonded leather
- Finishing of leather-Staking, Buffing, Boarding, Embossing, Glazing, pigmented leather, Semi-Aniline, Waxed or oil finish

Books Recommended

- 1. Leather production and tanning technology handbook, published by:-Niir project consultancy services
- 2. Eiri- Hand book of leather and leather products technology, published by Engineers India research in, 2007
- 3. S.S. Dutta- Introduction to the principles of leather manufacture, published by I.L.T.A
- 4. K.T. Sarkar- Theory and practice of leather manufacture, published by Ajoy Sorcar, Chennai
- 5. The Indian leather industry- Secretariat for industrial assistance, Ministry of India, Govt. of India

Semester-V

Basics of Sustainable Fashion

(Theory)

BVTL-5232

Course outcome

CO1: To give a detailed description about the history and development of Sustainable Fashion, lifecycle of garments and terminologies.

CO2: A detailed study of various Sustainable Brands and Designers.

CO3: Study of various Industrial practices with focus on Sustainable Fashion.

CO4: Focus on Sustainable Consumer practices.

Semester-V

Basics of Sustainable Fashion

(Theory)

BVTL-5232 Total Marks-50

Credit-4 Theory-40

Examination Time-3 hours

CA-10

Instructions for the Paper Setter:

Eight questions of equal marks (8 marks) are to be set, two in each of the four Sections (A-D). Questions of Sections A-D should be set from Units I-IV of the syllabus respectively. Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section.

Unit- I

History and development of Sustainable Fashion Life cycle of a garment, Life cycle assessment tools

Terminologies: Sustainable Fashion, Circular Fashion, Fast Fashion, Slow Fashion, Vintage Fashion, Flea Market Fashion, Second-Hand Clothing

Unit-II

Case study of Katharine Hamnett, Stella McCartney, Vivienne Westwood Case study of NIKE, H&M

Alabama Chanin, Orsola De Castro

Unit-III

Industry Practices- Fair trade Fabrics, Case study of Rana Plaza, Local sourcing Using Mono-materials, Zero Waste Techniques, Design for Durability

Unit- IV

Designing for empathy-Natural dyes, Reducing Textile Waste, Engagement with local communities, DIY Fashion

Consumer Practices-Washing Garments, Drying and Ironing, Storing Clothes Altering, Adapting, Repairing Clothes, Practicing 3 R's of Recycling, Upcycling. Difference between Recycling and Upcycling

• Practical Submission of DIY, Upcycled garments, Accessories, Life style products for a social cause.

References: Text Books:

- 1. Subramanian Senthilkannan Muthu ,(2018). Sustainable Innovations in Textile Fibers, Springer publications, Singapore.
- 2. Thomas and Hudson, (2012). The Sustainable Fashion Handbook, Sandy Black publishers, London.
- 3. Jennifer Farley Gordon, Collean hill, (2014) Sustainable fashion: Past, Present and Future, Bloomsburry Publishing, London.
- 4. Alison Gwilt, Timo Rissanen, Shaping Sustainable Fashion, Earthscan publishing for a sustainable future, London.
 - 5. Alison Gwilt, A Practical Guide To Sustainable Fashion, Bloomsburry Publishing, London.
- 6. Kate Fletcher, Lynda Grose, Fashion & Sustainability , Laurence King Publishing ltd., London.
 - 7. Timo Rissanen, Holly Mcquillan, Zero Waste Fashion Design, Bloomsburry Publishing, London.
 - 8. Anet Hethorn, Connie Ulasewicz, Sustainable fashion, Bloomsburry Publishing, London.
 - 9. Sass Brown, Ecc Fashion, Laurence King Publishing ltd., London.

Semester-V

Textile Production Techniques

(Theory)

BVTM-5233

Course Objective:

After successful completion of this course, students will be able:

- 1. To attain knowledge about the main types of fabric formation and various types of looms.
- 2. To gain knowledge about various weaves.
- 3. To understand the introduce to aspects of knitting technology.
- 4. To understand the term textiles in context of weaving, knitting, bonding and felting.

