

**OUTLINES OF TESTS  
SYLLABUS & COURSES OF READING  
For  
Bachelor of Vocation (Fashion Technology)**

**For  
Session- 2025-26, 2026-27**



**Department of Fashion Technology and Home Science**

**GURU NANAK COLLEGE BUDHLADA**

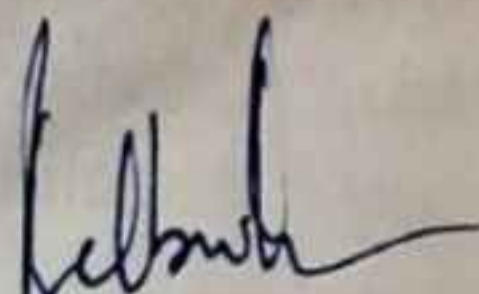
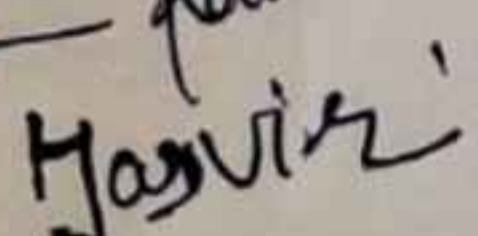
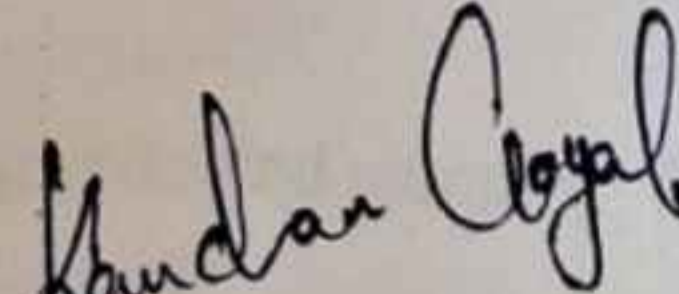
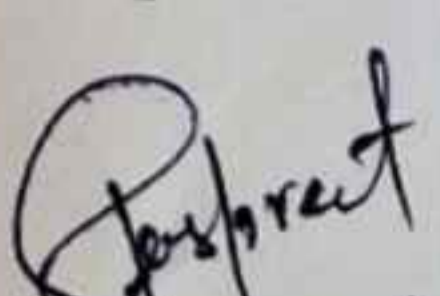
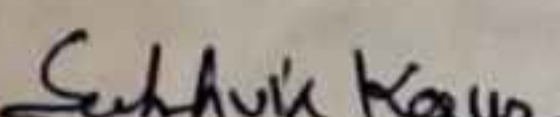
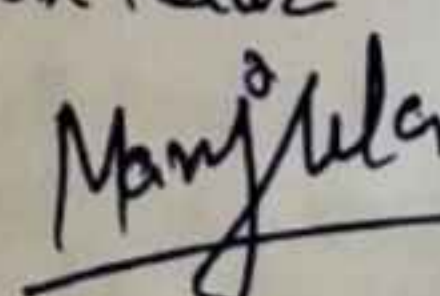
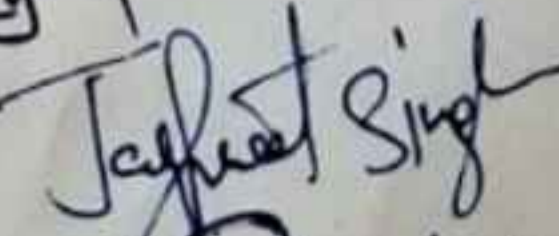
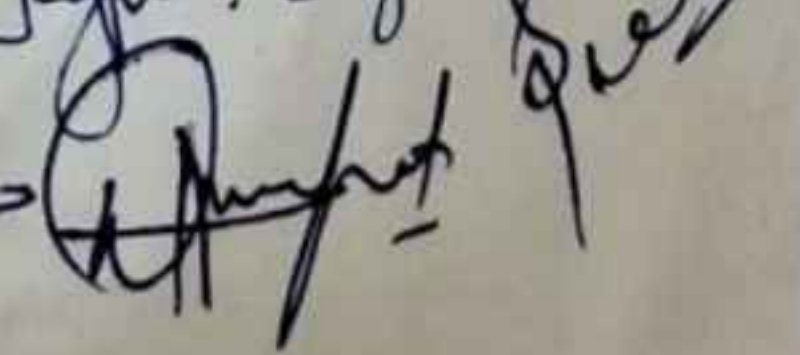
**(AN AUTONOMOUS COLLEGE)**

