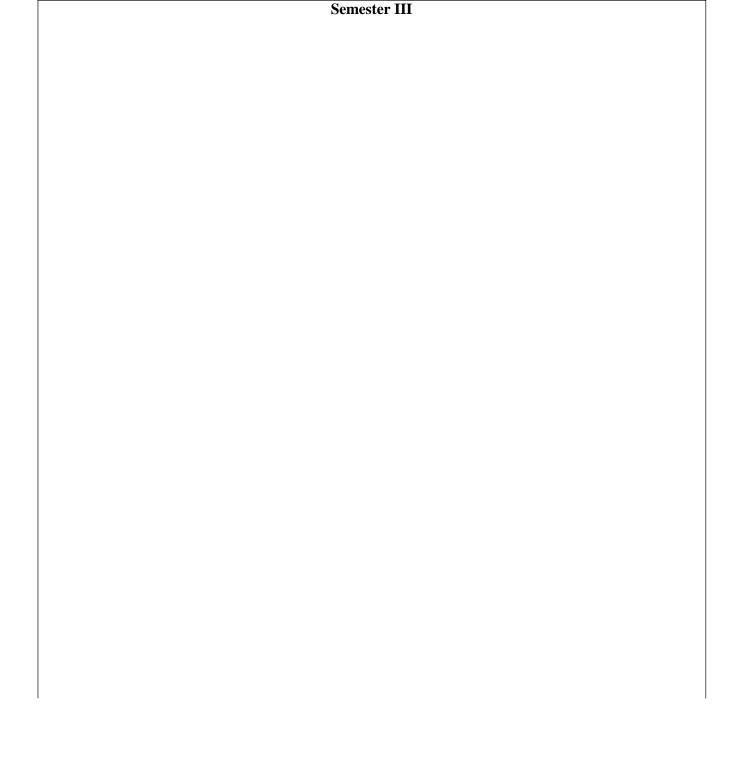


# **SCHEME OF B.Voc.**(Fashion Technology and Apparel Design)

(SEMESTER SYSTEM)

	Semester I							
Paper Code	Title	Generic/ Skill Component	Theory/ Practical	Internal (Theory)	External (Theory)	Internal (Practical)	External (Practical)	Credit
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	Semester V							
Paper Ti Code	tle	Generic/ Skill	Theory/ Practical		External	Internal (Practical)	External (Practical)	Credit

# SEMESTER I

Paper Title: FTD 103 BASIC ELEMENTS OF DESIGN

Theory: 40

Practical: 40

**Internal Assessment: 10** 

Time: 3 hours

### **Instructions for Practical Paper**

- 1. Examiner will set total of four questions covering the whole syllabus.
- 2. Student will attempt any three questions.
- 3. Each question carries 5 marks.
- 4. Practical work carries 20 marks and 5 marks for viva-voce.
- 5. Practical paper will be conducted by the college in collaboration with the respective experts and marks will be submitted to Panjab University.

1. Motif: Realistic, geomet

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### Paper Title: FTD 104 BASIC SEWING TECHNIQUES

Theory: 40

**Internal Assessment: 10** 

Time:3 hours

Job Role: Level 4- Assistant Designer

**Level 5- Sampling Coordinator** 

**Objective:** To make them aware of appropriate tool of stitching. To create awareness about threads and their classification.

#### **Instructions for Examiner:**

- 1. The syllabus of this paper has been divided into FOUR units.
- 2. Examiner will set a total of NINE questions comprising Two questions from each unit, including Question No. 1 (compulsory) of short answer type covering the whole syllabus.
- 3. The students are required to attempt one .58327(c)-3.91642(om)-3.25012(o3315(i)-3.25010 a)-3.91642(at)-0.33

Making samples of the following:

1. Basic hand stitches – basting-even, uneven, diagonal; tailor's tacks; back stitch; hemming- visible, invisible.

#### Paper Title: FTD 105 SURFACE ORNAMENTATION TECHNIQUES

Practical: 80

**Internal Assessment: 20** 

Time: 3 hours

### **Instructions for Practical Paper**

Examiner will set total of four questions covering the whole syllabus.

- 1. Student will attempt any three questions.
- 2. Each question carries 15 marks.
- 3. Practical work carries 30 marks and 5 marks for viva-voce.

