## FACULTY OF SCIENCES

SYLLABUS

FOR

## B.Sc. FASHION DESIGNING

(SEMESTER: I-VI)
Session: 2021-22

## KHALSA COLLEGE AMRITSAR (An Autonomous College)

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(ii) Subject to change in the syllabi at any time.

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SEMESTER - I

| PAPER | Subject Semester I | Marks |  |  |  |
| :--- | :--- | :---: | :---: | :---: | :---: |
|  |  | Theory | Practical | Internal <br> Assessment | Total |
| I | Basics of Design/Illustration | 37 | 37 | 26 | 100 |
| II | Concept of Fashion | 37 | - | 13 | 50 |
| III | Basics of Sewing-I | 37 | 37 | 26 | 100 |
| IV | Basics of Computers | 37 | 37 | 26 | 100 |
| V | Fibre to Fabric | 37 | 37 | 26 | 100 |
| VI | Communication Skills in English-I | 37 | - | 13 | 50 |
| VII | Punjabi (Compulsory) OR <br> *Basic Punjabi <br> **Punjab History \& Culture | 37 | - | 13 | 50 |
| VIII | $* * * D r u g ~ a b u s e: ~ p r o b l e m, ~ m a n a g e m e n t ~$ <br> and prevention <br> (compulsory) | 37 | - | 13 | - |
|  |  |  |  |  |  |

Note:

1. *Special Paper in lieu of Punjabi Compulsory.
2. **For those students who are not domicile of Punjab
3. ${ }^{* * *}$ This paper marks will not be included in the total marks.

## SEMESTER - II

| PAPER | Subject Semester II | Marks |  |  |  |
| :--- | :--- | :---: | :---: | :---: | :---: |
|  |  | Theory | Practical | Internal <br> Assessment | Total |
| I | Traditional Textiles | 37 | 19 | 19 | 75 |
| II | Fabric Construction | 37 | 19 | 19 | 75 |
| III | Basics of Sewing-II | 37 | 37 | 26 | 100 |
| IV | Basics of Computers | - | 37 | 13 | 50 |
| V | Communication Skills in English-II | 37 | - | 13 | 50 |
| VI | Compulsory PunjabiOR <br> $* B a s i c ~ P u n j a b i ~$ <br> $* * P u n j a b ~ H i s t o r y ~ \& ~ C u l t u r e ~$ | 37 | - | 13 | 50 |
| VII | ***Drug abuse: problem, management <br> and prevention <br> (compulsory) | 50 | - | - | - |
| VIII | Industrial Visit at least two units and <br> submission of report = 20 marks <br> Seminar on any topic from theory course <br> =30 marks <br> Considered as External Examination <br> (Practical) (20+30) | - | - | - | 50 |
|  |  | 185 | 162 | 103 | $\mathbf{4 5 0}$ |

Note:

1. *Special Paper in lieu of Punjabi Compulsory.
2. **For those students who are not domicile of Punjab
3. ${ }^{* * *}$ This paper marks will not be included in the total marks.

## SEMESTER - III

| PAPER | Subject Semester-III | Marks |  |  |  |
| :--- | :--- | :---: | :---: | :---: | :---: |
|  |  | Theory | Practical | Internal <br> Assessment | Total |
| I | Fashion Design and Illustration | ----- | 37 | 13 | 50 |
| II | Colour Concepts \&Colouration | 37 | 37 | 26 | 100 |
| III | Pattern Making and Garment <br> Construction | Needle Craft | 37 | 75 | 38 |
| IV | Knitting Technology | ----- | 75 | 25 | 100 |
| V |  | 37 | 37 | 26 | 100 |
|  |  | TOTAL | 111 | 261 | 128 |

## SEMESTER - IV

| PAPER | Subject Semester-IV | Marks |  |  |  |
| :--- | :--- | :---: | :---: | :---: | :---: |
|  |  | Theory | Practical | Internal <br> Assessment | Total |
| I | Fashion Design and Illustration (CAD) | ----- | 75 | 25 | 100 |
| II | History of Costumes | 37 | 37 | 26 | 100 |
| III | Garment Construction and Draping | 37 | 75 | 38 | 150 |
| IV | Fashion Illustration \& Appreciation | ----- | 37 | 13 | 50 |
| V | Pattern and Marker Making on Computer | ----- | 75 | 25 | 100 |
| VI | *Environmental Studies (Compulsory) | 100 | ----- | ----- | ----- |
|  |  | TOTAL | 74 | 299 | 127 |

Note: *This paper marks will not be included in the total marks. Student can opt.
this Paper whether in $3_{\text {rd }}$ or $4_{\text {th }}$ Semester. this Paper whether in $3_{\mathrm{rd}}$ or $4_{\mathrm{th}}$ Semester.

SEMESTER - V

| PAPER | Subject Semester - V | Marks |  |  |  |
| :--- | :--- | :---: | :---: | :---: | :---: |
|  |  | Theory | Practical | Internal <br> Assessment | Total |
| I | Fashion Illustration And Appreciation | ---- | 75 | 25 | 100 |
| II | Draping , Pattern Making And <br> Construction | CAD (Computer Aided Design) | ----- | 112 | 38 |
| III | Internship For Design And Construction Of <br> Garments | ------ | 56 | 190 |  |
| IV | ----- | 56 | 19 | 75 |  |
| V | Leather Technology |  |  |  |  |

## SEMESTER - VI

| PAPER | Subject Semester - VI | Marks |  |  |  |
| :--- | :--- | :---: | :---: | :---: | :---: |
|  |  | Theory | Practical | Internal <br> Assessment | Total |
| I | Fashion Illustration And Appreciation | ---- | 75 | 25 | 100 |
| II | Pattern Making And Construction | ------ | 112 | 38 | 150 |
| III | Computer Aided Design | ------ | 56 | 19 | 75 |
| IV | Survey And Project Report | ------- | 75 | 25 | 100 |
| V | Fashion Industry , Marketing And | 56 | ------ | 19 | 75 |
|  | Management |  |  |  |  |

## I. BASIC OF DESIGN AND ILLUSTRATION (Theory)

Time: 3 Hrs
No. of Period: (Th 3+Pr 6) Per Week

Max. Marks: 100
Theory: 37
Practical: 37
Internal Assessment: 26
Note: Medium of Examination in English, Hindi, Punjabi language. Instructions for the Examiners/Paper Setters:

1. There will be five sections.
2. Section A Carries 9 marks and is compulsory consisting of eight short answer type questions of $\mathbf{1 . 5}$ marks each covering the whole syllabus. The candidate will have to attempt six questions in section $A$.
3. Sections B, C, D and $E$ will be set from unit I, II, III, \&IV respectively and will consist of two questions of 7 marks each from the respective unit. The candidates are required to attempt one question from each of these sections.

## OBJECTIVES:

To help students to understand design fundamental, elements and principles of design.
To enable students to gain knowledge of figure sketching and drawing.
To understand the fashion design concepts, illustration techniques and colour theories.

## UNIT-I

- Introduction to art media and its application, different art media like pencils, pencil colours, crayons, poster colours, erasers, acrylic rendering and shading skills.

UNIT -II

- Elements of art and design - line, form, shape, space, size, textures and colour.
- Design - Definition and types


## UNIT -III

- Colour - dimensions of colour hue, value, and intensity.
- Colour Wheel.

Colour schemes, their importance and applications
UNIT -IV

- Principles of design-Harmony, Balance, Rhythm, Proportion, Emphasis.
- Fashion model drawing - Basic human proportion, body figures and shapes, sketching Postures.


## Books References:

1. Sewing Techniques and Patterns, Marie - NaelleBayard .
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,

## B.Sc. Fashion Designing (Semester-I) <br> I. BASIC OF DESIGN AND ILLUSTRATION (Practical)

Time: 3 Hrs
Marks: 37

## Instruction for paper setter/examiner

- Paper will be set jointly by the Internal and External examiner on the spot.
$\checkmark$ Introduction to art media and its application.
$\checkmark$ The basic drawing and rendering of equipments using, pencils, crayons, poster and acrylic and colours etc.
$\checkmark$ Introduction to basic sketching techniques.
$\checkmark$ Colour:
(a) Preparation of colour wheel
(b) Grey Scale
(c) Colour Schemes:
$>$ Analogous
$>$ Complementary
$>$ Monochromatic
$>$ Polychromatic
$>$ Achromatic
$>$ Triadic
(d) Tints \& Shades
$\checkmark$ Figure stylization - Basic croquets, division of the body to make the 8 head figure, 10 head figure, 12 head figure, Fleshing out body.
$\checkmark$ Understanding body proportion:
$>$ Anatomy
$>$ Movement (Standing, walking, Sitting)
$>$ Posture
$>$ Details
$\checkmark$ Body details-Face, Features, Hairstyles, Arms, Hands, Legs, Feet and Footwear


## Books References:

$\checkmark$ 1. Bernard P.Corbman, Textiles Fiber to Fabric, McGraw, Hill International Editions,(1993), Cataloging Publications.
$\checkmark$ 2. Dorothy Siegert Lyle, Modern Textiles - (1971) Jonh Wiley and Sons Inc., New York, London, Sydney, Toronto.
$\checkmark$ 3. Be an Artist in 10 Steps, Ian Sidaway, Patricia Seligman
$\checkmark$ 4. Allen and Seaman, "Fashion Drawing- The Basic Principles" 1994, B.T. Batsford, London.

## COURSE CONTENTS:

- CO 1-To learn the basic techniques of sketching.
- CO2- To know the drawing methods of fashion Figures.
- CO3- To know the sketching methods of different garments and ornaments
- CO 4 - Find the human body in proportions relevant to fashion illustration
- CO5-Classify the sketches of clothing items on the Human body.


## B.Sc. Fashion Designing (Semester-I)

II. CONCEPT OF FASHION (Theory)

Time: 3 Hrs
Total Periods: Th 6 Per Week

Max. Marks: 50
Theory: 37
Internal Assessment: 13
Note: Medium of Examination in English, Hindi, Punjabi language.
Instructions for the Examiners/Paper Setters:

1. There will be five sections.
2. Section A Carries 9 marks and is compulsory consisting of eight short answer type questions of $\mathbf{1 . 5}$ marks each covering the whole syllabus. The candidate will have to attempt six questions in section $A$.
3. Sections B, C, D and E will be set from unit I, II, III, \&IV respectively and will consist of two questions of 7 marks each from the respective unit. The candidates are required to attempt one question from each of these sections.

OBJECTIVES:
To create awareness about clothing culture.
To impart knowledge of clothing communication and fashion expression.

## UNIT -I

- Fashion Terminology - fashion, style, change, fashion cycles, fad, classic, boutique, croquie, fashion trends, haute couture, designer, prêt-a-porter, and silhouette.
- Fashion - Definition, importance.
- Fashion forecasting - Long term and short term.


## UNIT -II

- Origin, evolution of Fashion
- 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, length and break in 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


## COURSE OUTCOMES:

- COS1- Develop an understanding about Fashion, Fashion terminologies and Fashion forecasting
- COS2- To learn about factors affecting fashion
- COS3- To enable the students about role of social and psychological aspects


# B.Sc. Fashion Designing (Semester-I) <br> III. BASICS OF SEWING - I <br> (Theory) 

Total Periods: (Th3+Pr6) Per Week
Max. Marks: 100
Theory: 37
Practical: 37
Internal assessment: 26
Note: Medium of Examination in English, Hindi, Punjabi language. Instructions for the Examiners/Paper Setters:

1. There will be five sections.
2. Section A Carries 9 marks and is compulsory consisting of eight short answer type questions of $\mathbf{1 . 5}$ marks each covering the whole syllabus. The candidate will have to attempt six questions in section $A$.
3. Sections B, C, D and $E$ will be set from unit I, II, III, \&IV respectively and will consist of two questions of 7 marks each from the respective unit. The candidates are required to attempt one question from each of these sections.

## OBJECTIVES:

To impart knowledge of machines used for sewing.

## UNIT-I

- Terminology :-Notches, Darts ,Grain, Dart points, Direction of dart excess, Grain line, Bias Dart shape at pattern edge.


## UNIT_II

- Tools and equipments used in clothing construction:- Measuring tools ,Marking tools, Cutting tools, Sewing tools, Finishing tools.


## UNIT-III

- Sewing Machine:- Parts of sewing machine, Different type of sewing machines, Care and maintenance of sewing machine.


## UNIT-IV

- Common problems and remedies of sewing machine.
- Knowledge of size of needles, thread, stitches according to the fabric.


## Book References:

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

## B.Sc. Fashion Designing (Semester-I)

## III. BASICS OF SEWING - I (Practical)

Time: 3 Hrs
Marks: 37

## Instruction for paper setter/examiner

- Paper will be set jointly by the Internal and External examiner on the spot.
> Basic hand stitches-Basting, tacking, running, hand overcast, hemming stitches (plain
$>$ and blind), slip stitches, tailor tack
$>$ Different type of seams, seam finishes and their applications.
> Fullness - Darts, tucks, pleats, gathers (definition, types and their applications)
$>$ Finishes- Neckline (Binding, Facing)
$>$ Plackets - Definition and types
> Pockets- Different types
- Fasteners - Definition, types and present trends.


## Book References:

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

## COURSE OUTCOMES

- COS1- To Gain Knowledge in Seams and seam Finishes.
- COS2- To learn about hems and Fullness.
- COS3- To enable the students a basic garment construction details.
- COS4- To learn about the parts and functions of sewing machines and tools used for garment Construction.


# B.Sc. Fashion Designing (Semester-I) IV.BASICS OF COMPUTERS 

## (Theory)

Time: 3Hrs
Max.Marks:100
Theory: 37
Practical: $\mathbf{3 7}$
Total Internal Assessment: 26

## Note: 1. Medium of Examination is English Language.

2.The question paper covering the entire course shall be divided into three sections.

Section A: It will have question No. 1 consisting of 10 very short answer questions from the entire syllabus. Students will attempt 6 questions. Each question will carry $\mathbf{1 . 5}$ marks with answer to each question up to 10 lines in length. The total weightage being 09 marks.

Section B: It will consist of essay type/numerical questions up to five pages in length. Four questions numbering 2, 3, 4 and 5 will be set by the examiner from Unit-I of the syllabus. The students will be required to attempt any two questions. Each question will carry $\mathbf{0 7}$ marks.

The total weightage of this section shall be $\mathbf{1 4}$ marks.
Section C: It will consist of essay type/numerical questions up to five pages in length. Four questions numbering $6,7,8$ and 9 will be set by the examiner from Unit-II of the syllabus. The students will be required to attempt any two questions. Each question will carry $\mathbf{0 7}$ marks.

The total weightage of this section shall be $\mathbf{1 4}$ marks.

## Unit -I

1. IntroductiontoComputer,DataProcessing,Conceptofdataandinformation,Classificationofcom puter.
2. ComputerHardware-CentralProcessingUnit, MainMemory,Secondary Memory,I/Odevice.

## Unit-II

3. GeneralconceptofMSWord: WordProcessing, Formatting, editing, Spellgrammarcheck,MailMerge,Printingandsaving.
4. Presentation Software: Presentation overview, entering information, Presentation creation, opening and saving presentation, inserting audio and video
5. ComputerapplicationsinvariousfieldsoffashionIndustry.

## References:

1. Office 2010 Bible by John Walkenbach , Herb Tyson , Michael R. Groh, FaitheWempen
2. WORD 2010 FOR DUMMIES By Dan Gookin
3. MS-Office, Compiled by SYBIX.
4. Word 2010 in Simple Steps by Kogent Learning Solutions Inc.

## PRACTICAL

Time: 3 Hrs.

Instruction for paper setter/examiner

- Paper will be set jointly by the Internal and External examiner on the spot.

1. Introduction to MS Word
2. Introduction to MS PowerPoint

## V. FIBRE TO FABRIC (Theory)

Time: 3 Hrs
Max. Marks: 100
Total Periods: (Th 6+Pr 3) Per Week
Theory: 37
Practical: 37
Internal Assessment: 26
Note: Medium of Examination in English, Hindi, Punjabi language.
Instructions for the Examiners/Paper Setters:

1. There will be five sections.
2. Section A Carries 9 marks and is compulsory consisting of eight short answer type questions of $\mathbf{1 . 5}$ marks each covering the whole syllabus. The candidate will have to attempt six questions in section $A$.
3. Sections B, C, D and E will be set from unit I, II, III, \&IV respectively and will consist of two questions of 7 marks each from the respective unit. The candidates are required to attempt one question from each of these sections.