Semester-V

Textile Production Techniques

(Theory)

BVTM-5233 Total Mark-100

Credit-4 Theory-50

Examination Time-3 hours Practical-30

CA-20

The syllabus is divided in four sections as mentioned below

Instructions for the Examiners/Paper Setters and distribution of marks:

Eight questions of equal marks (10 Each) are to be set, two in each of the four Sections (A-D). Questions of Sections A-D should be set from Units I-IV of the syllabus respectively.

Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting a least one question from each section. The fifth question may be attempted from any Section.

UNIT-I

- Fabric formation, different methods of fabric formation- Interweaving, Inter looping, Intertwining
- Weaving, Parts of loom and their functions, main operations in weaving
- Loom and its Types:- Handlooms and Power looms

UNIT-II

- Weaves, Graphical representation of weaves, drafting plan, Lifting Plan, Weave Repeat Unit
- Basic weaves: Plain, Twill, Satin and their variations
- Fancy weaves: Dobby, Jacquard, Leno, Swivel, Lappet, Pile weave and its variations

UNIT-III

- Introduction to knitting technology, origin, history
- Basic weft knitting: single jersey, rib, purl knitting
- Basic warp knitting: Tricot, Raschel Milanese knitting
- Knitting machines: flat and circular knitting machines

UNIT-IV

- Difference between knits and woven fabrics
- Non-woven Classifications, production techniques and end uses

• Defects in woven and knitted fabrics

- 1. Brackenbury Terry, "Knitting Clothing Technology", Blackwell Science, UK.
- 2. Spancer David J, "Knitting Technology", Pergeman Press(2014)
- 3. Grammer of Textile Design-Nisbet, Wentworth Press (26 August 2016)
- 4. Structural Fabric Design By- Kilby
- 5. Fibre to Fabric By Ghosh
- 6. Marks A.T.C & Robinson. Principles of weaving, The Textile Institute (1 September 1976)
- 7. Watson. Textile Color & Design, Woodhead Publishing; 7th edition (1 January 1975)
- 8. Banerjee, N.N. Weaving.
- 9. Corbmen. Fibre to Fabric, McGraw-Hill Education; 6th edition (October 31, 1985) Hollen, N. and Saddle

Semester-V

Textile Production Techniques

(Practical)

BVTM-5233 Total Mark-30

Instructions for the Paper Setter:

Question paper of practical consists of 3 questions and a candidate has to attempt 2 out of these. Paper will be set on the spot by the examiner

Course Content:

- Constructing the samples with different Weaving Techniques: Plain weave, Basket weave, Rib weave(warp and weft), twill weave(even, uneven), Satin and Sateen Weave, Extra figuring weave (warp and weft), Cut and Uncut pile, Tapestry
- Prepare any two articles with the combination of weaves:
- Prepare any one article with the combination of knitting techniques.

- 1. Prof. Ajgaonkar D B, "Knitting Technology", University Publishing Co-operation, Mumbai(1998)
- 2. Brackenbury Terry, "Knitting Clothing Technology", Blackwell Science, UK.
- 3. Spancer David J, "Knitting Technology", Pergeman Press(2014)
- 4. Marks A.T.C & Robinson. Principles of weaving. The Textile Institute (1 September 1976)
- 5. Watson. Textile Color & Design, Woodhead Publishing; 7th edition (1 January 1975)
- 6. Banerjee, N.N. Weaving. (2004)
- 7. Corbmen. Fibre to Fabric. McGraw-Hill Education; 6th edition (October 31, 1985)
- 8. Hollen, N. and Saddler, J. 1968. Textiles. New York, Macmilan Company.