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**BACHELOR OF VOCATION FASHION TECHNOLOGY**  
**PROGRAMME CODE- BVFTB3GNC**  
**PART-I (SEMESTER-I<sup>st</sup>)**

Paper Code	Name of the Paper	Semester I			
		Internal	External	Total	Credit
PBIBVOC-501	Punjabi compulsory				
PBIB103-MG-1	Punjabi Mudra Gyan/ Elementary Punjabi	30	70	100	4
CSUG1101T	Introduction to Information Technology	15	35	50	2
CSUG1101L	Introduction to Information Technology Lab	15	35	50	2
BVFTB1102T	Communication skills	30	70	100	4
BVFTB1103T	Textile Science- I	30	70	100	5
BVFTB1104T	Sewing Technology	30	70	100	5
BVFTB1105P	Sewing Technology	00	100	100	4
BVFTB1106P	Design Illustration	00	100	100	4
Total		150	550	700	30

**BVFTB1103T: TEXTILE SCIENCE-I (THEORY)**

Time Allowed: 3 hours.

Pass Percentage: 35%

External Examination: 70

Internal Assessment: 30

Max. Marks: 100

**Course Objective-**

- 1) To introduce the fundamentals of textile fibers, yarns, and fabrics.
- 2) To understand the physical and chemical properties of natural and synthetic fibers.
- 3) To study the yarn manufacturing processes and their impact on fabric quality.

**Course Outcomes-**

- 1) Analyze fabric properties such as strength, elasticity, absorbency, and comfort.
- 2) Apply knowledge of fabric selection for various end uses like garments, upholstery, and industrial applications.
- 3) Understand the effects of finishes on fabric behavior and appearance.

**INSTRUCTIONS FOR THE PAPER SETTER**

The question paper will consist of three sections A, B and C. Each of sections A and B will have four questions from the respective sections of the syllabus and each question carry 12 marks. Section C will consist of one compulsory question having 11 short-answer typed questions carrying 2 marks each covering the entire syllabus uniformly.

**INSTRUCTIONS FOR THE CANDIDATES**

Candidates are required to attempt two questions each from section A and B of the question paper and the entire section C.

**SECTION – A**

- Basic Terminology- Staple, Filament, Carding, Combing, Roving, Drawing, Lapping, Silvering
- Introduction to textile- Indian textile industry, Scope of textile designing
- Classification of Textile Fibers based on their source.
- Manufacturing Process and Properties of different Fibers –
  - a) Cellulosic Fiber- Cotton, Linen
  - b) Protein Fibers- Wool and Silk
  - c) Synthetic Fibers- Polyester, Nylon
  - d) Re-generated Fibers- Rayon

**SECTION– B**

- Yarn Numbering system, Yarn Twist, Yarn Count
- Classification of Yarns
  - a) Simple Yarns- single Yarns, ply yarns, cords yarns, double yarns
  - b) Novelty Yarns- Slub, flak yarns, flock yarns, spiral yarns, retine yarns, boucle yarns, nub yarns, grandrelle yarns, chenille yarns, tweed yarns
  - c) Textured Yarns- stretch yarns (Thermoplastic filaments, Elastomeric fibers, Bicomponent fibers, biconstituent fibers, chemically treated), bulk yarns (High bulk yarns, Loop bulk yarns)
- Yarn Spinning-
  - a) Staple yarns-conventional ring spinning, open-end spinning, friction spinning, self-twist spinning, twist less spinning.
  - b) Filament yarns- wet, dry and melt spinning

**Recommended Books:**

- Dr. Rajwinder k. Randhawa, Clothing, textiles and their care, Pardeep publisher
- Introduction to TEXTILES, Kalyani Publishers
- Premlata Mullick 2006, Textbook of Textile Designing, Kalyani Publishers
- Varinder Pal Singh, Kanwar. Introduction to Textile. Ludhiana, Kalyani Publications

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**BVFTB1104T: SEWING TECHNOLOGY**

Time Allowed: 3 hours.  
Pass Percentage: 35%

External Examination: 70  
Internal Assessment: 30  
Max. Marks: 100

**Course Objective**

- 1) Understand body proportions and their impact on garment design.
- 2) Identify body measurements
- 3) Learn how different styles and cuts are adapted from basic blocks.