## OBJECTIVES:

To impart the knowledge of fibre, sources of fibres, their definitions and properties. To provide students with knowledge of yarn science and yarn properties.

## UNIT-I

- Textile Terminology- Fibre, yarn, elasticity, absorbency, resiliency, drapability , twist, blend, fabric
- Introduction to textile fibres and their classification based on source and origin


## UNIT-II

- Manufacturing process and the properties of various natural cellulosic fibres - Cotton, and linen
- Manufacturing process and the properties of various natural protein fibres - wool and silk

UNIT-III

- Manufacturing process and the properties of different fibres
$>$ Viscose rayon
$>$ Nylon
> Lycra
> Polyolefin
UNIT-IV
- Types and uses of yarn - Simple yarn, fancy yarns, textured yarns
- Yarn properties- yarn linear density, size, count, twist in yarn, twist direction, strength and uniformity
- Introduction to spinning:
$>$ Chemical spinning
> Mechanical spinning


## 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. Isabel, B. Wingate Textile Fabrics and their Selection, (1976) Prentice- Hall Inc., Engle Wood Cliffs, N.J.
> 4. Katarine Paddock, Textile Fibres and their Use-Sixth edition, (1954) -Oxford \& IBH Publishing Co.,Calcutta, Bombay, New Delhi.
> 5. Dorothy Siegert Lyle, Modern Textiles - (1971) Jonh Wiley and Sons Inc., New York, London, Sydney, Toronto.
> 6. KanwarVarinder Pal Singh, Introduction to Textile, Kalyani Publisher.

## V. FIBRE TO FABRIC (Practical)

Time: 3 Hrs
Marks: 37

## Instruction for the paper setters:-

- Paper will be set jointly by the Internal and External examiner on the spot.
> Identification of Fibres
$>$ Microscopic appearance, burning test and solubility test for different fibres
$>$ Visual identification of spun, filaments, cords, cable and fancy yarns
$>$ Collection of different types of yarns.


## 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. Isabel, B. Wingate Textile Fabrics and their Selection, (1976) Prentice- Hall Inc., Engle Wood Cliffs, N.J.


## COURSE OUTCOMES:

- CO1- with the acquired knowledge students will be able to impart the knowledge of fiber, sources of fiber, their definitions and properties.
- CO2- To develop understanding regarding the identification and testing parameters of textiles
- CO3- To study different plants, animals and synthetic fibres as well as different methods to get fabric from yarn
- CO4- Students will be able to impart the knowledge of yarn science and yarn properties


## 2021-22 <br> SEMESTER-I <br> COMMUNICATION SKILLS IN ENGLISH BCA/B.Sc. IT/ Bio Tech/BFST/BJMC/B.Sc (Fashion Designing)/B.Mm /BIMT

Time: 3 Hours

Max. Marks: 50
Theory Marks: 37
Internal Assessment: 13

## Course Contents:

1. Reading Skills: Reading tactics and strategies; Reading purposes-kinds of purposes and associated comprehension; Reading for direct meanings; Reading for understanding concepts, details, coherence, logical progression and meanings of phrases/ expressions.
Activities:
a) Active reading of passages on general topics
b) Reading newspaper, articles, editorials etc.
c) Short questions based on content and development of ideas of a given paragraph.
2. Writing Skills: Guidelines for effective writing; writing styles for application, resume, personal letter, official/ business letter, memo, notices etc.

## Activities:

a) Personal and business letters.
b) Converting a biographical note into a sequenced resume.
c) Writing notices for circulation/ boards.
d) Making notes of given passage with headings and sub-headings
e) Writing newspaper reports based on given heading.

## Suggested Pattern of Question Paper:

The question paper will consist of Seven skill-oriented questions from Reading and Writing Skills. The first 6 Questions carry 5 marks each. The $7{ }^{\text {th }}$ Question carries 7 marks. The questions shall be phrased in a manner that students know clearly what is expected of them. There will be internal choice wherever possible.
i) Comprehension questions of an unseen passage.
ii) Personal letter Official/Business letters.
iii) Writing notices/agenda/resolution/ minutes for public circulation on topics of professional interest
iv) Writing resume or converting a biographical note into resume
v) Writing news report based on a given heading
vi) Do as directed

Articles Units 69-81
Conjunctions Units 113-120
vii) Translation from English to Vernacular (Punjabi/ Hindi) (Isolated Sentences)
(1X7=7 Marks)

## Prescribed Book:

Murphy's English Grammar (by Raymond Murphy) CUP

## Recommended Books:

1. Oxford Guide to Effective Writing and Speaking by John Seely.
2. The Written Word by Vandana R Singh, Oxford University Press

B．Sc．（Hons．－Physics，Chemistry，Mathematics），

B．Sc．Bio－Tech．／IT／Fashion Designing／Food Sc．／BCA，BA－JMC／B．Sc．in Computational Statistics and Data Analytics，B．Voc．（Software Development，

Theatre and Stage Craft，Food Processing，Textile Design \＆Apparel Technology）

## SEMESTER－I <br> लाक्तभी थंत्षम्वी

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मभां : 3 ひंटे
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पिछ्छिठी भंव ： 37 टिटवरल भैमैमभैंट ： 13 बूल मंर्म ： 50
यరం-बू
बागा-यविला

मग्गिड से हंगा（कागा यठिला－रहिडा $\boldsymbol{H}$ डे वग्टी）

（लेषर सा तीहर भ्रडे उठरा／मग्न／ट्रिए－हमड़्ड）

> बाग-ट्डत्ता

टिडिगमिर जग्टां •

（ठिष्षय 1 亏ें 6 उर मान／दिप्सा－दमड़／मेली）
काग्व－डीत्रा
（B）थैवु गचरा（डितां टिचें पि $\alpha$
（n）थैठु यनु वे यूम्नां से छु उउ
कागा－चैप्रा
 Вिथ－कग्नाव्दां से यढ्बा－चितु
（भ）थैज्ञाघी कग्ना－हिरग्म के दिरग्म
भंब－हేइ भडे यूीषिभिर लप्टी ग्टाष्टिउां
1．मिलेघम से छान कागा गठ यठ यूम्मर－थॅउठ से थंत्त काता Јटटो।
 गेदेगा। गठेव यूमत से घ्रवाप्वत（08）भर्थ गेटठो।
 05 यूम्रां से छुउठ सेटा लान्तभी गेदेगा।
 मरहा जै।
亏ें हॅधठी गेटेगी। टिम थेथठ से कूलल भर्मव $37+13=50$ गठ।

## B.Sc. (Hons. - Physics, Chemistry, Mathematics),

B.Sc. Bio-Tech./IT/Fashion Designing/Food Sc./BCA, BA-JMC/ B.Sc. in

Computational Statistics and Data Analytics, B.Voc. (Software Development, Theatre and Stage Craft, Food Processing, Textile Design \& Apparel Technology)

SEMESTER-I<br>मुँछली थंत्षाप्वी<br>(In Lieu of Compulsory Punjabi)<br>-

मभां : 3 ひंटे
घिछिठी भर्म

> याठ-वूम
> बग्व-यविल्ग

थैत्ताप्वी काम्ना के गुठभुधी लियी :


(M) मिधलाप्टी के भविभाम

कग्ठ-ट्डता

मदन, हिभ्भिजतर : भुँछली ताह-यढाट भुडे छिच्नट, भुग्नरी, लगां-भाउवं ही यढाट
कागा-डीत्रा
थैताप्वी म्वघ्वर-तैइ :

 टाल्ले मुप्षर, लवाभर (मिंसी, टिॅी, भॅपर) टाल्ले मम्षर

काठा-चैघ
मूॅप- $भ$ मुूप मघ्वर
भंब-दేइ भंडे यूसिभि लूपी उ्टापिउां
 गठ यूम्न टे चाठ-चग भُव गर।
( $3 \times 4$ ) $=12$ भरव

(5x2) $=10$ भर्व

भंव गर।
$(2 \times 5)=10$ भंव

(5x1) $=05$ भंव
 ऊं दॅधती गेटेगी। टिम थेथठ से वुल भर्म $37+13=50$ गठ।

## SEMESTER-I

## DA1- Drug Abuse: Problem, Management and Prevention <br> PROBLEM OF DRUG ABUSE (Compulsory for all Under Graduate Classes)

Time: 3 Hours

## Instructions for the Paper Setters:

Section-A: ( 15 Marks): It will consist of five short answer type questions. Candidates will be required to attempt three questions, each question carrying 05 marks. Answer to any of the questions should not exceed two pages.
Section-B: (20 Marks) It will consist of four essay type questions. Candidates will be required to attempt two questions, each question carrying 10 marks. Answer to any of the questions should not exceed four pages.
Section-C: (15 Marks) It will consist of two questions. Candidate will be required to attempt one question only. Answer to the question should not exceed 5 pages.

UNIT-I

- Meaning of Drug Abuse

Meaning, Nature and Extent of Drug Abuse in India and Punjab.
UNIT-II

-     - Consequences of Drug Abuse for:

Individual : Education, Employment and Income.
Family : Violence.
Society : Crime.
Nation : Law and Order problem.

## UNIT-III

- • Management of Drug Abuse

Medical Management: Medication for treatment and to reduce withdrawal effects.
UNIT-IV

- Psychiatric Management: Counselling, Behavioral and Cognitive therapy.
-     - Social Management: Family, Group therapy and Environmental Intervention.
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## References:

1. Ahuja, Ram (2003), Social Problems in India, Rawat Publication, Jaipur.
2. Extent, Pattern and Trend of Drug Use in India, Ministry of Social Justice and Empowerment, Government of India, 2004.
3. Inciardi, J.A. 1981. The Drug Crime Connection. Beverly Hills: Sage Publications. 23
4. Jasjit Kaur Randhawa \& Samreet Randhawa, "Drug Abuse-Problem, Management \& Prevention", KLS, ISBN No. 978-81-936570-6-5, (2018).
5. Jasjit Kaur Randhawa \& Samreet Randhawa, "Drug Abuse Problem, Management \& Prevention", KLS, ISBN No. 978-81-936570-8-9, (2019).
6. Jasjit Kaur Randhawa \& Samreet Randhawa, "voZrl d[otos'A^(BPky'oh) ;wZf;nk, gqpzXB ns/ o'eEkw", KLS, ISBN No. 978-81-936570-7-1, (2018).
7. Jasjit Kaur Randhawa, "Drug Abuse -Management \& Prevention", KLS, ISBN No. 978-93-81278-80-2, (2018).
8 . Kapoor. T. (1985) Drug epidemic among Indian Youth, New Delhi: Mittal Pub.
8. Modi, Ishwar and Modi, Shalini (1997) Drugs: Addiction and Prevention, Jaipur: Rawat Publication.
9. National Household Survey of Alcohol and Drug abuse. (2003) New Delhi, Clinical Epidemiological Unit, All India Institute of Medical Sciences, 2004.
10. Rama Gandotra \& Jasjit Kaur Randhawa, "voZrl d[otos'A^(BPky'oh) gqpzXB ns/ o'eEkw", KLS, ISBN No. 978-93-81278-87-1, (2018).
11. Sain, Bhim 1991, Drug Addiction Alcoholism, Smoking obscenity New Delhi: Mittal Publications.
12. Sandhu, Ranvinder Singh, 2009, Drug Addiction in Punjab: A Sociological Study. Amritsar: Guru Nanak Dev University.
13. Singh, Chandra Paul 2000. Alcohol and Dependence among Industrial Workers: Delhi: Shipra.
14. Sussman, S and Ames, S.L. (2008). Drug Abuse: Concepts, Prevention and Cessation, Cambridge University Press.
15. World Drug Report 2010, United Nations office of Drug and Crime.
16. World Drug Report 2011, United Nations office of Drug and Crime.

## I. TRADITIONAL TEXTILES (Theory)

Time: 3 Hrs
Max. Marks: 75
Total Periods: (Th 6+Pr 6) Per Week
Theory: 37
Practical: 19
Internal Assessment: 19
Note: Medium of Examination in English, Hindi, Punjabi language.
Instructions for the Examiners/Paper Setters:

1. There will be five sections.
2. Section A Carries 9 marks and is compulsory consisting of eight short answer type questions of $\mathbf{1 . 5}$ marks each covering the whole syllabus. The candidate will have to attempt six questions in section $A$.
3. Sections B, C, D and E will be set from unit I, II, III, \&IV respectively and will consist of two questions of 7 marks each from the respective unit. The candidates are required to attempt one question from each of these sections.

## OBJECTIVES:

To impart knowledge of traditional design and motifs of textiles.
To introduce applications of these motifs on the different textil
UNIT-I

- Floor coverings - Carpets and Durries
- Printed Textiles - Sanganeri
- Painted Textiles - Kalamkari

UNIT-II

- Dyed Textiles
- Bandhani
- Patola
- Ikkat

UNIT-III

- Woven Textiles
- Brocades
- Chanderi
- Maheshwari
- Jamdani
- Baluchari


## UNIT-IV

Study of following traditional embroideries- Introduction, types, their traditional Influences, symbolism, basic fabrics, decorative stitches, techniques and their colour Combinations:

- Kutch
- Phulkari
- Kantha
- Kasuti
- Chamba Rumal
- Kashida
- Chikankari


## Book References:

1. AditiRanjan "Handmade in India: A Geographic Encyclopedia of India Handicrafts"
2. RtaKapurChishti "Handcrafted Indian Textiles"
3. Sheila Paine "Embroidered Textiles: Traditional Patterns from Five Continents" 1995

## B.Sc. Fashion Designing (Semester-II)

## I. TRADITIONAL TEXTILES (Practical)

Time: $\mathbf{3} \mathbf{H r s}$
Marks: 19

## Instruction for paper setter/examiner

- Paper will be set jointly by the Internal and External examiner on the spot.


## Practical

Sample making of following traditional embroideries
> Kutch of Gujarat
$>$ Phulkari of Punjab
> Kantha of Bengal
> Kasuti of Karnataka
> Kashida of Kashmir
> Chikankari of Uttar Pradesh
$>$ Chamba of Himachal Pradesh

- Students to prepare a file of UNIT-II and UNIT-III samples Floor Coverings- Rugs, Mats
- Visit to any craft museum/ Industry


## Book References:

1. Rustarm; J. Mehta, "Masterpieces of Indian Textiles", (1970), D.B. Taraporevala Sons \& Co., Pvt.Ltd.
2. JoyeeStorey, The Thames and Hudson- Manual of Textile Printing.' (1974), Thames and Hudson - London.

## COURSE OUTCOMES:

- CO1_-To impart the knowledge of traditional design and motifs of textiles
- CO2- Students will be able to explore their ideas through embroidery techniques
- CO3- Students will be able to explore and bring into practice their ideas through embroidery techniques
- CO4- To create innovative designs by combining number of stitches and by using creative raw material.


## B.Sc. Fashion Designing (Semester-II)

## II. FABRIC CONSTRUCTION (Theory)

Time: 3 Hrs
Max. Marks: 75
Total Periods: (Th 6+Pr 3) Per Week
Theory: 37
Practical: 19
Internal Assessment: 19
Note: Medium of Examination in English, Hindi, Punjabi language. Instructions for the Examiners/Paper Setters:

1. There will be five sections.
2. Section A Carries 9 marks and is compulsory consisting of eight short answer type questions of $\mathbf{1 . 5}$ marks each covering the whole syllabus. The candidate will have to attempt six questions in section $A$.
3. Sections B, C, D and $E$ will be set from unit I, II, III, \&IV respectively and will consist of two questions of 7 marks each from the respective unit. The candidates are required to attempt one question from each of these sections.

## OBJECTIVES:

To impart knowledge of fabric manufacture and fabric properties.
To enable students to understand fabric structures and to analyses them.

## UNIT-I

- Introduction to different methods of fabric construction
- Loom - Definition, Principle, Parts, Types (shuttle and shuttle less looms) and Operations

UNIT-II

- Weaving - Definition, principle, types of following weaves
- Basic Weaves - Plain weave, Twill weave and Satin weave, their variations and types.
-Novelty/Fancy Weaves - Pile weave and its types, Jacquard weave, Dobby weave and it types, Swivel weave, Lappet weave, Crepe weave
- Bonding - Definition, Manufacturing Process, Properties and Uses


## UNIT-III

- Felting - Definition, Manufacturing Process, Types, Properties and Uses
- Bonding - Definition, Manufacturing Process, Properties and Uses
- Non woven textiles and their types


## UNIT-IV

- Decorative way of fabric construction-
- Lace making
- Netting
- Braiding
- Knotting


## Book References:

1. Bernard P. Corbman "Fiber to Fabric"
2. J. E. Booth "Textile testing"
3. Gupta. S, Garg. N, Saini. R "Clothing Textile and Laundry".