Practical paper will be conducted by the college in collaboration with the respective experts and marks will be submitted to Panjab University

- 1. Flat Stitches Running Stitch, Back Stitch, Stem Stitch, Satin Stitch, Couching Stitch, Cross Stitch, Herringbone Stitch,
- 2. Loop Stitches- Chain Stitch, Lazy-daisy Stitch, Button hole Stitch, Blanket Stitch, Fishbone Stitch, Feather Stitch, fly Stitch,
- 3. Knotted Stitches- French knot Stitch, Double knot Stitch, Bullion knot Stitch
- 4. Decorative designs-Cross Stitch , Tapestry Stitch, Shadow work, Mirror work, English Smocking, Cut work, Sindhi Work.
- 5. Patchwork and Appliqué
- 6. Handling & Preparation of Computerized Embroidery Machine
- 7. Making products using above techniques

### **Suggested Resources for Reading:**

- 1. Shailaja D. Naik, "Traditional Embroideries of India" (1995)
- 2. Rustam; J. Mehta, "Masterpieces of Indian Textiles", (1970), D.B. Taraporevala Sons & Co., Pvt.Ltd.
- 3. Chattopadhyay K, "Indian Embroidery", Wiley Eastem Ltd., New Delhi' 1977

### **References Resources:**

- 1. Abraham T.M. Handicraft of India, Graphics Columbia, New Delhi, 1964, Mulk Raj AnandMarg, Vol. VIII, 1954.
- 2. Dongerkery, Kamala S. Romance of Indian Embroidery, 1951, Thacker & Co., Ltd. Bombay,
- 3. DhamijaJasleen. The Kanthas of Bengal, 1971, The Times of India Annual.

#### Semester II

Paper Title: GC 202 - BUSINESS ETHICS

Theory: 80

**Internal Assessment: 20** 

Time:3 hours

Job Role: Level 4- Assistant Designer

**Level 5- Sampling Coordinator** 

**Objective:** The objective of this paper is to familiarize the students with the importance of ethics in business and understanding of issues related to corporate social responsibility and corporate governance.

#### **Instructions for Examiner:**

- 1. The syllabus of this paper has been divided into FOUR units.
- 2. Examiner will set a total of NINE questions comprising Two questions from each unit, including Question No. 1 (compulsory) of short answer type covering the whole syllabus.
- 3. The students are required to attempt one question from each unit and the entire Compulsory Question No. 1.
- 4. All questions carry equal marks.

#### Unit 1

Business Ethics: Meaning and Concept, Principles of Business Ethics, Characteristics of Ethical Organisations, Theories of Business Ethics.

#### **Unit-II**

Globalization and Business Ethics, Stakeholder's Protection, Corporate Governance and Business Ethics. Ethical Issues in Indian Business.

**Unit - III** 

### **Suggested Resources for Reading:**

- 1. J.P. Sharma, Corporate Governance, Business Ethics & CSR, Ane Books Pvt. Ltd., Nee Delhi.
- 2. Andrew Crane, Dirk Matten, Business Ethics, Oxford University Press, New Delhi.
- 3. Daniel Albuquerque, *Business Ethics, Principles and Practices (Indian Edition)*, Oxford University Press, New Delhi
- 4. Fr. Floriano C. Roa, Business Ethics and Social Responsibility, Rexestore.
- 5. O. C. Ferrell, John Fraedrich, Linda-0.33315(e)-3.91642(l)-3.25012(l)-3.25012(, J)-6.8334(oh)10.4167(n F)15(.

### Paper Title: FTD 203: PATTERN MAKING AND DRAPING

Theory: 40

**Internal Assessment: 10** 

Time:3 hours

Job Role: Level 4- Assistant Designer

Practical: 40

**Internal Assessment: 10** 

Time: 3 hours

**Instructions for Practical Paper** 

Practical: 40

**Internal Assessment: 10** 

Time: 3 hours

### **Instructions for Practical Paper**

- 1. Examiner will set total of four questions covering the whole syllabus.
- 2. Student will attempt any three questions.
- 3. Each question carries 5 marks.
- 4. Practical work carries 20 marks and 5 marks for viva-voce.
- 5. Practical paper will be conducted by the college in collaboration with the respective experts and marks will be submitted to Panjab University.