Semester-V

Technical Surface Designing-I

(Practical)

BVTP-5234

Course Outcomes-

After successful completion of this course, Students will be able:

- 1. To learn the art of surface ornamentation.
- 2. To learn about needle craft.
- 3. To gain the knowledge of different embroidery techniques.
- 4. To learn the different painting techniques.

Semester-V

Technical Surface Designing-I

(Practical)

BVTP-5234 Total Marks-50

Credit-2 Practical-40

Examination Time-3 hours CA-10

Instructions for the Paper Setter:

Question paper of practical consists of 3 questions and a candidate has to attempt 2 out of these. Paper will be set on the spot by the examiner.

Course Content:

Quilting & Patch work: - Introduction, tools, material, techniques and types of embroidery, Cut work, Cross stitch, couching, Glass work, drawn thread work.

Crochet: - Introduction, tools, material, techniques and types – Single, double, circular, making crochet samples.

Special Techniques: - Smocking, Ribbon work, Beads and sequence work, Appliqué Work

Developing two products based on techniques of Surface Ornamentation (one or more).

- 1. Indian Embroidery Savitri Pandit, 1st edition (January 1, 1976)
- 2. Bhatnagar, Parul Traditional Indian Textiles, Abhishek Publication (1 January 2009)
- 3. Irwin and Hall Indian Embroideries, Published by S.R. Bastikar, P.B. 28, Ahmedabad.

Semester-V

CAD (COMPUTER AIDED DESIGNING)

(Practical)

BVTP-5235

COURSE OUTCOMES:

- 1. Students will learn about Adobe Illustrator.
- 2. They will gain knowledge about Photoshop software.
- 3. Students will learn how to create fashion and design illustrations in CAD.
- 4. They will attain knowledge about various tools of Photoshop and Adobe Illustrator.
- 5. Students will learn to make various fashion details.

Semester-V

CAD (COMPUTER AIDED DESIGNING)

(Practical)

BVTP-5235
Credit- 4
Total Marks-75
Practical-60

Examination Time-3 hours

CA-15

Instructions for the Examiners/Paper Setters:

- Set 4 questions out of which students have to attempt 3 questions 20 EACH
- Question paper will be set on the spot jointly by the internal and external examiners.

Design different outfits using themes like:

- Flora and Fauna
- Traditional Fabric and embroidery
- Festival / culture
- Beachwear
- Office wear

Minimum 2 designs to be prepared on every theme. Prepare a file on these designed outfits by taking printouts.

Books Recommended:

- 1. Adobe Photoshop, 12.0
- 2. Gruman, Galen, Adobe in Design Cs2 Bible.
- 3. Adobe Illustrator, 12.0
- 4. Lazer, Susan.H., Adobe Illustrator For Fashion Design
- 5. Golding, Mordy, Adobe Creative Suite 2

Semester-V

Advance Draping and Garment Construction (Practical)

BVTP-5236 Course Outcomes:

After successful completion of this course, Students will able:

- 1. To learn the basic draping techniques.
- 2. To familiarize with draping method for different kinds of garments.
- 3. To develop different patterns through Pattern Making.
- 4. To gain practical knowledge of different Skirts, Sleeves and collars.

Bachelor of Vocation (Textile Design & Apparel Technology) Semester-V

Advance Draping and Garment Construction (Practical)

BVTP-5236 Credit-4 Examination Time-4 hours Instructions for the Paper Setter: Total Marks-100 Practical-80 CA-20

Question paper of practical consists of 3 questions and a candidate has to attempt 2 out of these. Paper will be set on the spot by the examiner.