## II. FABRIC CONSTRUCTION (Practical)

Time: 3 Hrs
Marks: 19

## Instruction for paper setter/examiner

- Paper will be set jointly by the Internal and External examiner on the spot.
- Sample Making by various weaves / designs for example:
$>$ Plain
$>$ Twill
$>$ Satin
$>$ Diamond
$>$ Pile
$>$ Cut pile
$>$ Dobby
$>$ Sateen
> Basket
- Preparation of one article by using the above mentioned weaves / designs
- Prepare folder for allweaves / designsused for fabric construction.


## Book References:

- 1. Bernard P. Corbman "Fiber to Fabric"
- 2. J. E. Booth "Textile testing"
- 3. Gupta. S, Garg. N, Saini. R "Clothing Textile and Laundry"


## COURSE OUTCOMES:

- COS1- With the acquired knowledge students will be able to identify different kinds of fabrics - composition, weave etc
- COS2- To develop understanding regarding the identification and testing parameters of textiles
- COS3- Practical understanding of different textile materials (Fiber, yarn, fabric, weave)


## B.Sc. Fashion Designing (Semester-II)

## III. BASICS OF SEWING - II (Theory)

Time: 3 Hrs
Total Periods: (Th 3+Pr 6) Per Week
Max. Marks: 100
Theory: 37
Practical: 37
Internal Assessment: 26
Note: Medium of Examination in English, Hindi, Punjabi language.
Instructions for the Examiners/Paper Setters:

1. There will be five sections.
2. Section A Carries 9 marks and is compulsory consisting of eight short answer type questions of $\mathbf{1 . 5}$ marks each covering the whole syllabus. The candidate will have to attempt six questions in section $\mathbf{A}$.
3. Sections B, C, D and E will be set from unit I, II, III, \&IV respectively and will consist of two questions of 7 marks each from the respective unit. The candidates are required to attempt one question from each of these sections.

## UNIT-I

## TERMINOLOGY

- Construction lines
- Seam line
- Centre front and back line
- True bias
- Bust line
- Seam allowance
- Waist line
- Jog
- Anthropometric measurements - Study of all body measurements of all age groups (infants, children, women and men), standards of body measurements, importance, standardization and size chart.


## UNIT-II

- Drafting - Its importance and uses
- Introduction to pattern making and its tools
- Introduction to layout

UNIT-III

- $\quad$ Sleeves - Different types of sleeves
- Collars - Different types and styles of collars

UNIT-IV

- Yokes - Yokes with fullness and without fullness (definition, purpose, their application and Construction)
- Trimmings - Different types of trimming


## Book References:

- 1. The Art of couture sewing by ZoyaNudelman.
- 2. The sewing Book ,Alison Smith
- 3. Sewing Techniques and Patterns, Marie - Naelle Bayard
- 4. Complete Guide to Sewing , Readers Digest
- 5. The ultimate sewing book, Maggi McCormick Garden


## B.Sc. Fashion Designing (Semester-II) <br> III. BASICS OF SEWING - II (Practical)

Time: 4 Hrs
Marks: 37

## Instruction for paper setter/examiner

- Paper will be set jointly by the Internal and External examiner on the spot.
> Construction of sleeves -
- Extended Bodice: - Kimono, Drop Shoulder, Magyar
- Set-in-sleeve: - Plain, Puff, Flared, Cap, Bishop
- Part Bodice In: - Raglan, Saddle
$>$ Yokes - Yokes with fullness and without fullness
$>$ Construction of collars - Flat and rolled peter pan collar, shawl collar, mandarin collar, wing collar, cape collar, baby collar, sailor collar
$>$ Methods and preparation of basic blocks - Front bodice, back bodice and sleeve
$>$ Prepare formal kid garment, Layette for Infants.


## Book References:

- 1. The Art of couture sewing by ZoyaNudelman.
- 2. The sewing Book ,Alison Smith
- 3. Sewing Techniques and Patterns, Marie - Naelle Bayard
- 4. Complete Guide to Sewing , Readers Digest
- 5. The ultimate sewing book, Maggi McCormick Garden

COURSE OUTCOMES

- CO1-To gain the knowledge about the Basic Garment Techniques.
- CO2- To identify the components in garment Construction.
- CO3-It helps students to develop fine motor skills appropriately.
- CO4-Sewing will help them build self-confidence and confidence in their skills


# B.Sc. Fashion Designing <br> (Semester-II) <br> IV: BASICS OF COMPUTERS (Practical) 

Time: 3 Hrs
Marks: 37
Internal Assessment: 13

## Instruction for paper setter/examiner

- Paper will be set jointly by the Internal and External examiner on the spot.

Note: 1. Medium of Examination is English Language.

1. Ms PowerPoint: Professional presentation formations, formatting of text/slides views of power point, animations, sound effects.
2. Basic concept of coral draw: Introduction to tools, ruler setting, basic shapes, grouping/ combining, color palettes, effects, curves, opening, closing and saving a file, importing/exporting, printing.
3. Introduction to Adobe Photoshop

## Course Contents:

1. Listening Skills: Barriers to listening; effective listening skills; feedback skills, attending telephone calls; note taking.
Activities:
a) Listening exercises - Listening to conversation, speech/ lecture and taking notes.
2. Speaking and Conversational Skills: Components of a meaningful and easy conversation; understanding the cue and making appropriate responses; forms of polite speech; asking and providing information on general topics, situation based Conversation in English; essentials of Spoken English
Activities:
a) Conversation; dialogue and speech
b) Oral description or explanation of a common object, situation or concept.
c) Interviews and group discussion

## Suggested Pattern of Question Paper:

The question paper will consist of Seven skill-oriented questions from Listening and Speaking Skills. The first 6 Questions carry 5 marks each. The $7^{\text {th }}$ Question carries 7 marks. The questions shall be phrased in a manner that students know clearly what is expected of them. There will be internal choice wherever possible.
i) Making summary/ précis or paraphrasing of an idea of a given passage.
ii) Writing a paragraph of expository or argumentative nature of a given topic.
iii) Interpretation of a given data, chart, diagram etc and making a brief report.
iv) Transcoding (given dialogue to a prose or given prose to dialogue).
v) Draft an Advertisement for a given Product and E-mail Writing.
vi) Do as directed Change of voice Units 42-46 (6X5=30Marks)
vii) Translation from Vernacular (Punjabi/ Hindi) to English (Isolated Sentences)
(1X7 = 7Marks)

## Prescribed Book:

Murphy's English Grammar (by Raymond Murphy) CUP

## Recommended Books:

1. Oxford Guide to Effective Writing and Speaking by John Seely.
2. The Written Word by Vandana R Singh, Oxford University Press

B．Sc．（Hons．－Physics，Chemistry，Mathematics），

B．Sc．Bio－Tech．／IT／Fashion Designing／Food Sc．／BCA，BA－JMC／B．Sc．in Computational Statistics and Data Analytics，B．Voc．（Software Development，

Theatre and Stage Craft，Food Processing，Textile Design \＆Apparel Technology）

## SEMESTER－II लाक्त्रभी थरज्तम्यी

$$
\text { मभां : } 3 \text { ひ̛टे }
$$

घिछिठी भंव ： 37
टिटवरल $\boldsymbol{\text { भिमैममेंट ：} 1 3}$
ब్लूल भर्भ： 50

## यम्ठ－बूभ

कागा－यठिल्ला




कग्व－ट्डता
हिडिगमिव जग्टां

（ हिष्षप 7 亏े 12 उर मग्न／टिम्न－दमड़ु／सैली）
काग्त－डीत्ता

（1）मघघट－मेट्टीभां
कागा－चैघ्रा
（B）रढ़ती चिठी ひॅडठ
（M）भुग्दठे भडे भघाट

1．मिलेपम से चग्ठ काग गठ यठ यूम्र－थॅउठ से थैत काग Јटगो।


 05 यूमतां से छु उठ टेटा लान्ताभी Јदेगा।
 मरहा जै।
 ऊं हॅघठी चॅटेगी। टिम थेथठ रे वूँल भर्म $37+13=50$ गठ।
B.Sc. (Hons. - Physics, Chemistry, Mathematics),
B.Sc. Bio-Tech./IT/Fashion Designing/Food Sc./BCA, BA-JMC/ B.Sc. in

Computational Statistics and Data Analytics, B.Voc. (Software Development,
Theatre and Stage Craft, Food Processing, Textile Design \& Apparel Technology)

> SEMESTER-II H్రली थैत्वा
(In Lieu of Compulsory Punjabi)
मारं : 3 ひंटे
घिठ्छिगी भिव : 37
टिटवरल $\boldsymbol{\text { भमैममैैंट : } 1 3}$
वूल भिव : 50
यரठ-वूभ
काग-यविला
थंज्ञाप्वी मघघ


> बग्वा-ट्हता

थंताप्वी म्रघ्रट-यूवाब

((1) मिधलाप्टी के भक्भिभाम

> कागा-डीत्ता

थंत्पम्पी मघट-चतरा :


कागा-चैघा

तिँ हठ亏ं टी भैज्ञाघी मष्षरादली

भंव-दేइ भडे यूीधिभव लसी गहाट्टिउां
 यमार टे चान-चत्र भंव गठ । $(3 \times 4)=12$ भंव



 दँधनी गेदेगी। टिम थेयठ से वूल भर्मे $37+13=50$ गर।

# SEMESTER-II <br> DA2- DRUG ABUSE: PROBLEM, MANAGEMENT AND PREVENTION DRUG ABUSE: MANAGEMENT AND PREVENTION <br> (Compulsory for all Under Graduate Classes) 

Time: 3 Hours

## Instructions for the Paper Setters:

Section-A: (15 Marks): It will consist of five short answer type questions. Candidates will be required to attempt three questions, each question carrying 05 marks. Answer to any of the questions should not exceed two pages.
Section-B: ( 20 Marks) It will consist of four essay type questions. Candidates will be required to attempt two questions, each question carrying 10 marks. Answer to any of the questions should not exceed four pages.
Section-C: (15 Marks) It will consist of two questions. Candidate will be required to attempt one question only. Answer to the question should not exceed 5 pages.

## UNIT-I

- • Prevention of Drug abuse

Role of family: Parent child relationship, Family support, Supervision, Shaping values, Active scrutiny.

## UNIT-II

-     - School: Counseling, Teacher as role-model, Parent-Teacher-Health Professional Coordination, Random testing on students.


## UNIT-III

- Controlling Drug Abuse

Media: Restraint on advertisements of drugs, advertisements on bad effects of drugs, Publicity and media, Campaigns against drug abuse, Educational and Awareness Program

UNIT-IV

-     - Legislation: NDPS Act, Statutory warnings, Policing of Borders, Checking Supply/Smuggling of Drugs, Strict enforcement of laws, Time bound trials.
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## References:

1. Extent, Pattern and Trend of Drug Use in India, Ministry of Social Justice and Empowerment, Government of India, 2004.
2. Gandotra, R. and Randhawa, J.K. 2018. voZrI d[otos'A (BPky'oh) gqpzXB ns o'eEkw. Kasturi Lal \& Sons, Educational Publishers, Amritsar- Jalandhar.
3. Inciardi, J.A. 1981. The Drug Crime Connection. Beverly Hills: Sage Publications. 4. Modi, Ishwar and Modi, Shalini (1997) Drugs: Addiction and Prevention, Jaipur: Rawat Publication.
4. Randhawa, J.K. and Randhawa, Samreet 2018. Drug Abuse-Management and Prevention. Kasturi Lal \& Sons, Educational Publishers, Amritsar- Jalandhar.
5. Sain, Bhim 1991, Drug Addiction Alcoholism, Smoking obscenity New Delhi: Mittal Publications.
6. Sandhu, Ranvinder Singh, 2009, Drug Addiction in Punjab: A Sociological Study. Amritsar: Guru Nanak Dev University.
7. Singh, Chandra Paul 2000. Alcohol and Dependence among Industrial Workers: Delhi: Shipra. 9. World Drug Report 2011, United Nations office of Drug and Crime.
8. World Drug Report 2010, United Nations office of Drug and Crime

# B.Sc. Fashion Deigning (Semester-III) <br> <br> I. FASHION DESIGN AND ILLUSTRATION (Practical) 

 <br> <br> I. FASHION DESIGN AND ILLUSTRATION (Practical)}

## Time: 3 Hrs.

Total Credit Periods: Pr 6 per period
Max. Marks: 50
Practical: 37
Internal Assessment: 13

## Instructions for the Examiners/Paper Setters:

Paper will be set on the spot by the examiner.

1. Set 3 questions from sketching part- 09 Marks Each.
2. File work-10 Marks.

## OBJECTIVES:

- To enable students to gain knowledge of figures sketching and drawing.
- To understand the fashion concepts.


## 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 Garment draping on fashion figures.
- Garment draping on fashion figures.


## REFERENCES:

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

## COURSE OUTCOMES:

- CO1-Learners will be able to enhance their drawing skills and illustrate their ideas in different styles with rendering skills and detailing.
- CO2- To enable students to gain knowledge of rendering textures of fabrics
- CO3- Students will learn to draw fashion figures by understanding body proportions


# B.Sc. Fashion Deigning (Semester-III) <br> II. COLOUR CONCEPTS \& COLOURATION (Theory) 

Time: 3 Hrs.
Total Credit Periods: (Th 3+Pr 6)
Max. Marks: 100
Theory: 37
Practical: 37
Internal Assessment: 26
Note: Medium of Examination in English, Hindi, Punjabi language. Instructions for the Examiners/Paper Setters:

1. There will be five sections.
2. Section A Carries 9 marks and is compulsory consisting of eight short answer type questions of $\mathbf{1 . 5}$ marks each covering the whole syllabus. The candidate will have to attempt six questions in section $A$.
3. Sections B, C, D and $E$ will be set from unit I, II, III, \&IV respectively and will consist of two questions of 7 marks each from the respective unit. The candidates are required to attempt one question from each of these sections.

## OBJECTIVES:

- To impart knowledge of color and color schemes.
- To acquaint students with different types of printing and dyeing techniques.
- To enable students to develop practical skills of printing and dyeing.


## UNIT-I

- Concept of color and pigment theory.
- Dimensions and harmonies of colors and their manipulation.


## UNIT -II

- Types of design and their applications to textiles.

UNIT -III

- Dyeing of fibers, yarns, fabrics and decorative dyeing.
- Printing-Traditional and modern methods and styles of printing.


## UNIT -IV

- Finishes-basic, texturing and functional.


## B.Sc. Fashion Deigning (Semester-III) <br> II. COLOUR CONCEPTS \& COLOURATION (Practical)

Time: 3 Hrs.
Marks: 37

## Instructions for the Examiners/Paper Setters:

- Preparation of article by using any 3 techniques 27 marks.
- Scheme work 10 marks.
$>$ Preparation of color designs on paper for various textiles employing traditional and modern motifs. E.g.; folk designs, paisley designs, grape wine.
$>$ Decorative dyeing (tie and dye, batik)
$>$ Printing of fabrics by different methods and styles (block, stencils, screen)
$>$ Preparation of any 5 articles by using above techniques.


## COURSE OUTCOMES:

CO1- To enable students to develop practical skills of printing and dyeing
CO2- Understanding the process of making and using different fashion and textile materials.
CO3- Student will be able to develop their ideas in real and use it as per the market demand.

## B.Sc. Fashion Deigning (Semester-III) <br> III. PATTERN MAKING AND GARMENT CONSTRUCTION (Theory)

Time: 3 Hrs.
Total Credit Periods: (Th 3+Pr 6)
Max. Marks: 150
Theory: 37
Practical: 75
Internal Assessment: 38
Note: Medium of Examination in English, Hindi, Punjabi language.
Instructions for the Examiners/Paper Setters:

1. There will be five sections.
2. Section A Carries 9 marks and is compulsory consisting of eight short answer type questions of $\mathbf{1 . 5}$ marks each covering the whole syllabus. The candidate will have to attempt six questions in section $A$.
3. Sections B, C, D and E will be set from unit I, II, III, \&IV respectively and will consist of two questions of 7 marks each from the respective unit. The candidates are required to attempt one question from each of these sections.

## OBJECTIVES:

- To teach different aspects of pattern making and grading.
- To introduce the concept of pattern making.
- To impart knowledge of draping.