### Simple Sketching a) Stick figures- Straight and bead

- 1. Block figure- normal block, child block and female block.
- 2. Fashion figure- a) normal, eight, ten and twelve head figure.
- 3. Structure of hands, legs & feet, facial- proportions & drawing of hair.
- 4. Sketching of gathers, pleats, frills and flounces, necklines, sleeves, collars.
- 5. Fashion illustration for different occasions
- 6. Drawing of accessories- shoes, bags, purses, belts, hats and caps.
- 7. Drawing of Jewellery

### **Suggested Resources for Reading:**

- 1. Fashion drawing- magazine of Thailand
- 2. Fashion Drawing- The basio principles by Allen & Julian Seaman.
- 3. Fashion Illustration- BinaAbling
- 4. Fashion Drawing Designs- Magazine of Thailand
- 5. Designing book for children garment:
- 6. All volumes and Kiddys
- 7. All volumes of faces
- 8. Innovative fashion sketching by Rita Gerstem

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### Paper Title: FTD 205 APPAREL CONSTRUCTION BASIC TECHNIQUES

Practical: 80

**Internal Assessment: 20** 

Time: 3 hours

Job Role: Level 4- Assistant Designer

**Level 5- Sampling Coordinator** 

**Objectives:** To have working knowledge of slopers in sewing. To understand the basics of apparel construction

#### **Instructions for Practical Paper**

Examiner will set total of four questions covering the whole syllabus.

- 1. Student will attempt any three questions.
- 2. Each question carries 15 marks.
- 3. Practical work carries 30 marks and 5 marks for viva-voce.

Practical paper will be conducted by the college in collaboration with the respective experts and marks will be submitted to Panjab University

Making samples of the following using Child bodice block slopers

- 1. Necklines—Construction and finishing of different types of necklines. (Facing and binding on different neck shapes).
- 2. Sleeves: plain, puff, flared, bell, umbrella, cap, magyar, bishop, leg-o-mutton, raglan.
- 3. Collars: peter pan, flat & roll, shawl, sailor, mandarin, wing.
- 4. Yokes –one piece, two pieces, with and without fullness.
- 5. Placket overlap: one side extended; both sides extended; rugby placket; concealed placket with buttons.
- 6. Application of shaping devices: Tucks plain, cross, shell, released, group.
- 7. Pleats knife, box, inverted box, cartridge and kick, Gathers.

#### **Suggested Resources for Reading:**

- 1. Connie Amaden-Crawford ,A Guide to Fashion Sewing, Fourth Edition, 1992, Fairchild
- 2. Publications.

- 3. Dorothy Wood, The Practical Encyclopedia of Sewing, 1999, Lorenz Books, Anness Publishing Ltd., New York.
- 4. Connie Long, Clarke Barre, Easy Guide to Sewing Blouses( Sewing Companion Library),1997, The Taunton Press, Inc.

#### **SEMESTER III**

Paper Title: GC 302 - E-COMMERCE

Theory: 80

**Internal Assessment: 20** 

Time:3 hours

### Job Role:---- Industrial Engineer(IE) Executive

**Objective :** The objective of this paper is to provide fundamental knowledge to the students about E-Commerce so that they can better perform in any area of operation and can excel in the field of commerce with IT specialization.

#### **Instructions for Examiner:**

- 1. The syllabus of this paper has been divided into FOUR units.
- 2. Examiner will set a total of NINE questions comprising Two questions from each unit, including Question No. 1 (compulsory) of short answer type covering the whole syllabus.
- 3. The students are required to attempt one question from each unit and the entire Compulsory Question No. 1.
- 4. All questions carry equal marks.

#### **UNIT I**

Electronic Commerce Framework, Basics and Tools of E-Commerce, Comparison of Web-based with Traditional Business; Growth of E-Commerce – Present and potential. E-Business: Meaning, Importance, Models Based on the Relationships of Transacting Parties (B2B, B2C, C2C and C2B), Present Status of E-Commerce in India.

#### **UNIT II**

Changing Structure of Organization – The Impact of E-Commerce on supply chain management and (c)-3.912(ud)11-0.33315(C)n2(i)7.16655(o2(ng)10.41.917(m)-338(t)-(a)6.50025(7( of)10.0u642(ns)-6.8)-3.91642(.58327(a)

#### **UNIT-IV**

**Enterprise Resource Planning**: The Emergence of ERP Systems, Business benefits of ERP, ERP Modules and design alternatives, challenges of ERP implementation, Business Process Re-engineering, ERP system development process. Regulatory aspects of E-commerce.