Course Content:

Draping of Skirt variations:

- A line skirt
- Gathered skirt with yoke
- Pleated skirt with yoke
- Circular skirt
- Skirt with frills/tiers

Draping of Collars and Necklines

- Mandarin collar
- Peterpan collar
- Turtleneck collar
- Halter Neck
- Cowl neckline
- Yoke with Neckline

Draping of pants

Draping of Classic princess line dress (front and back)

Draping and stitching of any two garments with Draping

- 1. Helen Joseph- Armstrong, Draping for Apparel Design, Oct. 1999Publisher: Fairchild Books & Visual.
- 2. Connie Amaden Crawford, The art of fashion Draping, 2nd edition (Oct. 1995) Publisher: Fairchild Books, KVisual.
- 3. Hilde Jaffe, Jurie Reus, Draping for Fashion Design, 1993, Prentice Hall Carrer& Technology

Bachelor of Vocation (Textile Design & Apparel Technology)

Semester-V

FASHION ILLUSTRATION AND APPRECIATION

(Practical)

BVTP-5237 Course Outcomes-

- 1. Students will gain knowledge about various art mediums like charcoal, steadlers, posters, water colors, pastels and ink.
- 2. Students will know about different color schemes.
- 3. Students will attain knowledge of different types of designs and their proper application.
- 4. They will gain knowledge about patterns and motifs.
- 5. Students will be skilled in rendering textures of various fabrics and materials.

Bachelor of Vocation (Textile Design & Apparel Technology)

Semester-V

Fashion Illustration & Appreciation

(Practical)

BVTP-5237

Credit-4 Total Marks-100
Practical-80

CA-20

Examination Time-3 hours

Instructions for the Examiners/Paper Setters:

☐ Set 5 questions out of which students have to attempt any 4 questions

☐ Question paper will be set on the spot jointly by the internal and external examiners.

Unit-I

- Collage making on any 3 themes like culture, environment, historic period, monuments, embroidery, traditional fabric etc.
- Taking inspiration from the above themes, illustrate garments on the croquis.

Unit-II

Illustrating 4-5 sheets of each theme along with ideation board, colour board, mood board, storyboard

Books Recommended:

- 1) Abling Bina, "Fashion Sketch Book", 2006 by Fairchild Publication
- 2) Stan Smith, "The Illustration handbook" 1984 by Macdonld Co.
- 3) Julian Seaman, "Professional Fashion Illustration" by B.T. Batsford Ltd.
- 4) Kathryn McKelvey "Illustrating Fashion" by Blackwell Science.
- 5) Ireland Patrick John, "Fashion Design Drawing Presentation", 1996 B.T. Batsford Ltd.
- 6) Allen and Seaman, "Fashion Drawing- The Basic Principles" 1994, B.T. Batsford, London.

Semester-V

Survey and Project Report

(Practical)

BVTD-5238

Course Outcomes:

After successful completion of this course, Students will be able:

- 1. To gain knowledge of different fabrics and trimmings available in the market.
- 2. To enable students to learn the sourcing of various fashion materials
- 3. To enable the students to get the knowledge of different fabrics.
- 4. To learn the loom variations.

Bachelor of Vocation (Textile Design & Apparel Technology)

Semester-V

Survey and Project Report

(Practical)

BVTD-5238 Total Marks-50

Credit-4 Practical-40

Examination Time-3 hours CA-10

Course Content:

Market Survey on Fabrics- Handloom Fabrics, Power loom Fabrics and Trimmings & Notions

Students should give the presentation on their survey and submit the report at the end of the semester which includes Introduction, History, Types, Objectives and Collections of different fabric swatches during survey.

INNOVATION, ENTREPRENEURSHIP AND CREATIVE THINKING

Course Title: Innovation, Entrepreneurship And Creative Thinking

Nature of Course: Audit Course (Value-added)

Course Duration: 30 hours

Course intended for: Semester V students of undergraduate degree programme of-

B. Voc. (Textile Design & Apparel Technology)

Course Credits: 2 (For credit based continuous evaluation grading

system)

Course Code: SECI-5541

Objectives of the Course:

It is a distinctive and innovative programme structured to prepare the students professionally for meaningful social engagement by setting new patterns and possibilities for employment generation through innovations and entrepreneurship. The purpose of the course is to help students acquire necessary knowledge and skills required for carrying out innovative and entrepreneurial activities, and to develop the ability of analyzing and understanding business situations.