THEORY
UNIT-I

- Basics of Commercial Paper Patterns
- Pattern Making
- Pattern Envelope


## UNIT -II

- Pattern Layout
- Pattern Alteration

UNIT -III

- Dart Manipulation
- Basic foundation pattern
- Eliminating Darts


## UNIT-IV

- Fabric preparation for garment construction
- Fabric estimation and its importance


## B.Sc. Fashion Deigning (Semester-III) <br> PRACTICAL

Time: 4 Hrs.
Marks: 75

## Instructions for the Examiners/Paper Setters:

1. Set one compulsory question of 20 marks from dart manipulation.
2. Construction of any one garment of $\mathbf{4 0}$ marks (basic foundation patterns can be used), 3. Design development and style reading of garment made- 15 marks.
$>$ Design development and style reading.
> Dart manipulation using various principles of pattern alteration Basic foundation pattern.
$>$ Dart Manipulation, style lines and collars eliminating Darts.
$>$ Preparation of commercial paper pattern of the garment designed.
> Designing and construction of blouse, petticoat, ladies shirt, salwar.

## COURSE OUTCOMES:

- CO1- Students will be able to learn how to prepare fabric for the garment
- CO2- Students will be able to learn how to create basic commercial paper patterns and create new designs
- CO3- Students will gain the understanding regarding different garment components and their construction.
- CO4- Students will be able to learn how to stitch sleeves, necklines and other parts of garments


## B.Sc. Fashion Designing (Semester-III) <br> IV. NEEDLE CRAFT (Practical)

Time: 3 Hrs.<br>Total Credit Periods: (Pr 6)

Max. Marks: 100
Practical: 75
Internal Assessment: 25
Instructions for the Examiners/Paper Setters: Paper will be set on the spot by the examiner.

1. Set 5 questions of 15 marks each out of which, students are required to attempt any four.
2. Scheme work 15 marks.

## OBJECTIVES:

- To enable students learn methods of surface ornamentation of fabric using different techniques to produce value-added products.
- To enable the students to develop practical skills in needle craft techniques.


## PRACTICAL:

- Patchwork and quilting - Introduction, tools, materials and techniques,
- Embroidery - introduction, tools, material, techniques and types of embroidery
(Cutwork, cross stitch, couching, glass work and drawn thread work).
- Applique - introduction, tools, materials and techniques.
- Crochet - introduction, tools, material, techniques and types - single, double, circular, making of Crochet samples.
- Special techniques - smoking, ribbon work, beads and sequins work.
- Making one sample of each - smoking, ribbon work, beads and sequins work.
- Develop one product based on any one technique of needle craft.


## REFERENCES:

1. NaikShailaja. "TraditionalEmbroideries of India", APH Publishing Corporation, New Delhi. 1996.
2. Snook Barbara. '"Creative Art of Embroidery", Numbley Pub. Group Ltd., London. 1972.
3. Mathew Anne, "Vogue Dictionary of Crochet Stitches". David and Charles, London 1989.
4. Anand M.R., 'Textiles and Embroideries of India", Marg Publications, Bombay, 1965.

## COURSE OUTCOMES:

- CO1- To enable students learn method of surface ornamentations of fabric using different techniques to produce value added products.
- CO2- To enable the students to developed practical skills in needle craft techniques.


## B.Sc. Fashion Deigning (Semester-III)

## V. KNITTING TECHNOLOGY (Theory)

Time: 3 Hrs.
Total Credit Periods: (Th 6+Pr 3)
Max. Marks: 100
Theory: 37
Practical: 37
Internal Assessment: 26
Note: Medium of Examination in English, Hindi, Punjabi language. Instructions for the Examiners/Paper Setters:

1. There will be five sections.
2. Section A Carries 9 marks and is compulsory consisting of eight short answer type questions of $\mathbf{1 . 5}$ marks each covering the whole syllabus. The candidate will have to attempt six questions in section $A$.
3. Sections B, C, D and E will be set from unit I, II, III, \&IV respectively and will consist of two questions of 7 marks each from the respective unit. The candidates are required to attempt one question from each of these sections.

## OBJECTIVES:

- To impart knowledge about knitting technology.
- To enable students to develop practical skills of knitting.


## THEORY:

UNIT-I

- Introduction to Knitting Technology, difference between Knits and Woven, terms used inKnitting
- 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 - underlap, overlap, closedlap, openlap.
- Knitted fabrics defects and quality control.

UNIT-IV

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


## B.Sc. Fashion Deigning (Semester III) <br> V. KNITTING TECHNOLOGY (Practical)

Time: 3 Hrs.
Marks: 37

## Instructions for the Examiners/Paper Setters:

1. Set 4 questions of which, students are required to attempt any three.
2. Three question carry equal 09 marks. One question carry 08 marks

## PRACTICAL

- Knitting - introduction, terminology, hand knitting tools, material, techniques, types of knitting, basic textured diagonal, ribs, laces, cables, cross and knitted, making of knitting samples (at least 2 samples of each technique).
- Preparation of any one article.
- Quality control to be observed and recorded in knitting industry and maintain a file.


## REFERENCES:

1. Prof. Ajgaonkar D B, "Knitting Technology", University Publishing Cooperation, Mumbai.
2. Brackenbury Terry, "Knitting Clothing Technology", Blackwell Science, UK.
3. Spancer David J, "Knitting Technology", Pergeman Press.

## COURSE OUTCOMES:

- CO1-This enables the students to understand the basic types and functions of knitting machine.
- CO2-This enables the students to understand the basic types and functions of knitting machine.
- CO3-They can easily analyse the knitted fabric to find the fabric parameters
- 


# B.Sc, Fashion Deigning (Semester-IV) <br> I. FASHION DESIGN AND ILLUSTRATION (CAD) (Practical) 

Time: 3 Hrs.
Total Credit Periods: (Pr 06)

Max. Marks 100
Practical: 75
Internal assessment 25

## Instructions for the Examiners/Paper Setters:

- $\quad$ Set 3 questions from CAD part
- File work


## OBJECTIVES:

- To understand the fashion design concepts on computer.
- To acquaint students with knowledge of CAD based application in fashion designing.


## CAD:

- Croqui drawing in Computer.
- Drawing the details of the following and applying various texture and effects using CAD (Corel Draw).
- Fashion Details/Silhouette :

Collar: $\quad$ Mandarin, High Bias, Tuxedo, Cape, Flat Tennis.
Sleeves: Raglan, Hanky, Tulip, Ruffle, Dolmon.
Accessories: Bags. Belts, Caps, Bows.
Pockets: Flap, Pouch, Patch, Cross, Slit, Kurta
Skirts: Novelty, Gathered, Hip Rider, Trumpet, Pegged, Circular, Pleated, Straight, A-Line.

- Variation of skirts with different panels - A-line, Four Gore, Six Gore, Eight Gore and Semicircular.
- Trousers: Jeans. Straight Pants, Baggy Pants, Jump Suit, Dungarees.
- Silhouette: A Line, funnel shaped, circular, straight, Rectangular, High waisted Empire line.


## REFERENCES:

1. Veisinet DD. "Computer Aided Drafting and Design - Concept and Application", 1987.
2. Taylor P, "Computers in the Fashion Industry*', Heinemann Pub., 1990.
3. Winfred Aldrich. "CAD in Clothing and Textiles"; Blackwell Science 1994.

## COURSE OUTCOMES

- CO1Students will be able to perform complex design analysis in short time
- CO 2 Students will be able to make designs digitally in Coral Draw and Adobe Photoshop
- CO3- To develop and conceptualize their designs and creations.


## B.Sc. Fashion Deigning (Semester-IV) <br> II. HISTORY OF COSTUMES (Theory)

Time: 3 Hrs.
Total Credit Periods: (Th 6+Pr 3)
Max. Marks: 100
Theory: 37
Practical: 37
Internal Assessment: 26
Note: Medium of Examination in English, Hindi, Punjabi language. Instructions for the Examiners/Paper Setters:

1. There will be five sections.
2. Section A Carries 9 marks and is compulsory consisting of eight short answer type questions of $\mathbf{1 . 5}$ marks each covering the whole syllabus. The candidate will have to attempt six questions in section $A$.
3. Sections B, C, D and E will be set from unit I, II, III, \&IV respectively and will consist of two questions of 7 marks each from the respective unit. The candidates are required to attempt one question from each of these sections.

## OBJECTIVES:

- To acquaint the students with different types of costumes.
- To provide opportunity for skill development in designing accessories

UNIT-I

- Study of costumes from earlier times to present time.
- Indian Costumes
- Indus Valley Period
- Mauryan and Sunga Period
- Kushan Period


## UNIT-II

- Gupta Period
- Mughal Period
- British Period


## UNIT-III

- Costumes of various regions of India North- Punjab, jammu and kashmir. West- Maharashtra and gujrat East- assam and west Bengal. South-kerala and tamilnadu.


## UNIT-IV

- Western Costumes - Egyptian, Greek, Roman, Byzantine, French.


## B.Sc. Fashion Deigning (Semester-IV)

## II. HISTORY OF COSTUMES (Practical)

Time: 3 Hrs
Mark: 37

- Set three questions out of which students have to attempt 2 of 15 marks each.
- File work - 07 marks
- Sketch costumes for men, women and children and accessories for the following:
a. Indus valley civilization.
b. Vedic age
c. Mauryan
d. Mughal
- Sketch costumes and accessories for East, West, North and South regions of India.
- Sketching and Rendering of - Headgears, footwear, handbags, belts, gloves, earrings, necklaces and bangles.
- Preparation of any four accessories.


## References:

1. Singh Kiran. "Textiles in Ancient India", VishwaVidalaya.
2. Oar S.N., "Costumes of India and Pakistan", OB Tataporevala Sons and Co. Ltd, 1982.
3. Kumar Ritu. "Costumes \& Textiles of Royal India", Christies Book Ltd, London, 1999.
4. Ghurey, G.S.. "Indian Costumes", The Popular Book Depot.
5. Chandermoti. "History of Indian Costumes".
6. Mehta. Rustam J. "Masterpieces of Indian Textiles", Taraporevala Sons \& Co. Pvt. Ltd.. Bombay.
7. Peacock John, "Fashion Accessories - Men", Thames and Hudson, London, 1996.
8. Peacock John, "The Complete 20" Century Source Book", Thames and Hudson, London, 2000.
9. Billcocks Claire. "Century of Bags", Chartwell Books, New Jersey, 1997.

## COURSE OUTCOMES:

- CO1- Students will develop understanding about ancient and contemporary costumes of India and Identify historical periods of clothing and describe how the themes of politics, morality, social issues, the economy, technology, culture, and geography impact society and influence fashion development.
- CO2- Understand and discuss the fabric, style, color, and fashion terminology used to identify characteristics of fashions of the past and present.
- CO3- Compare contemporary designs manufactured in today's apparel industry with their classic style counterparts of past centuries, and predicts or evaluates trends.
- CO4- Evaluate and identify costumes of various periods for authenticity, fit, and appearance on a body in motion when viewing historic/period videos.


# B.Sc. Fashion Deigning (Semester-IV) <br> III. GARMENT CONSTRUCTION AND DRAPING (Theory) 

Time: 3 Hrs.
Total Credit Periods: (Th 3+ Pr 6)
Max. Marks: 150
Theory: 37
Practical: 75
Internal Assessment: 38
Note: Medium of Examination in English, Hindi, Punjabi language.
Instructions for the Examiners/Paper Setters:

1. There will be five sections.
2. Section A Carries 9 marks and is compulsory consisting of eight short answer type questions of $\mathbf{1 . 5}$ marks each covering the whole syllabus. The candidate will have to attempt six questions in section $A$.
3. Sections B, C, D and $E$ will be set from unit I, II, III, \&IV respectively and will consist of two questions of 7 marks each from the respective unit. The candidates are required to attempt one question from each of these sections.

## OBJECTIVES:

- To introduce concept of advanced garment construction.
- To introduce the concept of garment making.
- To impart knowledge of different garment components.


## THEORY:

UNIT-1

- Selection of clothing according to - age, occupation, season, geographical conditions, religion, social status,different age groups -infants, school going and adolescence.

UNIT -II

- Principles of layout, correct method of laying pattern on the material.

UNIT -III

- Introduction to draping - Tools, equipments used in draping.
- Draping terminology and Preparation of muslin for draping.

UNIT -IV

- Handling special fabrics.
- Lining, interlining, facing and interfacing.


# B.Sc. Fashion Deigning (Semester-IV) <br> III. GARMENT CONSTRUCTION AND DRAPING (Practical) 

Time: 4 Hrs.
Max. Marks: 75

## Instructions for the Examiners/Paper Setters:

1. Set one compulsory question of 20marks from draping.
2. Construction of any one garment of $\mathbf{4 5}$ marks (basic foundation patterns can be used).
3. Scheme work- $\mathbf{1 0}$ marks

- Preparation off commercial paper patterns.
- Construction of churidar, kalidar Kurta.
- Construction of different types of skirts (A-Line, Circular and Pleated Skirt).
- Draping of basic bodice block front and back.
- Draping of basic skirt block front and back.
- Preparation of muslin for draping.


## REFERENCES:

1. Mullick. PremLata, "Garment Construction Skills", Kalyani Publishers, New Delhi.
2. "Complete Guide to Sewing", Reader Digest.
3. Winfred Aldrich, Metric Pattern Cutting, Blackwell Science, UK.
4. Carr Harold \& Latham Barbara, "The Technology of Clothing Manufacture", Oxford Pub. USA, 1994.
5. Cooking G, "Introduction to Clothing Manufacture", Blackwell Science, UK, 1991.

## COURSE OUTCOMES

- CO1-To impart the knowledge of different garment components.
- CO2- Students will be equipped with the knowledge and confidence to respond creatively to design a garment
- CO3- Understanding various draping techniques to create a garment


# B.Sc. Fashion Designing (Semester-IV) <br> IV: FASHION ILLUSTRATION AND APPRECIATION (Practical) 

Time: 3 Hrs.<br>Total Period: Pr 6 Hrs/week

Max. Marks: 50
Practical: 37
Internal: 13

## Instructions for the Examiners/Paper Setters:

Paper will be set on the spot by examiner.

1. Set 3 questions of 15 Marks each out of which 2 have to be attempted.
2. Scheme work- 07 marks.

## OBJECTIVES:

- To enable students to the designing by taking inspiration from different themes.


## PRACTICAL:

Design for following themes taking inspiration from moodboard, storyboard.

1. Clubwear
2. Beachwear
3. Indo- Western using different printing Techniques.

## COURSE OUTCOMES

- CO1- Students will gain knowledge about different designers and their work required in the field of fashion.
- CO2- They will be able to conceptualize their ideas and amalgamation of different accessories with the garments
- CO3- They create stylized figures and innovative fabric textures that enhance their capability as an illustrator
- CO4- They get the knowledge about designer's brand and logos


## B.Sc. Fashion Deigning (Semester-IV) <br> V. PATTERN AND MARKER MAKING ON COMPUTER (Practical)

Time: 3 Hrs.
Total Credit Periods: (00+06)
Max. Marks: 100
Practical: 75
Internal: 25

## Instructions for the Examiners/Paper Setters:

- Set 4 questions of 20 marks each out of which, students are required to attempt any 3 questions.

20x3=60Marks

- File work-

15 Marks

## OBJECTIVES:

- To impart the skills of marker plan, pattern making and drawing using computers.


## PRACTICAL:

- Sloper development, manipulation of darts and seams, explanation of seam allowances.
- Basic principles of marker making on computer (cutting and layout).
- Cross marking and nothing.
- Manipulation grain line.
- Practice exercise.


## REFERENCES:

1. Velsinet DD, "Computer Aided Drafting and Design - Concept and Application", 1987.
2. Taylor P, "Computers in Fashion Industry", Heinemann Pub. 1990.
3. Aldrich Winfred "CAD in Clothing and Textiles", Blackwell Science 1994.

## COURSE OUTCOMES:

- COS1-Students will be able to develop pattern for adults. Different type of Garments.
- COS2- Students will develop the capability and skills of creating the patterns for designer wear with dart manipulation techniques.
- COS3-Students will get to know about the importance of darts and their uses.
- COS4-Students will be able to develop commercial paper pattern to meet industry standards.

B.A./B.Sc. (Biotech., Food Sci., Comp. Sci., Eco., FD., IT., Med., Non Med.)/B.Sc. (Hons.Physics, Chemistry, Maths)/B.B.A./B.C.A./B.Com./B.Com. (Hons.)/BJMC/BA Social Sciences/BA (Hons.) Punjabi, BA (Hons.) English

## SEMESTER-IV <br> ESL-222: ENVIRONMENTAL STUDIES-II (COMPULSORY)

Time: 3 Hrs.
Max. Marks: 50
Theory Lectures: 1½ Hours/ Week

Instructions for Paper Setters: The question paper will consist of three sections. Candidate will be required to attempt all the sections. Each unit of the syllabus should be given equal weightage of marks.