**Course Outcomes**

- 1) Gain in-depth knowledge of garment construction tools, techniques, and terminology.
- 2) Students will learn to use different machine tools

**INSTRUCTIONS FOR THE PAPER SETTER**

The question paper will consist of three sections A, B and C. Each of sections A and B will have four questions from the respective sections of the syllabus and each question carry 12 marks. Section C will consist of one compulsory question having 11 short-answer typed questions carrying 2 marks each covering the entire syllabus uniformly.

**INSTRUCTIONS FOR THE CANDIDATES**

Candidates are required to attempt two questions each from section A and B of the question paper and the entire section C.

**Section-A****Anthropometric / body measurements**

- Equipments required
- Different types of taking measurements for clothing construction
- Care to be taken while taking measurements.

**Sewing equipments and supplies**

- Measuring Equipments
- Pinning and Marking Equipments
- Cutting Equipments
- Stitching Equipments
- Finishing Equipment

**Sewing Machines**

- History of sewing machine
- Parts, Functions and machines attachments
- Care and Maintenance of sewing machine
- Industrial Sewing Machines

**Principle of Sewing**

- Selection of needle, thread and stitches according to fabric
- Safety and Security in tailoring workplace

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Jasvitz

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Jaspreet

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Suhani Kaur  
Mangla

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Jagmeet Singh

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## Section- B

Basic Terminology: Grain line, Bias, Tacking, Binding, Selvedge, Facing, Girth, Seam, Stitch, Across back, Across front, Shuttle, Pleats, Tucks, Gathers, Corners, Casings, facing, inter facing, Seam finishing, Seam allowances, Ease, Notches, silhouette, trimming, Dart, Hem, Basting, Lining.

Fabric Preparation & cutting -

- Pre- shrinking of fabric
- Grain Perfection- Importance of grain in cutting and construction
- Straightening the fabric
- Methods of fabric cutting

Basic Sewing Skills

- Supporting Fabrics: - lining, interlining, underlining, facing, interfacing
- Garment detail:-Plackets, Pockets, Yokes, Fasteners, Trimmings, Pressing
- Process of Fullness: Reducing fullness of garment:-darts, tucks,  
Adding fullness to garment:-Pleats, frills, gather, ruffles.

Recommended Books:

- Dr.Rajwinder k. Randhawa, Clothing, textiles and their care, Pardeep publisher
- Dr. Neelam Grewal, Text Book of Home Science ( Clothing and Textiles) AP Publishers
- Varinder pal Singh, clothing, textiles and their care. Pardeep publisher
- Chandana Rajput, Garment construction and pattern making, AP publishers
- Krishna Brothers, Sewing Technology, Jalandher

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Jasvir

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Sukh Kaur

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Jagmeet Singh

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Manjula  
Sreena

**BVFTB1105P: SEWING TECHNOLOGY**

Max. Marks: 100

Pass Percentage: 35%

**Course Objective**

1. To introduce students to basic garment construction techniques through hands-on practice.
2. To develop foundational skills in cutting, stitching, and assembling simple garments.
3. To teach accurate body measurements and application in practical garment fitting.