### **Suggested Resources for Reading:**

- 1. 'Electronic Commerce, A Manager's Guide to E-Business' by PragDiwan and Sushil Sharma, Vanity Books International, Delhi.
- 2. 'Frontiers of Eletronic Commerce' by Ravi Kalakota, and Andrew B.Shinston, Addision Wesley.
- 3. 'Web Commerce Technology Handbook' by Minoli and Minoli, Tata McGraw Hill, New Delhi.
- **4.** 'Electronic Commerce' by GrayP.Schneider, Course Technology, Delhi.
- **5.** 'E-Commerce-The Cutting Edge of Business' by Kamlesh Bajaj &Debjani Nag, Tata McGraw Hill 2000.
- **6.** 'Understanding E-Commerce' by David Kosiur, Microsoft Press. 1997.

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# Paper Title: FTD 303: APPAREL INDUSTRY AND QUALITY CONTROL

Theory: 40

**Internal Assessment: 10** 

Time:3 hours

# Job Role:---- Industrial Engineer(IE) Executive

**Objective :**To acquaint the students about – Quality control, labeling and packaging. Special purpose machine in Apparel Industry and V2q.25012(a)-3.91642(c)-0.33315(o)56(i)0.2215-3.9ve maquaintccinendustndus I

<b>Suggested Resources fo</b>	r Reading:
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Types of Surveys.

Consumer Demand and Fashion Marketing, Fashion Change and Consumer

### **Suggested Resources for Reading:**

- 1. Amarchand, D. and Varadarajan, B.: An Introduction to Marketing Management, (1981), Vikas Publishing House Private Ltd.
- 2. Davar, R.S.: Marketing Management, Bombay, (1982), Progressive Corporation Private Limited.
- 3. Sherlakar S.A.,: Marketing Management, Delhi. (1982), Himalaya Publishing House.
- **4.** Fashion Innovation of marketing by Kathryn Moore Greenwind of Mary.

### **Instructions for Practical Paper**

Practical: 40

**Internal Assessment: 10** 

Time: 3 hours

1. Examiner will set total of four questions covering the whole syllabus.

**Suggested Resources for Reading:** 

1. Textiles by Sara J. Kadolph

2. Fabric Science by Pizzato

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Paper Title: FTD 305COMPUTER AIDED DESIGNING (CAD)(PRACTICAL)

Practical: 80

**Internal Assessment: 20** 

Time: 3 hours

Job Role:---- Industrial Engineer(IE) Executive

**Objective:** To impart knowledge about 1. Basic Computers 2.Adobe Photoshop 3. Corel draw so that student learn good skill in designing brochures, pamphlets, magazine cover pages, cards, logos and

advertisements etc.

**Instructions for Practical Paper: (for 80 marks)** 

1. Examiner will set total of four questions covering the whole syllabus.

2. Student will attempt any three questions.

3. Each question carries 15 marks.

4. Practical work carries 30 marks and 5 marks for viva-voce.

Practical paper will be conducted by the college in collaboration with the respective experts and marks will be submitted to Panjab University

1. MS Word: (i) Writing a letter in word document; (ii) Formatting, Editing and saving files.

2. MS Excel: (i) Making Excel spread sheets; (ii) Mathematical operations in excel.

3. MS Powerpoint : (i) Using PP to make presentations.

4. Use of Internet: (i) Making an email id.; (ii) Searching different topics

5. ADOBE PHOTOSHOP (a) Study in detail different tools of Photoshop.

- (b) Create composition of stripes, checks in various textures and colours.
- (c) Pick up a costume worn by a famous fashion model. Scan her figure and redesign the texture and colour combination of the dress.

# **Suggested Resources for Reading:**

# **UNIT-I**

Concept of Project: Meaning, Characteristics, Classification of Projects, Project Life Cycle and its Phases. Project Manager: Roles and Responsibilities, Project Management as a Profession.