Section-A: (16 Marks): It will consist of five short answer type questions. Candidates will be required to attempt four questions, each question carrying four marks. Answer to any of the questions should not exceed two pages.

Section-B: ( 24 Marks): It will consist of five questions. Candidates will be required to attempt four questions, each question carrying six marks. Answer to any of the questions should not exceed four pages.

Section-C: (10 Marks): It will consist of two questions. Candidate will be required to attempt one question (carrying ten marks) only. Answer to the question should not exceed 5 pages.

## Unit-I

## Biodiversity and its Conservation:

- Definition: Genetic, species and ecosystem diversity.
- Biogeographical classification of India.
- Value of Biodiversity: Consumptive use; productive use, social, ethical, aesthetic and option values.
- Biodiversity of global, National and local levels.
- India as mega-diversity nation.
- Hot-spots of biodiversity.
- Threats to Biodiversity: Habitat loss, poaching of wild life, man wildlife conflicts.
- Endangered and endemic species of India.
- Conservation of Biodiversity: In situ and Ex-situ conservation of biodiversity.


## Unit-II

## Environmental Pollution:

> Definition, causes, effects and control measures of:
a) Air Pollution
b) Water Pollution
c) Soil Pollution
d) Marine Pollution
e) Noise Pollution
f) Thermal Pollution
g) Nuclear Hazards
h) Electronic Waste
> Solid Waste Management: Causes, effects and control measures of urban and industrial wastes.
> Role of an individual in prevention of pollution.
> Pollution case studies.
> Disaster Management: Floods, Earthquake, Cyclone and Landslides.

## Unit-III

## Human Population and the Environment

> Population growth, variation among nations.
> Population explosion-Family welfare programme.
> Environment and human health.
$>$ Human rights.
$>$ Value education.
$>$ HIV/AIDS.
$>$ Women and child welfare.
> Role of information technology in environment and human health.
> Case studies.
> Road Safety Rules \& Regulations: Use of Safety Devices while Driving, Do's and Don'ts while Driving, Role of Citizens or Public Participation, Responsibilities of Public under Motor Vehicle Act, 1988, General Traffic Signs.
> Accident \& First Aid: First Aid to Road Accident Victims, Calling Patrolling Police \& Ambulance.
Unit-IV

## National Service Scheme:

- Entrepreneurship Development: Definition \& Meaning; Qualities of good entrepreneur; Steps/ ways in opening an enterprise; Role of financial and support service Institutions.
- Civil/Self Defense: Civil defense services, aims and objectives of civil defense; Needs for selfdefense training.


## Field Visits:

- Visit to a local area to document environmental assets-river/forest/grassland/hill/ mountain.
- Visit to a local polluted site-Urban/Rural/Industrial/Agricultural.
- Study of common plants, insects, birds.
- Study of simple ecosystems-pond, river, hill slopes etc.
- Contribution of the student to NSS/any other social cause for service of society.

Note: In this section the students will be required to visit and write on the environment of an area/ ecosystem/village industry/disaster/mine/dam/agriculture field/waste management/hospital etc. with its salient features, limitations, their implications and suggestion for improvement.

## References/Books:

1. Agarwal, K. C. 2001. Environmental Biology, Nidhi Publications Ltd. Bikaner.
2. Bharucha, E. 2005. Textbook of Environmental Studies, Universities Press, Hyderabad.
3. Down to Earth, Centre for Science and Environment, New Delhi.
4. Jadhav, H. \&Bhosale, V. M. 1995. Environmental Protection and Laws. Himalaya Pub.
5. Joseph, K. and Nagendran, R. 2004. Essentials of Environmental Studies, Pearson Education (Singapore) Pte. Ltd., Delhi.
6. Kaushik, A. \&Kaushik, C. P. 2004. Perspective in Environmental Studies, New Age International (P) Ltd, New Delhi.
7. Miller, T. G. Jr. 2000. Environmental Science, Wadsworth Publishing Co.
8. Sharma, P. D. 2005. Ecology and Environment, Rastogi Publications, Meerut.
9. Booklet on Safe Driving. Sukhmani Society (Suvidha Centre), District Court Complex, Amritsar
10. Kanta, S., 2012. Essentials of Environmental Studies, ABS Publications, Jalandhar.

## B.Sc. Fashion Designing (Semester-V) <br> I. Fashion Illustration and Appreciation (Practical)

Time: 4 Hrs.
Max. Marks: 100
Practical: 75
Internal Assessment: 25

## Instructions for the Examiners/Paper Setters:

- Set 5 questions out of which students have to attempt any 4 questions.
- 3 questions carry - 20 marks each and 1question carry 15 marks.


## UNIT-A

- 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 -B

- Illustrating 4-5 sheets of each theme along with mood board storyboard.


## COURSE OUTCOMES:

- CO1- To impart the knowledge of different garment components
- CO2- Students will be equipped with the knowledge and confidence to respond creatively to design a garment
- CO3- Understanding various draping techniques to create a garment
- CO4- Students will be able to create new designs with basic garments and use them in making designer costumes


# B.Sc. Fashion Designing (Semester-V) <br> II. Draping, Pattern Making and Construction (Practical) 

Max. Marks: 150
Time: 4 Hrs.
Practical: 112
Internal Assessment: 38

## Instructions for the Examiners/Paper Setters:

- One question from draping for 26 marks
- Pattern - 26 marks
- Construction of garment with finishing - 60 marks


## UNIT-A

- Draping of stylized skirts
- Draping of stylized necklines, armholes
- Draping of front and back bodice with princess line
- Draping of front bodice with French darts.
- Draping of sleeve collar, cowl neck
- Front and Back torso


## UNIT-B

- Construction of garments on each theme:
- Night Wear
- Ethnic wear


## COURSE OUTCOMES:

- CO1- To impart the knowledge of different garment components.
- CO2- Students will be equipped with the knowledge and confidence to respond creatively to design a garment.
- CO3- Understanding various draping techniques to create a garment.
- CO4- Students will be able to create new designs with basic garments and use them in making designer costumes.
- CO5- Students will be able to construct complete garment .


## Syllabus 2021-2022/P.G Department of Fashion Designing

# B.Sc. Fashion Designing (Semester-V) <br> III. CAD (Computer Aided Designing) (Practical) 

Max. Marks: 75
Practical: 56
Internal Assessment: 19

## Instructions for the Examiners/Paper Setters:

- Set 4 questions out of which students have to attempt 3 questions - 20 marks each.
- 2 questions carry - 19 marks each and 1question carry 18 marks.

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.

## COURSE OUTCOMES:

- CO1- Students will gain knowledge about different themes required in the field of fashion
- CO2- Students will be able to make designs digitally in Coral Draw and Adobe Photoshop
- CO3- To develop and conceptualize their designs and creations
- CO4- They will be able to conceptualize their ideas and amalgamation of different accessories with the garment.


# B.Sc. Fashion Designing (Semester-V) <br> IV. Internship for Design and Construction of Garments (Practical) 

Max. Marks: 75
Practical: 56
Internal Assessment: 19

- Industrial training on production of garments.(1 month)
- Submitting report
- Designing and construction of samples during training (at least 2)


## COURSE OUTCOMES:

- CO1-To make students understand the different concepts and processes of Apparel Industry.
- CO2-To impart practical knowledge to students about constructions of different types of sleeve, collars, yokes, waist bands, frocks etc.
- CO3-To impart knowledge regarding the origin and development of textiles. To make the students aware of the basic textile design concepts and fashion theories.


# B.Sc. Fashion Designing (Semester-V) <br> V. Leather Technology (Theory) 

Time: 3 Hrs Max. Marks: 100
Theory: 75
Internal Assessment: 25

## Note: Medium of Examination in English, Hindi, Punjabi language. Instructions to the examiner:

Eight questions are to be set, two in each of the four Units (I-IV). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Unit. (I-IV) Unit will be carry equal 15 marksand the fifth question may be attempted from (III-IV) Unit only.

OBJECTIVES: To impart knowledge about knitting technology. To enable students to develop practical skills of knitting.

## UNIT-I

- Introduction to Leather
- History
- Nature and scope of leather industry


## UNIT-II

- Classification of leather
- Tanning process in leather (vegetable, chemical, etc)


## UNIT -III

- Manufacturing of leather
- Trends in technology development


## UNIT -IV

- Principles of leather finishing
- Drying and finishing


## COURSE OUTCOMES:

- CO1-To impact knowledge about leather technology.
- CO2- To enable students to develop practical skills of leather.


## B.Sc. Fashion Designing (Semester-VI)

## I. Fashion Illustration and Appreciation (Practical)

Time: 4 Hrs.
Max. Marks: 100
Practical: 75
Internal Assessment: 25

## Instructions for the Examiners/Paper Setters:

- Set 5 questions out of which 4 have to be attempted- 20 marks each
- 3 questions carry - 20 marks each and 1question carry 15 marks


## UNIT- A

$\checkmark$ Appreciation of 3 western designers
$\checkmark$ Collecting and illustrating the work of 2 Indian designers
$\checkmark$ Brief history
$\checkmark$ Famous design

## UNIT-B

$\checkmark$ Illustrating the innovative dresses by the use of appropriate mediums and different presentation skills by taking inspiration of famous western and Indian designers.

## COURSE OUTCOMES

- CO1- Students will gain knowledge about different designers and their work required in the field of fashion
- CO 2 - They will be able to conceptualize their ideas and amalgamation of different accessories with the garments
- CO3- They create stylized figures and innovative fabric textures that enhance their capability as an illustrator
- CO4- They get the knowledge about designer's brand and logos.


## B.Sc. Fashion Designing (Semester-VI)

## II. Pattern Making and Construction

Max. Marks: 150
Time: 4 Hrs.
Practical: 112
Internal Assessment: 38

## Instructions for the Examiners/Paper Setters:

-Students have to construct a finished garment and layouts and patterns of the same.
-Construction of the garment- 60 marks
-Layout- 26 marks
-Paper pattern - 26 marks

## UNIT-A

Construction of garments on each theme:
$\checkmark$ Office wear
$\checkmark$ Evening wear

## UNIT-B

Design and construct any innovative garment based on previous paper.

## COURSE OUTCOMES:

- CO1- Students will be able to create basic garments for adults
- CO2- Students will be able to create new designs with basic garments and use them in making designer costumes
- CO3- Students will gain the understanding regarding different garment components and their construction.
- CO4- Students will be able stitch sleeves, necklines and other parts of garments COS5Students will be able to construct complete garment


# III. Computer Aided Designing <br> (Practical) 

Time: $\mathbf{3}$ Hrs.
Max. Marks: 75
Practical: 56
Internal Assessment: 19

## Instructions for the Examiners/Paper Setters:

Set any 4 questions out of which students have to attempt 3 questions. 2 questions carry - 19 marks each and 1question carry 18 marks

UNIT-A

Adobe Photoshop
$\checkmark$ Introduction to Photoshop
$\checkmark$ Opening, closing and saving a file
$\checkmark$ Tool Box
$\checkmark$ Importing, Exporting and printing a document
$\checkmark$ Color Palettes
$\checkmark$ All menus

## UNIT-B

Designing outfits on the following themes using both softwares that is Corel and Photoshop
$\checkmark$ Season/Casual wear
$\checkmark$ Party wear
$\checkmark$ Sportswear/ Uniform(School)
$\checkmark$ Draping simulation of any 2 designs

## COURSE OUTCOMES:

- CO1- Students will gain knowledge about different themes required in the field of fashion
- CO2- Students will be able to make designs digitally in Coral Draw and Adobe Photoshop
- CO3- To develop and conceptualize their designs and creations
- CO4- They will be able to conceptualize their ideas and amalgamation of different accessories with the garments.


## B.Sc. Fashion Designing (Semester-VI)

## IV. Survey and Project Report

Time: 3 Hrs.
Max. Marks: 100
Practical: 75
Internal Assessment: 25
$\checkmark$ Survey on any Indian state
$\checkmark$ Make a project report
$\checkmark$ Design any 10 garments taking it as inspiration

## COURSE OBJECTIVE:

CO1- Show the knowledge about Working environment by giving real-time exposure in the Industry.
CO2- Demonstrate the various opportunities in the Textile field.
CO3- Explain the students to relate their theoretical knowledge with the application domain of the Textile processing/ weaving/ Spinning/ Knitting/ garment industry.

# B.Sc. Fashion Designing (Semester-VI) <br> V. Fashion Industry, Marketing and Management <br> (Theory) 

Time: 3 Hrs. Max. Marks: 75
Theory: 56
Internal Assessment: 19
Note: Medium of Examination in English, Hindi, Punjabi language.
Instructions for the Examiners/Paper Setters:
Eight questions are to be set, two in each of the four Units (I-IV). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Unit. (I-II) Unit will be carry equal 10 marksand (III-IV) Unit will be carry equal 12 marks. The fifth question may be attempted from (III-IV) Unit only.

## UNIT- I

- Introduction to fashion industry
- Indian and global fashion market


## UNIT - II

- Career in fashion industry
- Level of fashion industry-Couture, ready to wear, mass production

UNIT - III

- Introduction to marketing
- Nature and scope of marketing
- Marketing research

UNIT - IV

- Marketing concept
- Fashion market and marketing environment
- Management-Concept, principles, characteristics

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## COURSE OUTCOMES

- CO1-. Use basic buying management methods to meet the needs of a simulated retail Market.
- CO2-. Evaluate relevant data in order to determine a Suitable assortment of merchandise.
- CO3- Work effectively and productively as a team members in order to negotiate and achieve a desired outcome


## FACULTY OF SCIENCES

## SYLLABUS

FOR

# M. Sc. Fashion Designing \& Merchandising (Semester: I -IV) 

Examinations: 2021-22

## KHALSA COLLEGE AMRITSAR (An Autonomous College)

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Please visit the Khalsa College website time to time.
M.Sc. Fashion Designing \& Merchandising (Semester System)

Semester-I
Scheme of Studies \& Examination

| Paper | Subject | Theory | Practical | No. of Periods Per Week | Duration of exam. | Th/pr <br> Marks | Internal Assessment | Total marks |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I | Fashion Illustration | - | Pr | 2x3 | 4 Hrs. | 56 | 19 | 75 |
| II | Product Development Workshop | - | Pr | $2 \times 5$ | 5 Hrs. | $\begin{gathered} 112 \\ (56+56) \end{gathered}$ | 38 | 150 |
| III | Pattern <br> Making and Grading | - | Pr | 2x3 | 3 Hrs. | 37 | 13 | 50 |
| IV | Computer <br> Aided <br> Fashion <br> Designing | - | Pr | 2 x 4 | 3 Hrs. | 75 | 25 | 100 |
| V | History of Indian Costumes | Th | - | 4 | 3 Hrs. | $\begin{gathered} 75 \\ (60+15) \end{gathered}$ | 25 | 100 |
| VI | Communicati on Skills in English | Th | Pr | 6 | 3 Hrs. | $\begin{gathered} 62 \\ (37+25) \end{gathered}$ | 13 | 75 |
| Total Marks |  |  |  |  |  | 417 | 133 | 550 |

# M.Sc. Fashion Designing \& Merchandising (Semester-I) 

# Paper-I <br> Fashion Illustration (Practical) 

Practical:(2X6) Pds/ Week
Total Marks: 75
Time: 4 Hrs
Practical : 56
Internal Assessment: 19

## Instructions to the Examiner:

$>$ The Examiner will set 3 questions. One question from each section, questions may have sub parts. Two questions carry equal 19 marks and one question carry 18 marks.
Objective:
$>$ To understand fashion illustration concepts and techniques.

## Unit- I

$>$ Basic drawing techniques and sketching, nature study (Flowers and leaves).
$>$ Basic Block Figure - Kids
$>$ Flesh figure in different poses-Kids
$>$ Facial features, hair styles etc.
Unit - II
$>$ Rendering different mediums -Pencil (Charcoal, Staedtlers), Poster, Water, Oil, Pasteland Ink.
$>$ Colour and Colour Wheel.
$>$ Colour Schemes - Monochromatic, Achromatic, Polychromatic, Adjacent, Complementary, Warm, Cool, Rainbow Pastels, Tints and Shades and using them in Geometrical, Abstract and Realistic Designs

> Unit - III
> Patterns and Motifs suitable for kids wear
> Creating various textures using different techniques and mediums - Net, Knit, Denim, Velvet, Lace, Fur, Brocade, Tweed, Leather, Silk and Corduroy.