**Course Outcomes**

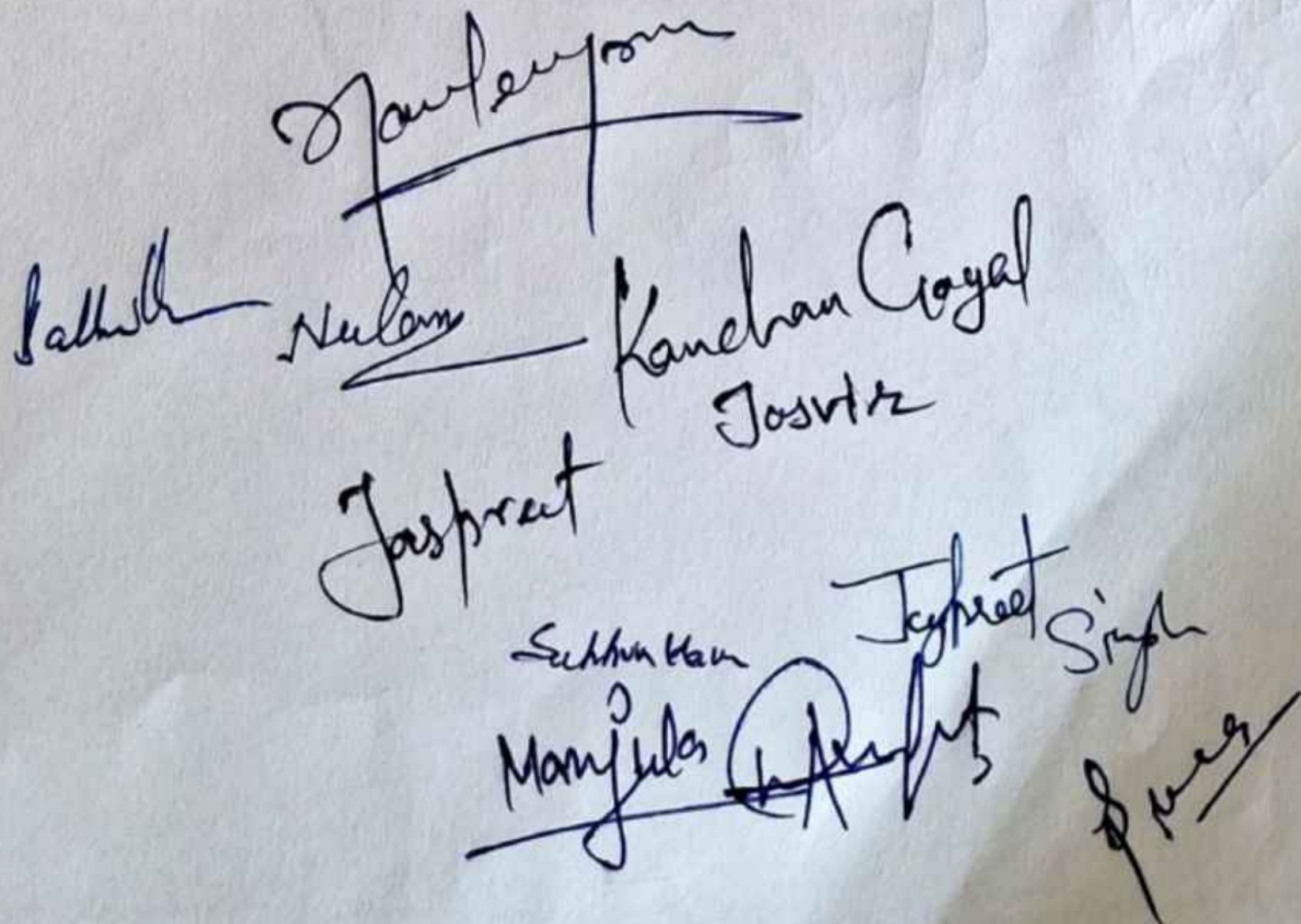
1. Take and record accurate body measurements.
2. Identify and use garment construction tools and machines properly.
3. Cut fabric pieces accurately using patterns.

**Experiments-**

- Basic Hand Stitches:-  
Basting-even, uneven and diagonal, Tailor's tacks, and Back stitch, hemming visible and invisible
- Paper pattern development for child's bodice block-front and back and sleeve
- Sewing Technology Exercise of machine's control on speed and fabric exercises
- Different types of seams and seam finishes:  
Seams- Plain, French, Run and fell, lap, piped, counter seam, counter hem,  
Seam finishes- Overcast seam finish, double stitched finish, edge stitched seam, bound seam finish
- Application of shaping devices:  
Tucks- Plain, cross, shell, released, group.  
Pleats -knife, box, inverted box, kick.  
Gathers
- Necklines- Round, square, V shape etc
- Plackets- Two piece, continuous wrap and their application according to suitability on Different garments
- Application of Fasteners: Buttons and buttonhole, hooks and eyes, hammer ones, Velcro, Buckles, Zippers

**Recommended Books:**

- Dr. Rajwinder k. Randhawa, clothing, textiles and their care. published: Pardeep
- Dr. Neelam Grewal, Text Book of Home Science ( Clothing and Textiles) AP Publishers
- Varinder pal Singh, clothing, textiles and their care. published: Pardeep
- Krishna Brothers, Sewing Technology, Jalandher
- Chandana Rajput, Garment construction and pattern making AP Publishers


  
 The bottom section of the page contains several handwritten signatures in black ink. From top to bottom, the signatures are: a large signature that appears to be 'Jaspreet', a signature that looks like 'Nulam', a signature that looks like 'Kanchan Goyal', a signature that looks like 'Jasvire', a signature that looks like 'Jaspreet', a signature that looks like 'Sukhman', a signature that looks like 'Manjula', a signature that looks like 'Jaspreet Singh', and a signature that looks like 'Suresh'.