Learning Outcomes:

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

- * assess and analyze entrepreneurship as a career choice,
- ***** develop creative and innovative skills,
- ***** analyse the business environment in order to identify business opportunities,
- **consider the legal and financial conditions for starting a business venture,**
- ***** explain the importance of marketing and management in small businesses venture,
- develop a business idea into a comprehensive and highly scalable business model,
- design a successful business plan and launch their product or service in the market
- understand personal creativity, identify what are the creative tools and improve their creative problem-solving skills.
- ***** CURRICULUM

Course Code: SECI 5541 Course Credits: 2 Total contact hours: 30

MODULE	TITLE	HOURS
I	Introduction to Entrepreneurship	3 Hrs.
II	Creativity & Innovation	3 Hrs.
III	Entrepreneurial Competencies	3 Hrs.
IV	Management Skills & Functions	3 Hrs.
V	Business Opportunity Identification & Market Analysis	3 Hrs.
VI	Business Plan Preparation	3 Hrs.
VII	Business Model Canvas	3 Hrs.
VIII	Start-Up Financing & Launching	3 Hrs.
IX	Workshop on Design Thinking	4 Hrs.
X	Final Assessment Feedback and Closure	2 Hrs.

EXAMINATION

- Total Marks: 25 (Final Exam: 20; Internal Assessment: 5)
- Final Exam: Multiple Choice Questions: Marks- 20; Time: 1 hour
- **Internal Assessment:** 5 (Assessment: 3; Attendance:2)

A comprehensive multiple-choice quiz at the close of the programme. Marks: 3;

Time: 0.5 hour (30 minutes).

• **Total marks:** 25 converted to grade for final result.

Bachelor of Vocation (Textile Design & Apparel Technology) Semester-VI

Fashion Marketing and Merchandising

(Theory)

BVTL-6231

Course Outcomes:

After successful completion of this course, Students will be able:

- 1. To know about Fashion marketing and market.
- 2. To know about fashion Promotion and various care labels and brands of fashion.
- 3. To know the role and responsibilities of fashion merchandising.
- 4. To know about various elements of visual merchandising.

Bachelor of Vocation (Textile Design & Apparel Technology) Semester-VI

Fashion Marketing and Merchandising

(Theory)

BVTL-6231 Total marks-50
Credit-4 Theory-40
Examination Time-3 hours CA-10

The syllabus is divided in four sections as mentioned below

Instructions for the Examiners/Paper Setters and distribution of marks:

Eight questions of equal marks (8 each) are to be set, two in each of the four Sections (A-D). Questions of Sections A-D should be set from Units I-IV of the syllabus respectively. Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section.

UNIT-I

Fashion Marketing- Definition, concepts and functions

Fashion market and marketing environment

Market research, User's buying behavior

UNIT-II

Fashion Promotion-Channels of distribution

Sales promotion techniques

Exhibitions and sales

Care labels and brands

UNIT-III

Fashion Merchandising-Introduction, types of merchandiser and their role.

Fashion advertising: kinds of advertising

Publicity- campaigning, special events and fashion shows

UNIT-IV

Store planning and design

Windows & Interiors

Elements of Visual merchandising

- 1. Blythe Jim. Marketing Communication, Pearson Education. 2000.
- 2. Costabtino Maria. Fashion Marketing and PR. BtBatsford Ltd.1998.
- 3. Koiter. Marketing Management. Pearson Education. 2003.
- 4. Mike Easey. Fashion Marketing. Blackwell Science.2002.
- 5. Merchandise Buying & Management, John Donnellan, 2001, Farechild Books
- 6. Kitty G. Dickerson, Inside The Fashion Business, 7th Edition, 2003 Prentice hall
- 7. Elaine Stone, The Dynamics of Fashion, 2004, Fairchild
- 8. Jay Diamond; Ellon Diamond, The World of Fashion, 2007, Fairchild.
- 9. Gini Stephens Frings, Fashion from Concepts to Consumer, 1982, Prentice hall
- 10. Tony Hines, Fashion Marketing, 2006, Butter Worth Heinemann
- 11. Rosemary Varley, Retail Product Management: Buying and Merchandising, 2005, Routledge
- 12. John Giacobello, Careers in fashion Industry, 2000, Rosel Pub. Group