## Books Recommended:

1) AblingBina, "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.

## COURSE OUTCOMES:

- CO1: Student will learn to draw fashion figures by understanding body proportions.
- CO2: Students get brief knowledge about creating various textures using different techniques and mediums.
- CO3: To understand the rendering with different mediums as well as get brief knowledge about colour wheel and colour schemes.
- CO4: Learners will be able to enhance their drawing skills and illustrate their ideas in different styles with detailing.
- CO5: To develop approach towards ideation and confidence in presenting work creatively.


# M.Sc. Fashion Designing \& Merchandising (Semester-I) 

## Paper-II <br> Product Development-Workshop (Practical)

Practical: $2 \times 5$ Pds/ Week
Total Marks: 150
Time for Paper : $\mathbf{5} \mathbf{~ H r s}$
Ext. : 56
Workshop (Int): 56
Internal Assessment: 38

## Objective:

To enable the students to apply the knowledge of design process in making a collection.
PRODUCT DEVELOPMENT (EXT: 56)

## Instructions to the Examiner:

Construction of any one garment from below mentioned kids wear :
$>$ Party Wear
$>$ Casual Wear
$>$ Innovative Dress
$>$ Uniform (School)
Emphasis should be given to pattern development, placement on the fabric, design features, and finishing of the garment.

## WORKSHOP (Int: 56)

## Instructions to the Faculty:

Students to construct three Garments from the below mentioned kid's wear collection.
$>$ Party Wear
$>$ Casual Wear
$>$ Sports Wear
$>$ Uniform (School)
The jury comprising of teaching faculty will mark the three Garments attempted by the students, out of 56 marks. The marks distribution of the collection will be as follows:

Design Development
10 Marks

- Research
- Finalisation of Theme
- Sourcing
- Finalization of designs
> Measurements and specification sheets.
Pattern Development
10 Marks
Syllabus 2021-2022/P.G Department of Fashion Designing
$>$ Development of basic blocks
$>$ Pattern making and layout
Product Development
12 Marks
Construction on actual fabric.
- Photo Shoot

12 Marks
The Documentation of all processes in one report to be submitted in the department.
12 Marks

## Books Recommended:

## Essential Reading:

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, McMillian Publishing Company.
4) Bray N., Dress Pattern Designing, 2003 ( $5^{\text {th }}$ edition) Willey Blackwell.
5) Pattern Making for Fashion Design by Helen Joseph Armstrong, 2005, Prentice Hall.
6) Tata Sharon Lee, "Inside Fashion Design", 1977, Francisco Canfield Press,
7) Ireland Patrick John, Fashion Design Drawing and Presentataion, 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.

## COURSE OUTCOMES:

CO : Predict the trend and design of garment.
CO2: Develop the basic theme board, mood board, color band.
CO3: Collect the customer profile and fabric sourcing.
CO4: Illustrate the garment design with backdrops. Prepare the spec sheet, construct the pattern and garment.

# Paper-III <br> Pattern Making and Grading (Practical) 

Practical: $2 \times 3$ Pds/ Week
Total Marks: 50
Practical: 37
Internal Assessment: 13

## Instructions to the examiner:

- The examiner will set one question each from Section B, C, \&D. One question carry 13 marks and two questions carry equal 12 marks.
- Internal choice may be given.

Objective:
$>$ To understand the importance of pattern development.
$>$ To apply the knowledge of pattern development for creating structural designs.
Unit- I

## Introduction to Pattern Making

$>$ Pattern making tools.
$>$ Pattern making terms.
Anthropometric measurements (in cms and inches)
Study of various sizes and measurements: measurement charts, selection of right size, fitting problems.
Unit - II

Child Bodice block and Sleeve Block
Adult Bodice block and Sleeve block using metric system.
Drafting of Sleeves:-
> Circular/ Handkerchief
$>$ Bishop Sleeve
> Lantern Sleeve
$>$ Juliet Sleeve
$>$ Saddle Sleeve
$>$ Drop Shoulder Sleeve.

## Drafting of Collars:

$>$ Winged Collar
$>$ Chelsea Collar
$>$ Bishop Collar
$>$ Coat Collar
$>$ Shawl Collar
> Stand \& Fall Collar
$>$ Convertible Collar.
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## Drafting of Skirts:

$>$ Basic Skirt
$>$ Wrap around skirt
$>$ Handkerchief skirt
Developing contoured Patterns:
$>$ Halter Style
$>$ Off Shoulder
$>$ Double Breasted

## Unit - III

## Dart Manipulation:

$>$ Shifting of Darts by pivot method, slash and spread method on full scale. (One Exercise for each of the following)
$>$ Single Dart Series
$>$ Two Dart Series
$>$ Multiple Dart Series
$>$ Princess Line and Empire Style Lines
$>$ Style Darts
$>$ Yokes
$>$ Gathers
Unit - IV

Introduction to Grading-: Direct and Vector Method
$>$ Grading of Adult Bodice Block
$>$ Grading of Full Sleeve
$>$ Grading of Skirt Block.

## Books Recommended:

Essential Readings:

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.

## Further Readings:

4. Gale Grigg Hazen, Fantastic Fit for Every Body, 1998, Published by Rodale Press
5. Pati Palmer and Marta Alto Palmer, Fit for real People, 1998., Pletsch Inc.,
6. Kathleen Maggio, Altered Clothing.
7. Pati Palmer and Susan Pletsch, Easy, Easier, Easiest Tailoring,; 2000., Published by Palmer/ Pletsch Inc.,

## COURSE OUTCOMES:

CO1: It will help students to use basic patternmaking principals to create design variations. CO : Students will be able to apply the learned techniques of draping to develop a product. CO3: Students will able to apply pattern making principals to create design variations and construct garments.
CO4: Students will be able to understand the grading of sizes manually.

# M.Sc. Fashion Designing \& Merchandising (Semester-I) 

## Paper-IV

## Computer Aided Fashion Designing (Practical)

Practical: 2 x 4 Pds/ Week
Total Marks: 100
Time: 3 Hrs
Practical : 75
Internal Assessment: 25

## Instructions to the Examiner:

$>$ Question paper will have one question from each section.
$>$ One question carry 38 marks and other question carry 37 marks.
Objectives:

- To enable students to handle tools of Adobe Illustrator \& Photoshop to create fashion and design Illustration.


## Unit-I

## Adobe Illustrator:

$>$ Introduction Vector Graphic and Bitmap Graphic.
$>$ Opening, closing and saving a file.
$>$ Tool Box
$>$ Grids and Guideline
$>$ Ruler Setting
$>$ Paths - With all options
$>$ Importing and Exporting
> Printing a document
$>$ Filters
$>$ Layers
$>$ All Menus

## Project 1:

Drawing the below given Fashion Details by applying various textures and effects.

## Fashion Details:

> Collars: Turtle, Tuxedo, Cape, Convertible, Shirt, Sailors, Chelsea, Coat, Cowl Neckline.
> Sleeves: Raglan, Ruffle, Dolman, Virago, lantern, Leg-O-Mutton, Bell.
$>$ Bodice: Basic, Halter Style, Off shoulder, Double Breasted
> Skirts: Basic, A-Line, Flared, Fishtail, Petal, Peplum, Puffball, Divided.
$>$ Trousers: Basic, Dungarees, Hipster, Capri, Bell Bottom, Jodhpurs, Fisherman Pants,Cargo.
> Pockets: Patch, Inseam, Welt, Bound and Pouch.
> Accessories: Bags, Belts, Caps, Bows, Jewellery, Scarves.

## Project 2:

Figure Drawing: Male, Female and Kids.
$>$ Mood Board and story Board based on Theme.
> Design and Drape: Kids wear

## Unit -II

## Adobe Photoshop

$>$ Introduction: Vector Graphic and Bitmap Graphic.
$>$ Opening, closing and saving a file.
$>$ Tool Box
> Importing and Exporting
> Printing a document
> Image size and Resolution
$>$ Color Palettes
$>$ All Menus

## Project 3:

## Draping Simulation:

## 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

## COURSE OUTCOMES:

CO1: To enable students to handle tools of Adobe Illustrator Photoshop to create fasahion design illustration.
CO2: Students will again knowledge about different themes required in the field of fashion.
CO3: They will be able to conceptualize their ideas and amalgamation of different accessories with the garments.
CO4: To develop approach towads ideations and confidence in presenting work creativity.

# M.Sc. Fashion Designing \& Merchandising (Semester-I) 

# Paper-V <br> History of Indian Costumes (Theory) 

Theory: 4 Pds/ Week
Time for Paper: $\mathbf{3} \mathbf{~ H r s}$

Total Marks: 100
Ext: 60
Int. (Project): 15
Internal Assessment: 25

Note: Medium of Examination in English Language.
Instructions to the examiner:
4. There will be five sections.
5. Section A Carries 12 marks and is compulsory consisting of fifteen short answer type questions of 1 marks each covering the whole syllabus. The candidate will have to attempt twelve questions in section $A$.
6. Sections B, C, D and E will be set from unit I, II, III, \&IV respectively and will consist of two questions of $\mathbf{1 2}$ marks each from the respective unit. The candidates are required to attempt one question from each of these sections.

Objectives:
$>$ To acquaint the students with the history and evolution of Indian Costumes.

## UNIT- I

$>$ Origin of clothing : Theories
$>$ Origin of Costumes and their development according to social factors.
$>$ Ancient Indian Civilization Costumes:

- Mauryan (321-185 BC)
- $\quad$ Sunga (185-72BC)
- Satavhana (200BC-250AD)
- Gupta ( $4^{\text {th }}$ century AD- Middle $8^{\text {th }}$ century)


## UNIT- II

$>$ Mughal Period :- Costumes of Pre- Mughal, and Post- Mughal Period
$>$ British Period :- Costumes of Pre- independence and Post Independence period

## UNIT - III

$>$ Traditional costumes of India

- North Zone - Punjab, Jammu and Kashmir
- East Zone - Assam, West Bengal
- West Zone - Maharashtra, Gujrat
- South Zone - Kerala, Karnataka


## UNIT - IV

## Dance Costumes of India

- Punjab - Gidda and Bhangra
- Gujrat- Garba
- Manipur - Raslila
- AndhraPradesh - Kuchipudi
- Orissa-Odissi


## PROJECT :( Int: 15 marks)

Students to present seminars / Power-Point Presentations / or Displays on any one of the above.

## Books Recommended:

## Essential Reading

1. A.Biswas, Indian Costumes, (2003), Publication Division
2. ParulBhatnagar, Traditional Indian Costumes and Textiles, (2004), Abhishek Publications

## Further Reading:

3. J.R. Planche, History of British Costumes, 2001.
4. Indian Textile Prints, (2004) the Pepline Press Agile Rabbit Editions.
5. Ritu Kumar, Costumes and Textiles of Royal India, (1999), Christie's Book.

## COURSE OUTCOMES:

CO1: Students will develop understanding about ancient and contemporary costumes of India. CO2: Students will learn about fabrics, techniques and drapes of different eras and will be able to introduce to today's fashion industry in a more creative way.
CO3: Identify historical periods of clothing and describe how the themes of politics, morality, social issues, the economy, technology, culture and geography impact society and influence fashion development.
CO4: Understand and discuss the fabric, style, colour and fashion terminology used to identify charachterstics of fashions of the past and present.
CO5: Compare contemporary designs manufactured in today areapparel industry with their classic style counter parts of past centuries and predict or evaluate trends.

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2021-22
SEMESTER-I
Paper -VI COMMUNICATION SKILLS IN ENGLISH
M.Sc Fashion Designing \& Merchandising
Time: 3 Hours
Max. Marks: $\mathbf{7 5}$
Theory Marks: 37
Practical: 25
Internal Assessment: 13

## Suggested Pattern of Question Paper:

The examiner to follow guidelines given below
a. Introduction, basic forms of communication, effective communication concepts 6 marks
b. Advantages and Disadvantages of Communication, Barriers of Communication

5 Marks
c. Comprehension questions of an unseen passage.

6 marks
d. Precis making of a paragraph

5 marks
e. Summary writing

5 marks
f. Business letters with internal choice

5 marks
g. Article writing

5 marks
UNIT -I
Introduction, Basic Forms Of Communication, Effective Communication Concepts
UNIT-II
Advantages and Disadvantages of Communication, Barriers of Communication

## UNIT -III

Reading Skill Reading tactics and strategies; Reading purposes-kinds of purposes and associated comprehension; Reading for direct meanings; Reading for understanding concepts, details, coherence, logical progression and meanings of phrases/ expressions.

Paraphrasing/précis writing and summary writing

## UNIT IV

Writing skill Letter writing: writing styles and formatting of letters, business letters, request letters, good news and bad news letters, persuasive letters, collection letters

## UNIT V

Article Writing On Issues Related To Fashion, Style And Design: how to begin, the topic sentence and the controlling idea, structure, coherence, descriptive writing techniques and critical appreciation.
Instruction to the examiner for practical/oral exam:
The practical/ oral examination will be conducted by the examiner appointed by GNDU as per rules. The examiner will test pronunciation of the examinees by giving them oral exercises on Word-stress and connected speech. The examiner will test the listening skills of the examinees by playing a recorded cassette or by reading out a passage himself/herself and asking questions . he /she may also ask the examinees to take notes.

## Pronunciation-7

## Listening Comprehension -6

Word stress-7

Pronunciation - introduction of English sounds and their symbols, word-stress features of connected speech- Rhythm, assimilation, elision, linking

## Listening Skills

Principles of effective listening, factors affecting listening
Listening to T.V. News/ Audio Cassettes
Note-taking

## Recommended Books:

1) Oxford Guide to Effective Writing and Speaking by John Seely.
2) A Course In Grammar And Composition, Foundation Books, 2006
3) A Course In Listening And Speaking I by V. Sasikumar etal, Foundation Books
4) English Phonetics and Phonology by Peter Roach, Cambridge University Press
5) Advanced Learner's Dictionary( New Edition)
6) English Pronouncing Dictionary by Daniel Jones, Cambridge University Press
M.Sc. Fashion Designing \& Merchandising (Semester System)

Semester-II
Scheme of Studies \& Examination

| Paper | Subject | Theory | Practical | No. of <br> Periods <br> Per <br> Week | Duration <br> of exam. | Th/ pr <br> Marks | Internal <br> Assessment | Total <br> marks |
| :---: | :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I | Fashion <br> Illustration | - | Pr | $2 \times 3$ | 4 Hrs. | 56 | 19 | 75 |
| II | Product <br> Development <br> Workshop | - | Pr | $2 \times 5$ | 5 Hrs. | 112 | 38 | 150 |
| III | Pattern <br> Development <br> $\&$ Draping | - | Pr | $2 \times 3$ | 3 Hrs. | 56 | 19 | 75 |
| IV | Computer <br> Aided Fashion <br> Designing | - | Pr | $2 \times 3$ | 3 Hrs. | 75 | 25 | 100 |
| V | Fashion <br> Merchandising <br> and Marketing | Th | - | 4 | 3 Hrs. | 75 | 25 | 100 |
| VI | Traditional <br> Indian <br> Embroideries | Project |  | 3 | - | 37 | 13 | 50 |

In plant Training: Students to undertake in-plant training in any garment industry/ Manufacturing unit/Export unit/Textiles manufacturing unit/ Merchandising Firm, after Semester II. A project report and certificate of completion from the training unit to be submitted in the department is mandatory.

# M.Sc. Fashion Designing \& Merchandising (Semester-II) <br> Paper-I <br> Fashion Illustration (Practical) 

Practical: $2 \times 3$ Pds/ Week
Total Marks: $\mathbf{7 5}$
Practical : 56
Internal Assessment: 19

## Instructions to the examiner:

- The examiner will set one question from each section. Questions may have sub-parts.

Two questions carry equal 19 marks and one question carry 18 marks.
Objective:

- To enable students to draw fashion figures and model figures


## Unit -I

$>$ Basic Block Figure- Female.
$>$ Geometric Fashion model with movable ball joints.
$>$ Figure Drawing in different postures by soft rendering.
$>$ Sketching of Facial features - Eye, Ear, Nose.
$>$ Sketching of Faces \& Hair Styles.
$>$ Sketching of hands, Arms, Legs, Feet.

## Unit -II

$>$ Basic Block Figure -Male.
$>$ Geometric Fashion model with movable ball joints.
$>$ Figure Drawing in different postures.
$>$ Sketching of Facial features - Eye, Ear, Nose.