**BVFTB1106P: DESIGN ILLUSTRATION**

Max. Marks: 100

Pass Percentage: 35%

**Course Objectives-**

1. Developing creativity and visual skills.
2. Developing drawing and sketching skills.

**Course Outcomes-**

1. Creating cohesive and aesthetically pleasing designs.
2. Enhancing fashion design skills.

**Experiments-**

- Sketching of stick figures
- Make Block figures 8½, 10 and 12 heads, front, back and ¾ profiles
- Conversion of block figure to fleshing figures.
- Draw features eyes, nose, ear, lips, face, hand movements, arms, feet, legs and hair style.
- Depicting various silhouettes on fashion figures
- Study in detail of pencil and color with light and shade of different types of folds, gathers and shades in fabrics in dresses.

**Recommended Books:**

- Dawber, Martin. Book of Fashion Illustration .UK.Batsford,2007
- John, Patrick. Fashion Design Illustration .UK.Batsford,1996
- Allen, Anny, Seaman. Fashion Drawing The Basic Principals .UK.Batsford,1993
- Fashion drawing – magazine of Thailand

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Balsukh

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Neelam

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Ranchari  
Jasvika

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Jaspreet

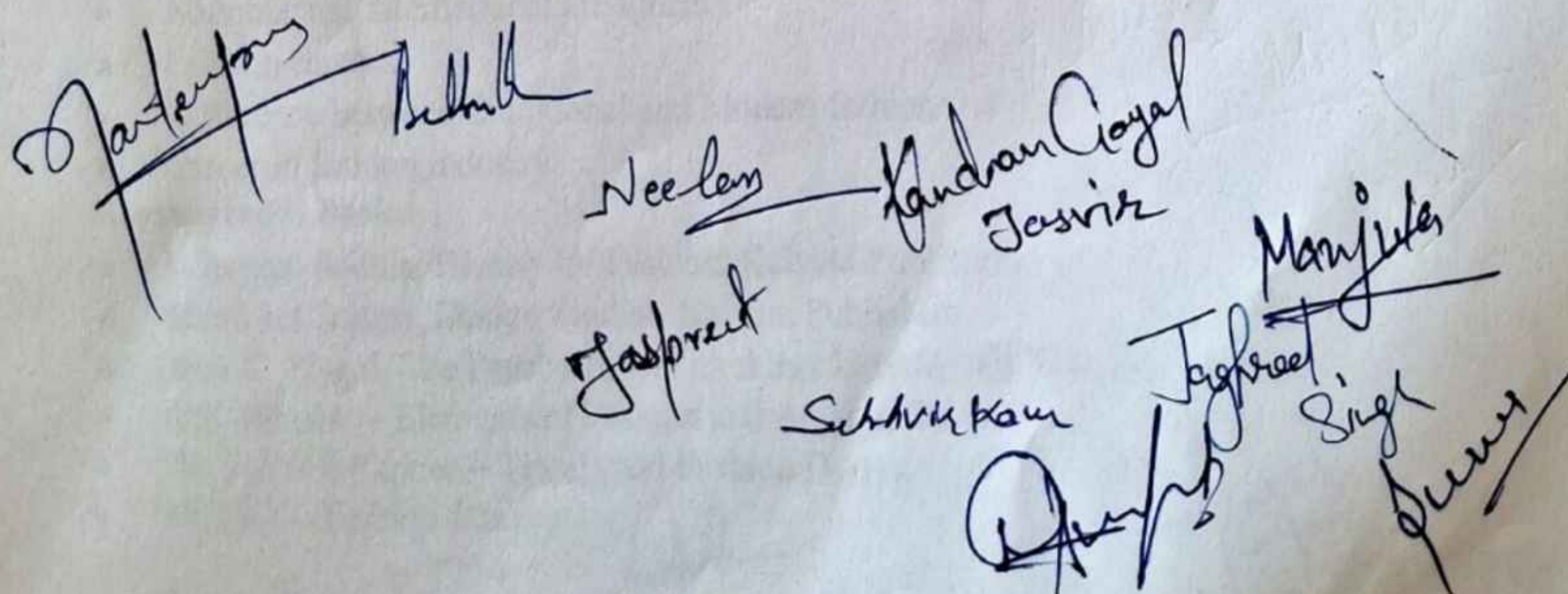
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Jagmeet Singh  
Manjula