### **Practical Based on FTD 403**

Practical: 40

**Internal Assessment: 10** 

Time: 3 hours

# **Instructions for Practical Paper**

- 1. Examiner will set total of four questions covering the whole syllabus.
- 2. Student will attempt any three questions.
- 3. Each question carries 5 marks.
- 4. Practical work carries 20 marks and 5 marks for viva-voce.
- 5. Practical paper will be conducted by the college in collaboration with the respective 2-shuffing implementation. It conducted by the college in collaboration with the respective

Paper Title: FTD 404: DESIGN DEVELOPMENT AND MERCHANDISING

Theory: 40

**Internal Assessment: 10** 

Time:3 hours

Job Role:---- Industrial Engineer(IE) Executive

**Objective:** To create awareness about Design Process, Product and prototype development and to understand the role of sample coordinator and merchandiser

#### **Instructions for Examiner:**

- 1. The syllabus of this paper has been divided into FOUR units.
- 2. Examiner will set a total of NINE questions comprising Two questions from each unit, including Question No. 1 (compulsory) of short answer type covering the whole syllabus.

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- 3. The students are required to attempt one question from each unit and the entire Compulsory Question No. 1.
- 4. All questions carry equal marks.

#### **UNIT-I**

Design Development Process: First level-Inspiration and Concept, Research Direction-Fashion Prediction, Research- The fashion cycle, Fashion and Art . Second Level- Design Development, Textiles- textures, drape, handle, surface decoration, Technical Development - draft model

#### **UNIT-II**

Fashion Industry and new product development-Role of the designer, The influence of Haute-couture, Organization of Fashion industry, The sequence of events

#### **UNIT-III**

Visual Merchandising, Role and Responsibilities of Mer, Rtixn ofndusn hion industr-our

#### Practical Based on FTD 404

Practical: 40

**Internal Assessment: 10** 

Time: 3 hours

### **Instructions for Practical Paper**

- 1. Examiner will set total of four questions covering the whole syllabus.
- 2. Student will attempt any three questions.
- 3. Each question carries 5 marks.
- 4. Practical work carries 20 marks and 5 marks for viva-voce.
- 5. Practical paper will be conducted by the college in collaboration with the respective experts and marks will be submitted to Panjab University
- 6. The examiner will set questions covering the whole syllabus
- 7. Each question can be sub-divided into parts according to the paper setter.

### **Suggested Resources for Reading:**

- 1. Drake and Nicholas, "Fashion Illustrations", 1994, Thames and Hudson, London.
- 2. AblingBina, Fashion Sketch Book", 2006, by Fairchild publication.
- 3. Fashion Caledeoscope by MeharCastelen
- 4. Fashion From Concept to Consumer by Sharon Lee ,Harprt& Row Pub. , NY.

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### Paper Title: FTD 405COMPUTER AIDED DESIGNING (CAD)-II(PRACTICAL)

Practical: 80

**Internal Assessment: 20** 

Time: 3 hours

# Job Role:---- Industrial Engineer(IE) Executive

**Objective:** To impart knowledge about 1. Corel draw so that student learn good skill in designing brochures, pamphlets, magazine cover pages, cards, logos and advertisements in addition to photoshop etc.

**Instructions for Practical Paper: (for 80 marks)** 

- 1. Examiner will set total of four questions covering the whole syllabus.
- 2. Student will attempt any three questions.

- 3. Exercises in visually assessing and relating fashion illustration to the specification sheets.
- 4. Client profile
- 8. Fabric and colour sheet

### **Suggested Resources for Reading:**

- 1. Coreldraw X5 In Simple Steps, "Kogent Learning Solutions Inc", Wiley India Pvt.Limited, 2011.
- 2. Corel Draw by BPB Publication
- 3. Drake and Nicholas, "Fashion Illustrations", 1994, Thames and Hudson, London.
- 4. AblingBina, Fashion Sketch Book", 2006, by Fairchild publication.
- 5. Fashion Caledeoscope by MeharCastelen

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### **SEMESTER V**

Paper Title : GC 502  $\,$  - INTRODUCTION TO RESEARCH METHODOLOGY AND  $\,$  REPORT WRITINGs profis on S

### UNIT I

Analysis of bodice block and Contouring Principle

# **UNIT II**

Terminology used in pattern making- Pattern drafting, flat pattern making, Pattern envelop, template, production pattern, design specification sheet, pattern chart, cost sheet, trueing, blending and equalizing, style lines.