Bachelor of Vocation (Textile Design & Apparel Technology)

Semester-VI

Eco Textiles and Sustainable Clothing (Theory)

BVTL-6232

Course outcomes:

After successful completion of this course, Students will be able:

- 1. To learn about basic terminology related to Sustainable textiles & clothing.
- 2. To provide education about Eco-friendly chemical processing and dyeing.
- 3. To create awareness among students about recycling and up cycling in fashion and accessories.
- 4. To learn about various issues related to textile and clothing industry.

Bachelor of Vocation (Textile Design & Apparel Technology) Semester –VI

Eco Textiles and Sustainable Clothing

(Theory)

BVTL-6232 Total Marks-50
Credit-4 Theory-40
Examination Time- 3 hours CA-10

The syllabus is divided in four sections as mentioned below:

Instructions for the Examiners/Paper Setters and distribution of marks:

Eight questions of equal marks (8 each) are to be set, two in each of the four Sections (A-D). Questions of Sections A-D should be set from Units I-IV of the syllabus respectively. Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section.

Unit-I

- Introduction: Differences between chemical & green processes, rules/recommendations for using chemicals, raw materials & waste handling for sustainable textiles & clothing.
- Treatment and disposal of textile effluents. Treatment processes of sewage.

Unit-II

- Eco-friendly chemical processing: Modern approaches to eco-friendly wet processing of woven and knitted clothing. Red listed textile chemicals, their sources and remedies.
- Eco-friendly dyes and their method of dyeing.

Unit-III

 Introduction and importance of recycling and up cycling for growing source of innovative design in the fashion and accessories, processing, production and their applications.

Unit-IV

- Manufacturing rights- Ethical and environmental issues relating to textiles and fashion industry.
- Ethical, standard practices for sourcing of sustainable fashion clothing and accessory.

- a. Grammar of Textile Design-Nisbet Structural Fabric Design By-Kilby
- b. Fiber to Fabric By Ghosh
- c. Watson's Advance Textiles Design, Woodhead Publishing (1 January 1977)
- d. The Textile Book by Colin Gale; jasvir Kaur Berg, Berg Publishers (1 January 2002)

Bachelor of Vocation (Textile Design & Apparel Technology)

Semester-VI

Soft Skills and Communication

BVTM-6103

Course Outcomes:

At the end of this course, students will be able to:

- 1. To enhance interpersonal skills
- 2. To learn the technique of video conferencing
- 3. To develop the ability to write job application and resume
- 4. To practice group discussion and develop interview skills
- 5. To develop the ability to provide good customer service

Bachelor of Vocation (Textile Design & Apparel Technology)

Semester-VI Soft Skills and Communication

BVTM-6103 Total Marks-50
Credit- 4 Theory-25
Examination Time-3 hours Practical-15
CA-10

Instructions for the paper setters and distribution of marks:

The question paper will consist of four sections and distribution of marks will be as under:

- **Section-A:** Two questions of theoretical nature will be set from Unit I of the syllabus and the candidates will have to attempt one carrying 5 marks.
- **Section-B:** Two questions will be set from Unit II of the syllabus. Candidates will have to attempt one carrying 5 marks.
- **Section-C:** Two questions will be set from Unit III of the syllabus. Candidates will have to attempt one carrying 5 marks.
- **Section-D:** Two questions will be set from Unit IV of the syllabus. Candidates will have to attempt one carrying 5 marks.

Important Note: The candidate will have to attempt five questions in all selecting one from each section of the question paper and the fifth question from any of the four sections.