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Semester II					
Paper Code	Name of the Paper	Internal	External	Total	Credit
PBIBVOC-502	Punjabi compulsory	30	70	100	4
PBIB103-MG-2	Punjabi Mudla Gyan/ Elementary Punjabi				
CSUG1201T	Fundamentals of window Operating System & Internet	15	35	50	2
CSUG1201L	Fundamentals of window Operating System & Internet Lab	15	35	50	2
BVFTB1202T	Fashion Studies	30	70	100	5
BVFTB1203T	Drafting and Pattern Making	30	70	100	4
BVFTB1204T	Textile Science-II	30	70	100	5
BVFTB1205 T	Fundamentals of Design	30	70	100	4
BVFTB1206P	Pattern Making & construction Technology	00	100	100	4
DAUGC1201T	**Drug Abuse: Problem, management & Prevention (Theory)	compulsory qualifying paper as per for university guidelines			
Total		180	520	700	30

\*\* Drug Abuse: Problem, management & Prevention (Theory) is compulsory qualifying paper as per for university guidelines, the marks of this paper are not conducted for the total marks for the degree.


  
 Neelem  
 Jaspreet  
 Sandran Goyal  
 Jeevika  
 Manjula  
 Jagmeet  
 Singh  
 Sushant Kumar  
 Pooja  
 Pooja

External Examination: 70  
Internal Assessment: 30  
Max. Marks: 100

**Course Objectives:**

- Max. Marks: 100
- Objectives:**
1. Understand the fundamental concepts of fashion and its importance
  2. Analyze fashion classifications, factors, and cycles
  3. Apply fashion theories and terminology in practical contexts
- Course Outcome**
1. The student

**Course Outcome**

1. The student will be able to explore various aspects of fashion, including definitions, classifications, theories, forecasting, fashion shows,
2. The students will gain knowledge about international and Indian fashion centers, and influential designers.

### INSTRUCTIONS FOR THE PAPER SETTER

**INSTRUCTIONS FOR THE PAPER SETTER**  
The question paper will consist of three sections A, B and C. Each of sections A and B will have four questions from the respective sections of the syllabus and each question carry 12 marks. Section C will consist of one compulsory question having 11 short-answer typed questions carrying 2 marks each covering the entire syllabus uniformly.

## INSTRUCTIONS FOR THE CANDIDATES

**INSTRUCTIONS FOR THE CANDIDATES**  
Candidates are required to attempt two questions each from section A and B of the question paper and the entire section C.

## SECTION-A

- ### SECTION-A
- Fashion Terminology– Fashion, Style, Fad, Classic, Trend, High Fashion, Haute Couture, Designer, Mass Fashion, Accessories, Fashion Consultant, Fashion Cycle, Fashion Forecast, Fashion Show, Knock-off, Prêt-a-porter, Atelier
  - Fashion definition, scope importance, sources of fashion and fashion services
  - Principles of fashion
  - Fashion Cycle
  - Theories of Fashion adoption–Trickle Up Theory, Trickle down Theory, Trickle across Theory
  - Factors influencing Fashion
  - Fashion forecasting

## SECTION-B

- Role and Importance of fashion in society
- International Fashion centers- Paris, Milan, London, New-York Indian Fashion Centers- Mumbai, Kolkata, Delhi
- Fashion Leaders and Followers
- National and International Designers
- Fashion centers
- Difference between Traditional and Modern fashion
- Career in fashion industry

### Recommended Books:

- Manmeet Sodhia, History Of Fashion, Kalyani Publishers
- Manmeet Sodhia, Design Studies, Kalyani Publishers
- John.C, Flugel, The Psychology of clothing, International Universities Press
- G.J. Sumathi – Elements of Fashion and Apparel Design
- Dr. Santosh Kapoor – Textile and Fashion Design
- NCERT – Fashion Studies

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- NCERT – Fashion Studies

*[Handwritten signatures and names are present below the list, including: Santosh Kapoor, Jaspreet, Neelem, Manjula, Sandhan Lal, Joshi, Jagdeep Singh, and Subhankar.]*

**BVFTB1203T: DRAFTING AND PATTERN MAKING**

Time Allowed: 3 hours.

Pass Percentage: 35%

External Examination: 70

Internal Assessment: 30

Max. Marks: 100

**Courses Objectives:**

1. Understanding Garment Construction
2. Mastering Pattern Making Techniques
3. The ability to create accurate patterns is crucial for efficient garment production, minimizing waste and ensuring consistent fit.

**Course Learning Outcomes:**

1. Students learn to accurately take and interpret body measurements, which are crucial for creating properly fitting patterns.
2. Students gain an understanding of how patterns affect the fit and balance of a garment, and how to make adjustments for optimal results.
3. Pattern making enables students to interpret design ideas and translate them into practical patterns.