## Unit -III

The following details may be illustrated on Male /Female Figure.
$>$ To illustrate detailing of pleats, tucks, darts, yokes and godets.
$>$ Detailing of hemlines, edging, pockets, fasteners, trimmings and accessories.
$>$ To illustrate variations in skirts, dresses, trouser, coats, and jackets.

## Books Recommended:

## Essential Reading:

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.
Further Reading:
3. Seaman, Fashion Drawing - The Basic Principles", 1994, B.T.Batsford, London.
4. Seaman Julian, Professional Fashion Illustration", 1995, Batsford, London.
5. Drake And Nicholas, "Fashion Illustrations", 1994, Thames and Hudson, London.
6. AblingBina, Fashion Sketch Book", 2006, Fairchild publication.

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## COURSE OUTCOMES:

CO1: Students will learn to draw fashion figures by understanding body proportions.
CO2: Students get briefs knowledge about anatomy of human body.
CO3: Detailing of trims, fasteners and different features of garment.

# M.Sc. Fashion Designing \& Merchandising (Semester-II) Paper-II <br> Product Development-Workshop (Practical) 

Practical: $2 \times 5$ Pds/ Week
Total Marks: 150
Time for Paper : $\mathbf{5} \mathbf{H r s}$
Ext.: 56
Workshop (Int):56
Internal Assessment:38
Objective:

- To enable the students to apply the knowledge of design process in making a collection.


## PRODUCT DEVELOPMENT (Ext :56)

Instructions to the Examiner:
Construction of any one garment from the list given below.
$>$ Casual wear
> Party wear(Traditional / Western / Fusion with corset.
$>$ Executive wear
$>$ Night wear
Emphasis should he given to the pattern development, placements on the fabric, design features and finishing of the garment

## WORKSHOP (Int:56)

Instructions to the Faculty:
Students to construct three Garments from the below mentioned Female collection.
$>$ Casual wear
> Party wear (Traditional / Western / Fusion)
$>$ Executive wear
$>$ Night wear
The jury comprising of teaching faculty will mark the three Garments constructed by the students out of $\mathbf{5 6}$ marks. The marks distribution of the collection will be as follows:

## Design Development

10 Marks

- Research
- Finalisation of Theme
- Sourcing
- Finalization of designs
> Measurements and specification sheets.


## Pattern Development

10 Marks
$>$ Development of basic blocks
$>$ Pattern making and layout
Product Development
12 Marks
$>$ Construction on actual fabric
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Documentation of all processes in one report to be submitted
12 Marks In the department.

## Books Recommended:

## Essential Reading:

1. Connie Amaden-Crawford, A Guide to Fashion to Sewing, Fourth Edition, 1992, Fairchild publications.
2. Dorothy Wood, The Practical Encyclopedia of Sewing, 1999, Lorenz Books, Anness Publishing Ltd., New York.
3. Connie Long, Clarke Barre, Easy Guide to Sewing Blouses (Sewing Companion Library), 1997, The Taunton Press, Inc.
4. McCall's Sewing in Colour, 1971, Butterick Publishing Co.
5. Singer Sewing Book, 1943, Mary Brooks Picken, Kessinger Publishing.
6. Measure, Cut and Sew; Holt Rinehart and Winson. 1922, McMillian Publishing Company.
7. Bray N., Dress Pattern Designing, , 2003(5 ${ }^{\text {th }}$ edition) Wiley Blackwell
8. Pattern Making for Fashion Design by Helen Joseph Armstrong, 2005, Prentice Hall.
9. Tata Sharon Lee, "Inside Fashion Design", 1977, Francisco Canfield Press,.
10. Ireland Patrick John, Fashion Design Drawing and Presentation", 1996, B.T.Batsford, London,.
11. Seaman, Julian Professional Fashion Illustration, 1995, B.T. Batsford, London,.
12. Drake And Nicholas, Fashion Illustrations", 1994, Thames and Hudson, London"

## Further Reading:

13. Wendy Gardiner, The Encyclopedia of Sewing Techniques a Step-by Step Visual Directory within Inspirational Gallery of Finished pieces, 2003, Piers Spence Search Press Limited Kent.
14. Complete Book of Sewing - A Practical step-by-step Guide to Sewing Techniques, 1996, Dorling Kindersley Publishing Inc. London.
15. Basic Pattern Skills for Fashion Design by Bernard Zamkoff, 1997, Fairchild Publication,.
16. Ernestine Koff, Design Apparel Through Flat Pattern, 2006, Cole Publishing Co.
17. Martin Shoben, Pattern Cutting \& Making Up, 1987, Butter Worth, heimeneman.
18. Hilde Jaffe, Draping for Fashion Design, 2007, Claudia Barbara.
19. Ireland, Patrick John, Fashion Design Drawing and Presentation 1996, ", B.T. Batsford, London,.
20. ElisabettaDrudi, T.Paci, "Figure Drawing for Fashion", 2002, The Pepin Press.
21. BinaAbling, Fashion Illustrations, 2008, Fairchild publication,
22. BinaAbling, Fashion rendering with Color, 2000, Fairchild Publication.
23. Thames \& Hudson, Vogue Sketch Catalogue, 1911, Si New House.

## COURSE OUTCOMES:

CO1: Predict the trend and design of garment.
CO2: Develop the basic theme board, mood board, color board.
CO3: Collect the customer profile and fabric sourcing.
CO4: Illustrate the garment design with backdrops. Prepare the spec sheet, construct the pattern and garment.

# M.Sc. Fashion Designing \& Merchandising (Semester-II) <br> Paper-III <br> Pattern Development and Draping - (Practical) 

Practical: $2 \times 3$ Pds/ Week
Total Marks: $\mathbf{7 5}$
Time: $\mathbf{3} \mathbf{H r s}$
Practical : 56
Internal Assessment: 19

## Instructions to the examiner:

$>$ The examiner will set one question from each section. Questions may have sub-parts.
Two questions carry equal 19 marks and one question carry 18 marks.

## Objectives:

$>$ To understand the draping aspects of pattern making.
$>$ To apply the knowledge of draping in developing patterns and designs by draping Unit - I

Draping basic bodice block: Front, Back:
$>$ Preparation of muslin, Draping steps, Marking and Truing.
$>$ Block with waist dart
$>$ Block with Armhole and Waist dart
$>$ Dart less Block
Draping of skirts:

- Draping of basic skirt
- Pleated skirt

Draping of Sleeve
$>$ Basic sleeve
$>$ Stylized sleeve (any one -raglan, cowl, leg-o-mutton etc.)
Draping of Collars
$>$ Convertible collar
$>$ Mandarin collar
$>$ Notched collar
$>$ Shawl collar
Unit - II

Draping of Torso block using following features:
$>$ Princess line
$>$ Empire line
Draping of Bodice with following features:
$>$ Cowl Neckline: Basic or Cowl with yoke
$>$ Turtle neckline
$>$ Yokes

## Construct a garment using above features

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## Books Recommended:

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

## COURSE OUTCOMES:

CO1: Developed the skills will help students to use basic patternmaking principles to create design variations.
CO 2 : Students will be able to apply patternmaking principles to create design variations and construct garments
CO3: Exploring the knowledge related to different fashion components students will be able to create variety of patterns regard to sleeve and collar

# M.Sc. Fashion Designing \& Merchandising (Semester-II) Paper-IV <br> Computer Aided Fashion Designing (Practical) 

Practical: $2 \times 3$ Pds/ Week
Total Marks: 100
Time: 3 Hrs
Practical : 75
Internal Assessment: 25

## Instructions to the Examiner:

$>$ The examiner will set one question covering the whole syllabus. The question will have subparts

## Objectives:

$>$ To enable students to learn the application of pattern making software.

## Pattern Making (Using any Software)

$>$ Introduction
$>$ Notches and Darts
> Pleats, Tucks, yokes, Godets
$>$ Dart manipulation
Marker Making
> Marker Making and piece plotting of various product types and printing on A4 sheets.

## Project 1:

Pattern
$>$ Child bodice block and sleeve Block.
$>$ Adult Bodice Block and Sleeve Block (Male and Female)
$>$ Sleeves
$>$ Collars
$>$ Skirts

## Project 2:

Grading the patterns to various sizes
$>$ Grading of Adult Bodice Block
$>$ Grading of Sleeve
$>$ Grading of Skirt
> Marker setting of all Graded garments.

## Books Recommended:

1. Software Manuals
2. Joseph, Helen, Pattern Making for Fashion Designing
3. Coklin. Gerry, Pattern Grading for Women's Clothes

## COURSE OUTCOMES:

CO 1:Ability to understand \& apply common design patterns to incremental development.
CO 2 :Students are enabling to understand about pattern making digitally. They understand about pattern software (JDPDS).
CO3:Easy working on patterns for grading as pattern marker for layout.

# M.Sc. Fashion Designing \& Merchandising (Semester-II) 

# Paper-V <br> Fashion Merchandising and Marketing (Theory) 

Theory: 4 Pds/ Week
Total Marks: 100
Time: 3 Hrs
Theory : 75
Internal Assessment: 25

Note: Medium of Examination in English Language.
Instructions to the examiner:
$>$ Question paper will have five sections.
$>$ There will be section-A compulsory for objective type questions. Eighteen questions are to be set in section-A covering the whole syllabus. Students have to attempt any 15 questions, carrying equal 1 mark.
$>$ Examiner will set 8 questions of 15 marks Comprising two questions from each section, in section-B, C, D \&E. Students are required to attempt one question from each section. Questions can have subparts.

## Objective:

$>$ To help students to comprehend the role of merchandiser.
Unit - I
$>$ Set objective type questions carrying all the units.
Unit - II
$>$ Fashion Terminology: Fashion, Fad, Classic, Style, Trends, Apparel, High Fashion, Mass Fashion, Boutique, Couture, Couturier, Couturier, Taste, Silhouette
$>$ Fashion $\&$ role of textile in fashion
> Fashion Forecasting: Trend Analysis, Merchandize planning and types.

## Unit -III

- Fashion Business: Introduction, Scope, Forms of Business Organization.
- Fashion Merchandising: Introduction, role and responsibility of Merchandiser.
- Range Development: Product and range development on the basis of fashion calendar, market research.


## Unit IV

- Understanding Marketing and Marketing Process: Nature and scope
- Strategic Planning in the Markets: The fashion markets and the marketing environment.

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- Market Research: Consumer market and behavior of consumers.
- International and Domestic Fashion Markets: Haute Couture, Prêt-a- Porter, Mass production.
- Fashion Markets of World: Italy, Paris, India.


## Unit -V

- Advertising - Role and types of Advertising.
- Sales Promotion: Techniques, Promotional stores.
- Fashion Photography - Design Studios.
- Collection Shows, Fashion Shows, Publicity


## Books Recommended:

## Essential Reading:

1. Merchandise Buying \& Management, John Donnellan, 2001, Farechild Books,.
2. Kitty G. Dickerson, Inside The Fashion Business, $7^{\text {th }}$ Edition, 2003 Prentice hall
3. Elaine Stone, The Dynamics of Fashion, 2004, Fairchild.
4. Jay Diamond; Ellon Diamond, The World of Fashion, 2007, Fairchild.

## Further Reading:

5. Gini Stephens Frings, Fashion from Concepts to Consumer, 1982, Prentice hall,.
6. Tony Hines, Fashion Marketing, 2006, Butter Worth - Heinemann.
7. Rosemary Varley, Retail Product Managemnet : Buying and Merchandising, 2005, Routledge.
8. John Giacobello, Careers in fashion Industry, 2000, Rosel Pub. Group.

## COURSE OUTCOMES:

CO 1:Use basic buying management methods tomeet the needs of a simulated retailMarket.
CO2:Evaluate relevant data in order to determine aSuitable assortment of merchandise.
CO3:Work effectively and productively as a teammembers in order to negotiate and achieve a Desired outcome.

## M.Sc. Fashion Designing \& Merchandising (Semester-II)

# Paper-VI <br> Traditional Indian Embroideries (Project) 

Practical: 3 Pds/ Week
Total Marks: 50
Project (Int):37
Internal Assessment: 13

Samples for Traditional Embroideries.
> Kantha
$>$ Kasuti
$>$ Kashida
$>$ Kutch
> Chikankari
$>$ Chamba Rumal
$>$ Sindhi
$>$ Phulkari
> Manipuri
Note: Students to incorporate the above in their Apparels.
Group Discussion Session on any topic
A visit to any textile museum / Craft cluster / Craft area. Survey and documentation of the selected craft situation as it exists and how it has evolved, to study:
$>$ The textile craft and handicraft of the area in detail.
$>$ The technicalities as well as the present status of the craft.
$>$ Role of designer to uplift the craft
$>$ Study the consumer choice, the marketing channels and outlets.
$>$ Students make a detailed documentation of the implements, materials and process used.
$>$ They will submit the document in the form of Oral Presentation or Display.

## Books Recommended:

## Essential Reading:

1. Rustarm; J. Mehta, "Masterpieces of Indian Textiles", (1970), D.B. Taraporevala Sons \& Co., Pvt.Ltd.
2. JoyeeStorey, The Thames and Hudson- Manual of Textile Printing.' (1974), Thames and Hudson - London.
3. Abraham T.M., Handicraft of India, Graphics Columbia, New Delhi, 1964, Mulk

RajAnandMarg, Vol. VIII, 1954.

## Further Reading:

4. BhushanBrijJamila, The Costumes and Textiles of India, 1958, D.B. Taraporewala Sons and Co., Ltd, Bombay.
5. Bhattacharyya A.K, ChambaRumal, 1968, Indian Museum, Calcutta.
6. Dongerkery, Kamala S., Romance of Indian Embroidery, 1951, Thacker \& Co. Ltd. Bombay.
7. DhamijaJasleen., TheKanthas of Bengal, 1971, The Times of India Annual.
8. Irwin John and Schwartz P.R., Studies in Indo-European textiles, 1966, Calico Museum of textile, Ahmedabad.
9. Irwin and Hall, Indian Embroideries, Published by S.R. Bastikar, P.B. 28, Ahmedabad.
10. Joshi Indira, Kasuti of Karnatak, Popular Prakashan, Bombay 1963.
11. Indian Embroidery - SavitriPandit.

## COURSE OUTCOMES:

CO : Students will be able to differentiate between embroidery works of different states.
CO2: Students will be able to use different technique in their collections.
CO3: Students will be able to understand the problem, issues and other important conditions of craft men working on traditional textiles of different regions of India
M.Sc. Fashion Designing \& Merchandising (Semester System)

Semester-III
Scheme of Studies \& Examination

| Paper | Subject | Theory | Practical | No. of Periods Per Week | Duration of exam. | Th/pr marks | Internal Assessment | Total marks |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I | Product Development Workshop | - | Pr | 2x5 | 5 Hrs . | $\begin{gathered} 112 \\ (56+56) \end{gathered}$ | 38 | 150 |
| II | Advance <br> Draping | - | Pr | 2x3 | 3 Hrs . | 56 | 19 | 75 |
| III | Computer Aided Fashion Designing | - | Pr | 2x4 | 3 Hrs . | 75 | 25 | 100 |
| IV | Surface Ornamentation | - | Pr | 2x2 | 4 Hrs. | 37 | 13 | 50 |
| V | Global Costumes | Th | - | 4 | 3 Hrs . | $\begin{gathered} 75 \\ (60+15) \end{gathered}$ | 25 | 100 |
| VI | Seminar-Indian Traditional Textiles | - | Seminar | 3 | - | 19 | 06 | 25 |
| VII | Research Methodology | Th | - | 2x3 | 3 Hrs | 37 | 13 | 50 |
| Total Marks 411 |  |  |  |  |  |  | 139 | 550 |

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## M.Sc. Fashion Designing \& Merchandising (Semester-III)

## Paper-I

## Product Development-Workshop (Practical)

## Objective:

To enable the students to apply the knowledge of design process in making a collection.

Practical: $2 \times 5$ Pds/ Week
Time for Paper : $\mathbf{5} \mathbf{~ H r s}$

Total Marks: 150
Ext.:56
Workshop (Int):56
Internal Assessment: 38

## PRODUCT DEVELOPMENT (Ext:56 )

## Instructions to the Examiner:

Construction of any one Male garment from the list given below.
$>$ Casual wear
$>$ Traditional Indian wear
$>$ Street wear
$>$ Formal wear
Emphasis should be given to pattern development, placements on the fabric, design features and finishing of the garment.