 $(5 \times 5 = 25)$

UNIT-I

1. Interpersonal Skills

UNIT-II

- 2. Customer service in apparel industry
- 3. Job application and Resume Writing

UNIT-III

4. Video Conferencing

UNIT-IV

- 5. Group Discussion
- 6. Interview Skills

Recommended Books:

1. Business Communication, by Sinha, K.K. Galgotia Publishers, 2003

Bachelor of Vocation (Textile Design & Apparel Technology)

Semester-VI

Soft Skills and Communication

(Practical)

BVTM-6103 Marks-15

Course Contents:

- Interview Skills
- Group Discussion
- Public speaking

Bachelor of Vocation (Textile Design & Apparel Technology) Semester-VI

Custom made Sewing

(Practical)

BVTP-6234

Course Outcomes:

After successful completion of this course, students will be able:

- 1. To gain the knowledge of client profile
- 2. To impact knowledge about customers on order stitching
- 3. To learn how to manage the boutique
- 4. To gain the knowledge about measurement charts, specification sheets and cost sheet

Bachelor of Vocation (Textile Design & Apparel Technology) Semester-VI Custom made Sewing

(Practical)

BVTP-6234 Total Marks-100
Credit-4 Practical-80
Examination Time-4 hours CA-20

Instructions for the Paper Setter:

Question paper of consist of 3 questions and a candidate has to attempt 2 out of these. Paper will be set on the spot by the examiner.

Course Content:

Prepare any four garments on order with specialization in themes given below with specification sheet, customer profile, and specs sheets.

- Kids wear
- Party wear
- Traditional wear
- Office wear
- Indo- western

Books Recommended:

- 1. The Art of couture sewing by Zoya Nudelman. Fairchild Books (1 January 2009)
- 2. The sewing Book, Alison Smith
- 3. Sewing Techniques and Patterns, Marie n Naelle Bayard
- 4. Complete Guide to Sewing, Readers Bigest
- 5. The ultimate sewing book, Maggi Mc Cormick Garden

Bachelor of Vocation (Textile Design & Apparel Technology) Semester-VI

Portfolio Development

(Practical)

BVTP-6235

Course Outcomes:

After successful completion of this course, students will be able:

- 1. To develop portfolio for different type of audiences
- 2. To rendering of different garments on the model with emphasis on the fabric, texture, color and style details
- 3. To learn drapability of various garment styles in a variety of fabrics stitched and draped are observed and illustrated
- 4. To exhibit the student inclination towards and particular segment of the industry by identifying target customers, design requirements and pricing.

Bachelor of Vocation (Textile Design & Apparel Technology) (Semester-VI) Portfolio Development

tolio Development (Practical)

BVTP-6235 Total

Marks-100

Credit-2

Practical-80

Examination Time-4 hours

CA-20

Instructions for the Paper Setter:

Question paper of Practical consists of 3 questions and a candidate has to attempt 2 out of these. Paper will be set on the spot by the examiner.

Course Content:

Portfolio based on Theme Work

- Theme Selection (5 themes)
- Development of different Mood boards, Story Board, Swatch Board
- Design development (4 designs)
- Customer Profile

Compile portfolio with previous best work

- 1. Ireland, Patrick John, Fashion Design Drawing and Presentation, 1996, B.T. Batsford London.
- 2. Allen and Seaman, Fashion Drawing the Basic Principles, 1994, B.T. Batsford, London.
- 3. Seaman, Julian, Professional Fashion Illustration, 1995, B.T. Batsford, London.
- 4. Drake and Nicholas, "Fashion Illustrations", 1995, Thames and Husdon, London.
- 5. Abling Bina, Fashion Sketch Book, 2006, by Fairchild publication

Bachelor of Vocation (Textile Design & Apparel Technology) Semester-VI

Technical Surface Designing-II

(Practical)

BVTP-6236

Course outcomes:

After successful completion of this course, students will be able:

- 1. To know about the different printing methods
- 2. To get the knowledge about varies techniques of tie and dye
- 3. To learn the various methods of fabric painting
- 4. To learn the quilting process

Bachelor of Vocation (Textile Design & Apparel Technology) Semester-VI

Technical Surface Designing-II (Practical)

BVTP-6236 Total Marks-50
Credit-2 Practical-40
Examination Time-4 hours CA-10

Instructions for the Paper Setter:

Question paper of Practical consists of 3 questions and a candidate has to attempt 2 out of these. Paper will be set on the spot by the examiner.