**INSTRUCTIONS FOR THE PAPER SETTER**

The question paper will consist of three sections A, B and C. Each of sections A and B will have four questions from the respective sections of the syllabus and each question carry 12 marks. Section C will consist of one compulsory question having 11 short-answer typed questions carrying 2 marks each covering the entire syllabus uniformly.

**INSTRUCTIONS FOR THE CANDIDATES**

Candidates are required to attempt two questions each from section A and B of the question paper and the entire section C.

**SECTION – A**

- Basic Terminology:- Paper pattern, templates, seamless pattern, block, Grain Line, corollary, working pattern, production pattern, design specification sheet, cost sheet, land marks, working pattern, grading, Bust point, balance, notches, draping, ease, dart, pattern plot pivotal point, bias cut, flat pattern making,
- Introduction to Drafting, Do's and Don'ts while drafting and importance of drafting
- Introduction of Pattern Making and Tools used in Pattern making.
- Introduction and Importance of Pattern
- Precautions to kept in mind while making Patterns
- Methods of Pattern Development –Flat pattern, Slash and spread and pivot methods
- Basics of Commercial paper pattern

**SECTION – B**

- Grading- types of grading, principle of grading
- Layout/Fabric estimation and its importance.
- Fitting: good fitting principles, fitting problems and their solution.
- Draping: Introduction, equipments required, Draping procedure,
- Advantages and disadvantage of draping.
- Difference between drafting, pattern making and draping.

**Recommended Books:**

1. Garment Construction by Manmeet Sodhia, Kalyani Publishers
2. Garment Construction Skills by Premlata Mullick, Kalyani Publishers
3. Garment Construction And Pattern Making (Fashion Designing), by Chandana Rajput, AP Publishers, Jalandhar
4. Clothing, Textiles and their Care, Dr. Rajinder K. Randhawa, Pradeep's Publications, Jalandhar
5. Patternmaking for Fashion Design, Helen Joseph- Armstrong, Published by Dorling Kindersley
6. Martin M.Shoben. Pattern cutting making up. New Delhi, CBS Publishers, 1996

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**BVFTB1204T: TEXTILE SCIENCE-II**

Time Allowed: 3 hours.  
Pass Percentage: 35%

External Examination: 70  
Internal Assessment: 30  
Max. Marks: 100

**Courses Objectives**

1. To understand textile materials and their properties.
2. To analyze and identify different fibers, yarns, and fabrics.
3. To test and evaluate textile performance characteristics.

**Course Outcomes**

1. To understand how different fabrics are made.
2. To learn various techniques for creating textiles.
3. To develop skills in designing and creating fabrics.

**INSTRUCTIONS FOR THE PAPER SETTER**

The question paper will consist of three sections A, B and C. Each of sections A and B will have four questions from the respective sections of the syllabus and each question carry 12 marks. Section C will consist of one compulsory question having 11 short-answer typed questions carrying 2 marks each covering the entire syllabus uniformly.

**INSTRUCTIONS FOR THE CANDIDATES**

Candidates are required to attempt two questions each from section A and B of the question paper and the entire section C.

**Section-A**

- Basic loom-Parts of a simple loom and its functions
- Different types of loom:
  - a) Shuttle loom
  - b) Shuttle less loom(rapier, gripper, multiphase, air jet, water jet)
  - c) Difference between Shuttle and shuttle less loom
- Weaving – Introduction and types of Weaves-
  - a) Plain weave- Rib weave, Basket, Twill- right handed twill, left handed twill, even & uneven twill, Satin, Sateen
  - b) Decorative weaves- Pile, Double cloth weave, leno, Swivel, Tapestry, Dobby, Jacquard weave, Backed fabrics

**SECTION -B**

- Knitting: Introduction,
- Introduction to basic Knitting Machines - flat bed & circular
- Classification of knitted fabric- Warp & Weft knit
- Difference between Knitting and weaving
- Different types of knitting machine needles and their working
- Non-Woven fabrics - Felting, knotting, Bonding, Lace making and braiding
- Difference between woven and non-woven fabrics

**Recommended Books:**

- Dr. Rajwinder k. Randhawa, clothing, textiles and their care. published: Pardeep
- Introduction to TEXTILES, Kalyani Publishers
- Premlata Mullick, 2006, Textbook of Textile Designing, Kalyani Publishers
- Bhatnagar, Parul. Elementary Textiles. Agra. Abishek Publications ,2002
- Varinder Pal Singh, Kanwar. Introduction to Textile. Ludhiana, Kalyani Publications

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**BVFTB1205T: FUNDAMENTALS OF DESIGN**

Time Allowed: 3 hours.  
Pass Percentage: 35%

External Examination: 70  
Internal Assessment: 30  
Max. Marks: 100

**Course Objectives-**

1. Modify basic patterns to create different styles and silhouettes based on design requirements.
2. Understand fundamental design elements (line, shape, color, texture, space, form).
3. Learn principles of design such as balance, contrast, harmony, rhythm, proportion, and unity.