### **UNIT III**

Interlining, lining, facing, interfacings . Pattern layout planning and Different ways of minimizing waste , fabric estimation and calculation of the fabric requirement for one garment

6. Development of Patterns of: Saree Blouse: Plain and Choli,

7. Kurta: A-line; Kalidaar

8. Any one of the Halter neck one piece dress, Off shoulder – single and both, One piece fitted dress with

gathers in princess line

**Suggested Resources for Reading:** 

1. The Practical Encyclopedia of Sewing: By-Dorothy Wood

2. Lorenz Books The Complete Book of Sewing: Dorling Kindersley

3. The Sewing Book by Alison Smith

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Paper Title: FTD 504FABRIC TECHNIQUES AND PROTOTYPE DEVELOPMENT

Theory: 40

**Internal Assessment: 10** 

Time:3 hours

Job Role:---- Online Sample Designer

**Objective:** To handle and monitor new product development, regular follow up with all sampling like:

proto sample, size sets, fit samples. To create awareness about threads and their classification. Required tools

& materials for different types of embroidery. To give introduction to computerized embroidery.

**Instructions for Examiner:** 

3.

1. The syllabus of this paper has been divided into FOUR units.

2. Examiner will set a total of NINE questions comprising Two questions from each unit, including

Question No. 1 (compulsory) of short answer type covering the whole syllabus.

The students are required to attempt one question from each unit and the entire Compulsory Question No. 1.

4. All questions carry equal marks.

**UNIT I** 

Finishes affecting appearance: bleaching, calendaring, embossing, glazing, schreinerizing, singeing. Finishes

affecting texture: Flocking, napping, burnt out design, acid finish, stiffening.

**UNIT II** 

Basic warp and weft knit stitches, Comparison of Warp and weft knitting, Knitted fabrics defects

- 1. Introduction to toolbars- Standard , piece, edit, toolkit, rotate, internal, segment, dart, pleat, fabric and strips
- 2. Introduction to Menu File Menu, edit Menu, piece Menu, point Menu, segment Menu, internal

#### **Unit-IV**

Introduction to Lay Planning,

Marker making of skirt, trouser on CAD

Marker Making ofBodice, shirt / jacket

Practical based on FTD 603

Practical: 40

**Internal Assessment: 10** 

Time: 3 hours

### **Instructions for Practical Paper**

- 1. Examiner will set total of four questions covering the whole syllabus.
- 2. Student will attempt any three questions.
- 3. Each question carries 5 marks.
- 4. Practical work carries 20 marks and 5 marks for viva-voce.
- 5. Practical paper will be conducted by the college in collaboration with the respective experts and marks will be submitted to Panjab University
- 6. The examiner will set questions covering the whole syllabus
- 7. Each question can be sub-divided into parts according to the paper setter.

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Paper Title: FTD 604: APPAREL CONSTRUCTION ADVANCE TECHNIQUES

### Paper Title: FTD 605: PORTFOLIO DEVELOPMENT

Practical: 80

**Internal Assessment: 20** 

### **Job Role:---- Online Sample Designer**

**Objective:** The art portfolio is an expression of a graduating student's creativity, design/ability, technical expertise and illustration and presentation skills. It should exhibit the students inclination towards and particular segment of the industry by identifying the target customers, design requirements and pricing. It should ideally comprise of 30-35 sheets keeping the following points in mind.

### **Instruction:** (for 80 marks)

- 1. The portfolio should fulfil following conditions.
- **2.** Practical evaluation of the Portfolio will be conducted by the college in collaboration with the respective experts and marks will be submitted to Panjab University
- 3. The syllabus shall be covered through workshops.

UNIFORM FORMAT: It is important to keep all the sheets of the same size to maintain visual continually. Sheets should be grouped separately and systematically either horizontally or vertically. Statement of your design philosphy to clarify your attitude towards fashion

- 1.Resume; Personal Philosophy and Philosophy of your education
- 2. Cover/ Title page of a portfolio

3.Brief information and descriptions of work; Thumbnails; Snapshots of self, team mates at work; Use of best quality tools covers, trimming, mounting, mating, glazing, color, binding, size etc. available for portfolio development

Your natural creative bent of mind should find expression through specific design and market orientation. This is to be based on innovative fabric combinations, surface texture and ornamentation.

It is very important that the designs and embroidery motifs be original. It is very important to show your design applicability for the craft. Any other creative graphic work ,photography done by you, should be included

Methods to show the works: Sort out the best works; place works in logical order;

Conscious choices on layout; scrapbook, magazine, small postcard samples.

Designing a Personal Book or Bound Book unique to taste; Keeping separate portfolios for Illustrations, Designs etc.

Make a CD: A digital version of portfolio: PDF files

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