Course Content:

Prepare any three articles from below given techniques

- Stencil Printing
- Block Printing
- Screen Printing
- Tie and Dye
- Hand Painting

Books Recommended:

- 1. Indian Embroidery-Svitri Pandit, 1st edition (January 1, 1976)
- 2. Bhatnagar, Parul-Traditional Indian Textiles, Abhishek Publication (1 January 2009)
- 3. Abraham T.M, Handicraft of India, Graphics Columbia, New Delhi,1964,Mulk Raj Anand

Marg, Vol.VIII, 1954

4. Textiles Arts of India, Kyoto Shoin(1993)

Bachelor of Vocation (Textile Design & Apparel Technology) Semester-VI

Digital Designing and Display

(Practical)

BVTP-6237

Course Outcomes:

After successful completion of this course, students will be able:

- 1. To enable the students to organize exhibitions
- 2. To learn how to prepare displays
- 3. To empower them to set up fashion boutiques

Bachelor of Vocation (Textile Design & Apparel Technology) Semester-VI

Digital Designing and Display (Practical)

BVTP-6237 Total Marks-50
Credit-2 Practical-40
Examination Time-3 hours CA-10

Instructions for the Paper Setter:

Question paper of Practical consists of 3 questions and a candidate has to attempt 2 out of these. Paper will be set on the spot by the examiner.

Course Content:

- Digital designing and illustration for different kinds of design and display (any four)
- Window display for a specific Store Boutique and Shop
- Prepare Mood board and Story board and Props for display

- 1. Ireland, Patrick John, Fashion Design Drawing and Presentation, 1996, B.T. Batsford London.
- 2. Allen and Seaman, Fashion Drawing the Basic Principles, 1994, B.T. Batsford, London.
- 3. Seaman, Julian, Professional Fashion Illustration, 1995, B.T. Batsford, London.
- 4. Drake and Nicholas, "Fashion Illustrations", 1995, Thames and Husdon, London.
- 5. Abling Bina, Fashion Sketch Book, 2006, by Fairchild publication

Bachelor of Vocation (Textile Design & Apparel Technology) Semester-VI

Internship Report

(Practical)

BVTI-6238

Course Outcomes:

After successful completion of this course, students will be able:

- 1. To enhance the industrial experience during training
- 2. To understand develop and enhance professional awareness and communication skills
- 3. To learn how to work in formal working environment and the benefits of team work
- 4. To experience to understand, discuss and evaluate the professional issues relating to textile

Bachelor of Vocation (Textile Design & Apparel Technology) Semester-VI

Internship Report

(Practical)

BVTI- 6238 Total Marks-100

Examination Time-4 hours

The students will submit their Training Reports (in duplicate) within a period of one month in the department; this period shall be counted from the last date of completion of their training.

The supervisor in the organization under whose guidance the training is carried out will be required to grade the student's report.

Each student will be attached with one internal faculty guide, with whom they shall be in continuous touch during the training period. The internal faculty guide will be required to evaluate (20 marks) on the basis of the assessment report provided by the organization where the Training has been completed and his/her own assessment about the work done by the student.

The evaluation of the remaining (80 marks) shall be evaluated on the basis of presentation and the assessment report received from the organization where student has undergone.

Students can do their trainings in different areas of their interest- Garment Industry, Boutique, Fashion Stylist, Designer, fashion houses, Textile Industry.