**Course Outcomes-**

1. Train the eye to observe and analyze visual compositions in nature, art, and design.
2. Use color schemes and combinations purposefully in design to evoke mood, meaning, or function.
3. Compile and present a selection of design works that reflect core learning and creative growth.

**INSTRUCTIONS FOR THE PAPER SETTER**

The question paper will consist of three sections A, B and C. Each of sections A and B will have four questions from the respective sections of the syllabus and each question carry 12 marks. Section C will consist of one compulsory question having 11 short-answer typed questions carrying 2 marks each covering the entire syllabus uniformly.

**INSTRUCTIONS FOR THE CANDIDATES**

Candidates are required to attempt two questions each from section A and B of the question paper and the entire section C.

**SECTION-A**

- Design definition – Meaning, Importance, Concept and aspects of design
- Elements of Design and their application
- Principles of Design and their application
- Color wheel, color scheme and Techniques of color mixing
- Color Contrast and Attributes: Interaction, Harmony, Psychology, Mood, Culture and Expression.
- Classification of design-
  - a) Applied design- Painting, Embroidery, Dyeing, Printing and Finishing
  - b) Structural design- Through variation in fiber, yarn, fabric construction and Development

**SECTION:-B**

- Study of different motifs of textile design- Natural, Decorative, Geometric and Abstract
- Designs in Fabric- motifs and patterns, types of motifs, placement of motives in pattern, understanding layouts and repeats of patterns in garments, importance of fabric design in garment construction, effect of fabric design on body appearance
- Concept of design process-
  - a) Sources of designs and design ideas
  - b) Research in relation to design
  - c) Exploration and Conceptualization of design
  - d) Design development worksheet

**Recommended Books:**

- Color Harmony a Guide to creative color combinations-Bride M. Whelan
- Designer guide to color-Volume - 1 - 5 -James Stockton
- A Basic Study-Bhagwat Gajanan
- Basic Design & Anthropometry-S.V. Bapat
- Textbook of Textile Designing, by Premlata Mullick

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**BVFTB1206P: PATTERN MAKING & CONSTRUCTION TECHNOLOGY**

Max. Marks: 100

Pass Percentage: 35%

**Course Objective-**

1. To create accurate templates for garment construction.
2. To ensure good fit and proportion.
5. To bring design concepts to life.

**Course Outcomes-**

1. Accurate garment construction
2. Good fit and comfort
3. Reduced fabric waste

**Contents-**

Study of body measurements and Standardization size Chart for Children.

**Drafting and Pattern:-**

- Drafting of Child Bodice block and child sleeve block
- Types of Sleeves:- plain sleeve, Puff Sleeve, Cap Sleeve, Bell Sleeve, Umbrella Sleeve, Flaired Sleeve, Tulip sleeve, Hanky sleeve, Magyar sleeve, Kimono sleeve.
- Collars: - peter pan, two-piece peter pan, bishop, cape, Chinese, flat tennis.

**Drafting and Construction of the Following:-**

- Panty, Bloomer
- Romper
- Sundress
- Apron
- Salwar Suit

**Recommended Books:**

- Drafting & Draping by Manmeet Sodhia Publication Kalyani
- Pattern Making for Fashion Design 4<sup>th</sup> edition
- Basic Process and Clothing Construction by Shree Doongaji and Roshani Desh Pande Publisher Unique Education Books. Raj Parkashan. New Delhi.

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Belbake, Nulay, Kanchan Goyal, Jasvire, Sathvika, Manjula, Deepreet, Gauri

**DAUGC1201T: DRUG ABUSE: PROBLEM, MANAGEMENT & PREVENTION**

Syllabus as per university guidelines

\*\*\* Qualifying Exam

*Handwritten signatures and names:*  
Jaspreet Kaur  
Nulam  
Jasvirk Kaur  
Kanchan Goyal  
Seena  
Mangula