WORKSHOP ( Int: 56)

## Instructions to Faculty

Students to construct three Garments from the below mentioned garments for Male.
$>$ Casual wear
$>$ Traditional Indian wear
$>$ Street wear
$>$ Formal wear
The jury comprising of teaching faculty will mark the three Garments attempted by the students out of $\mathbf{5 6}$ marks. The marks distribution of the collection will be as follows:

Design Development
10 Marks
$>$ Research
$>$ Finalization of Theme
$>$ Sourcing
$>$ Finalization of designs
$>$ Measurements and specification sheets.
$>$ Development of basic blocks
$>$ Pattern making and layout
Product Development
12 Marks

- Construction of garment on fabric
- Photo Shoot

12 Marks
Documentation of the process to be submitted

## Books Recommended:

## Essential Reading:

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 ( $5^{\text {th }}$ 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.

## Further Reading

10) Basic Pattern Skills for Fashion Design by Bernard Zamkoff, 1997, Fairchild Publication,.
11) Ernestine Koff, Design Apparel through Flat Pattern, 2006, Cole Publishing Co.
12) Martin Shoben, Pattern Cutting \& Making Up, 1987, Butterworth, Heimeneman.
13) Hilde Jaffe, Draping for Fashion Design, 2007, Claudia Barbara.
14) Ireland, Patrick John, Fashion Design Drawing and Presentation 1996,", B.T. Batsford, London,.
15) ElisabettaDrudi, T.Paci, "Figure Drawing for fashion", 2002, The Pepin Press.
16) BinaAbling, Fashion Illustration, 2008, Fairchild Publication.
17) BinaAbling, Fashion Rendering with Color, , 200, Fairchild Publication.
18) Thames \&Husdon, Vogue Sketch Catalogue, 1911, Si New House.

## COURSE OUTCOMES:

CO 1:Predict the trend and design of garment.
CO2:Develop the basic theme board, mood board, color board.
CO3:Collect the customer profile and fabric sourcing
CO4:Illustrate the garment design with backdrops. Prepare the spec sheet, construct the pattern and garment

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## M.Sc. Fashion Designing \& Merchandising (Semester-III) <br> Paper-II

## Advance Draping (Practical)

## Objectives:

$>$ To understand the draping aspects of pattern making.
$>$ To apply the knowledge of draping in developing patterns and designs by draping.
Practical: $2 \times 3$ Pds/ Week
Total Marks: 75
Time for Paper: $\mathbf{3} \mathbf{H r s}$
Practical : 56
Internal Assessment: 19

## Instructions to the Examiner:

$>$ Examiner will set one question from each Section.
Unit - I

## Draping of Skirts

$>$ Basic Skirt with two darts front and back
$>$ A- line skirt with flair
$>$ Gathered skirt with yoke
$>$ Pleated skirt
$>$ Circular skirt
$>$ Skirt with Frills, Flounces or Ruffles.
$>$ Gored skirt

## Unit -II

$>$ Draping of Pants
$>$ Draping of Bustier
$>$ Draping and stitching any one garment

## Books Recommended:

1. Helen Joseph- Armstrong, Draping for Apparel Design, Oct. 1999 Publisher: Fairchild Books \& Visual.
2. Connie Amaden - Crawford, The Art of Fashion Draping, $2^{\text {nd }}$ edition (Oct. 1995) Publisher: Fairchild Books, K Visual.
3. HeddeJeffe, Jurie Reus, Draping for Fashion Design, 1993, Prentice Hall Carrer\& Technology.
4. Connie Amaden, The Art of Fashion Draping Crawford Fairchild.

## COURSE OUTCOMES:

CO1:Students will be able to apply the learned techniques of draping to develop a product. CO2:Students will be able to apply the technique effectively for a desired fit in a garment CO3:Through grading process, students will be able to develop pattern for different sizes.

## M.Sc. Fashion Designing \& Merchandising (Semester-III)

## Paper-III

## Computer Aided Fashion Designing (Practical)

## Objectives:

To develop portfolio for different type of audiences through Computer Aided Designing.

Practical: $2 \times 4$ Pds/ Week
Time : $\mathbf{3} \mathbf{~ H r s}$

Total Marks: 100
Practical : 75
Internal Assessment: 25

## Instructions to the Examiner:

Examiner to set one theme and students to make one mood board and one design sheet.

## Instructions to the Faculty:

The art portfolio is an expression of a graduating student's creativity, design/ ability, technical expertise, illustration and presentation skills. It should exhibit the student's inclination towardsthe particular segment of the industry by identifying the target customers, design requirements and pricing.

Uniform Format: It is important to keep all the sheets of the same size to maintain visualcontinuity. Sheets should be grouped separately and systematically either horizontally or vertically. This ensures uniformity of presentation. The presentation of the portfolio depends on the contents and also on layouts. The end result should look very neat and professional.

## Project

Create a portfolio, incorporate all the skills of textiles and fashion details through Computer Aided Designing.

## The Portfolio must include:

$>$ Curriculum Vita
$>$ Page of Contents
$>$ Theme of the project
> Mood board, Story Board, Ideation Board, Swatch Board
$>$ Design for men, women and children
> Pattern Layout

## Book Recommended

1. Software Manuals

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## COURSE OUTCOMES:

CO 1:Illustrate the basic small designs as motifs.
CO2:Construct the garments for children's using Suitable Croquie.
CO3:Student will learn design the women's garment with suitabletexture
CO4:Students will be able to learn different software's for designing.
CO5: Students will be able to develop and conceptualize their designs and creations.

## M.Sc. Fashion Designing \& Merchandising (Semester-III)

## Paper-IV

## Surface Ornamentation (Practical)

## Objective:

To acquaint the students with various ornamentation techniques on the fabrics.
Practical: $2 \times 2$ Pds/ Week
Time for Paper: 4 Hrs

Total Marks: 50
Practical: 37
Internal Assessment: 13

## Instructions to the Examiner:

The examiner will set two questions, one from each section.
Instructions to the Faculty:
Students to learn the techniques and prepare samples of the following:

## Unit -I

> Block printing
$>$ Screen printing.
$>$ Stencil printing
$>$ Tie \& Dye
$>$ Fabric painting

## Unit -II

$>$ Gold \& Silver embroidery
$>$ Mirror work
$>$ Sequin work
$>$ Patch work
> Appliqué work
> Quilting
Macramé
$>$ Crochet.
Note: Students to incorporate the above in their Apparels.

## Books Recommended:

1. Indian Embroidery - SavitriPandit.
2. Bhatnagar, Parul - Traditional Indian Textiles.
3. Irwin and Hall Indian Embroideries, Published by S.R. Bastikar, P.B. 28, Ahmedabad.

## COURSE OUTCOMES:

CO 1: Students will be able to develop creative garments for home textiles, interior and other sectors of society.
CO 2 : Students will be able to develop creative and sustainable fabrics.
CO3: Students will be able to do exploration in terms of designing of different textile material and techniques.

## M.Sc. Fashion Designing \& Merchandising (Semester-III)

Paper-V<br>Global Costumes (Theory)

Theory: 4 Pds/ Week
Total Marks: 100
Time : 3 Hrs
Ext.:60
Project:15
Internal Assessment: 25
Note: Medium of Examination in English Language.
Objectives:
$>$ To acquaint the students with the history and evolution of world costumes.

Instructions to the Examiner:
$>$ Question paper will have five sections.
$>$ There will be section-A compulsory for objective type questions. Fifteen questions are to be set in section-A covering the whole syllabus. Students have to attempt any 12 questions, carrying equal 1marks.
$>$ Examiner will set 8 questions of 12 marks Comprising two questions from each section, in section-B, C, D \&E. Students are required to attempt one question from each section. Questions can have subparts.

Unit - I

- Babylonian Costumes
- Persian Costumes
- Renaissance Costumes


## Unit -II

- Egyptian Costumes
- Greek period

> Unit -III

- Roman Period
- Byzantine Period

> Unit -IV

- Victorian Period
- French Revolution
- $20^{\text {th }}$ century fashions

Project :( Int: 15)
Students to prepare power point presentation/ seminar / poster presentation or window display on any one of the above.

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## Books Recommended:

## Essential Reading:

1. Bradley, Carolyn G., Western World Costume, 1955, British Commonwealth.

## Further Reading:

2. The Victoria and Albert Museum's Textile Collection British Textiles from 1850 to 1900 by Linda Parey V and A Publications.
3. The Complete Costumes History (Tashon) AugusteRachinet (1825-1893)

## COURSE OUTCOMES:

CO1:Student will be able to develop fashion Garments inspired by different eras CO2:They enable their ideas of different styles globally CO3:Student will be able to make new ideas for their illustration as well as product development.

## M.Sc. Fashion Designing \& Merchandising (Semester-III)

Paper-VI<br>Indian Traditional Textiles (Practical)<br>Seminar

Practical: 3 Pds/ Week
Total Marks: 25
Time for Paper: $\mathbf{3} \mathbf{~ H r s}$
Int: 19
Internal Assessment: 06

## Objectives:

$>$ To acquaint the students with the traditional textiles of India.

## Instruction to faculty:-

To give an overview of traditional fabrics of different states of India with emphasis on texture design and color.
$>$ Kashmir - Shawls
$>$ Punjab-Phulkari, Bagh.
> Bengal - Baluchari and Jamdani.
$>$ Uttar Pradesh - Brocades,Tanchoi
$>$ Bihar_Mabhubani
$>$ Gujrat - Patolas
> Rajasthan - Bandhani,Kotadoria
$>$ Andhra Pradesh - Pochampali, kalamkari .
$>$ Orissa-Ikat
$>$ Karantaka - Kasuti,Iikal
$>$ Himachal Pradesh - ChambaRumal
> Manipur - Embroidery
$>$ Madhya Pradesh - ChanderiSaree, Maheshwarisaree.
> Maharashtra - Paithani
> Tamil Nadu - Kanchipuram
Students to present seminar/powerpoint presentation/ or seminar on any one of the above.

## COURSE OUTCOMES:

CO1:Classify the regional embroideries of India and identify a specific embroidery style of India on the basis of colors, motifs, layouts.
CO2:Identify the influencing factors for development and evolution of a specific embroidered textile.
CO3:The evolution of embroidered textiles over a period time

## M.Sc. Fashion Designing \& Merchandising (Semester-III)

## Paper-VII <br> RESEARCH METHODOLOGY

Time: 3 Hrs
No. of periods: 6 per week

Total Marks: 50
Theory: 37
Internal Assessment: 13

Note: Medium of Examination in English Language.
Instructions for the Paper Setters:

1. There will be five sections.
2. Section A Carries 9 marks and is compulsory consisting of eight short answer type questions of $\mathbf{1 . 5}$ marks each covering the whole syllabus. The candidate will have to attempt six questions in section $A$.
3. Sections B, C, D and $E$ will be set from unit I, II, III, \&IV respectively and will consist of two questions of 7 marks each from the respective unit. The candidates are required to attempt one question from each of these sections.

Objective: To introduce the importance of research
To prepare the students for research projects
To devise a research project
UNIT-I
$\square \square \square$ Meaning, objectives and Types of Research $\square$
2. First phase of Research process: Formulating the research problem and Development of hypothesis.
3. Review of Literature

UNIT -II
4. Preparing the $\square$ Research Design: Exploratory, Descriptive, Diagnosis, Experimentation. 5. Sampling Design: Deliberate Sampling, Simple Random Sampling, Stratified Sampling, Cluster Sampling.
6. Collection of data

## UNIT -III

7. $\square$ measurements and $\square$ Scaling Techniques- Nominal, Ordinal, Interval and Ratio.
8. Processing and analysis of data: Coding and tabulation.

UNIT -IV
9. Introduction of measures of central Tendency: Mean, Median and mode, Percentage, Chi-square, z-test, t-test.
10. To Plan a layout of research project.

## Suggested Readings:

1. Cooper, D. R. and Schindler, P.S., "Business Research Methods", 9th Edition, Tata McGraw Hill, New Delhi.
2. Levine, D.M., Krehbiel T.C. and Berenson M.L., "Business Statistics", 12th Edition (2012), Pearson Education, New Delhi.
3. Kothari, C. R., "Research Methodology", 2nd Edition (2008), New Age International.
4. Anderson, D.R.; Sweeney, D.J. and Williams, T.A., "Statistics for Business and Economics", 2nd Edition (2011), Thompson, New D

## COURSE OUTCOMES:

CO1:Students will be able to conduct comprehensive research to solve different problems of society.
CO 2 :Students will know the primary characteristics of quantitative research and qualitative research.
CO3:Students will be familiar with the steps involved in identifying and selecting a good theme to use in a study or to develop line in fashion.
M.Sc. Fashion Designing \& Merchandising (Semester System)

Semester-IV
Scheme of Studies \& Examination

| Paper | Subject | Theory | Practical | No. of <br> Periods <br> Per <br> Week | Duration <br> of exam. | Total <br> Marks | Internal <br> Assessment | Total <br> marks |
| :---: | :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I | Portfolio <br> Development | - | Pr | $2 \times 4$ | 3 Hrs. | 56 | 19 | 75 |
| II | Product <br> Development <br> Workshop | - | Pr | $2 \times 5$ | 5 Hrs. | 112 | $(56+56)$ | 38 |
| III | Fashion <br> Merchandising <br> and Retailing | Th | - | 4 | 3 Hrs. | 75 | 25 | 100 |
| IV | Textile <br> Chemistry | - | Pr | $2 \times 2$ | 3 Hrs. | 37 | 13 | 50 |
| V | Communication <br> Skills in <br> English | Th | Pr | 6 | 3 Hrs. | 62 | 13 | 75 |
| VI | Project <br> Report/Design <br> Project | - | - | 3 | 3 Hrs. | 75 | 25 | 100 |

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## M.Sc. Fashion Designing \& Merchandising (Semester-IV)

# Paper-I <br> Portfolio Development (Practical) 

Practical: 24Pds/ Week
Total Marks: 75
Time: 3 Hrs
Practical : 56
Internal Assessment:19
Objective:
To develop portfolios for different types of audiences.

## Instructions to the Examiner:

The examiner will set one theme based question. Emphasis should be given to the theme, design features and presentation.

## Instructions to the Faculty:

The art portfolio is an expression of a graduating students creativity, design/ ability, technical expertise, illustration and presentation skills. It should exhibit the students inclination towards the 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.

Uniform Format: It is important to keep all the sheets of the same size to maintain visualcontinuity. Sheets should be grouped separately and systematically either horizontally or vertically. This ensures uniformity of presentation. The presentation of the portfolio depends on the contents and also on layouts. The end result should look very neat and professional.

## The Portfolio must include:

$>$ Curriculum Vita
$>$ Page of Contents
$>$ Theme of the project
$>$ Mood board, Story Board, Ideation Board, Color Palette and Fabric Chart.
$>$ Thumbnails.
$>$ There should be inclusion of designs for Male/ Female/ Kids.
$>$ Flat working drawings, specification sheets showing technical strength are vitally important. Line planning, Fabric Indications, Fabric Consumption detailed measurement charts etc are all essential. These are to be used in conjunction with croquies.
$>$ The Collection is to be based on innovative fabric combinations, surface texture and ornamentation. It is very important that the designs and embroidery motifs be original.

## Books Recommended:

## Essential Reading:

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.

## Further Reading:

3. Allen and Seaman, Fashion Drawing - the Basic Principles, 1994, B.T. Batsford, London.
4. Seaman, Julian, Professional Fashion Illustration, 1995, B.T. Batsford, London.
5. Drake and Nicholas, "Fashion Illustrations", 1995, Thames and Husdon, London.
6. AblingBina, Fashion Sketch Book, 2006, by Fairchild publication.
7. Vogue Sketch Catalogue.

## COURSE OUTCOMES:

CO1:Students will be able to prepare their portfolio in digital as well as other modes of presentation.
CO 2 :Students work will be best showcased and will able to discuss and explain their work professionally
CO3:To prepare students for the world of fashion, where they can grab job opportunities by showcasing and explaining their talent through portfolio

## M.Sc. Fashion Designing \& Merchandising (Semester-IV)

## Paper-II

## Product Development- Workshop - (Practical)

Practical: 2x5 Pds/ Week
Total Marks: 150
Time: 5 Hrs
Ext.: 56
Workshop (Int :56)
Internal Assessment:38

## Objective:

To enable the students to apply the knowledge of design process in making a collection.

## PRODUCT DEVELOPMENT (Ext:56)

## Instructions to the Examiner:

The Examiner will set one theme based question for construction. The emphasis should be given to design features, pattern development, placements on the fabric and finishing of the garments.

## WORKSHOP (Int :56)

## Instructions to the Faculty:

Students to design a line taking inspiration from a theme and construct three garments with at least three accessories for Kid's / Male/ Female.

The jury comprising of teaching faculty will mark the three Garments attempted by the students out of 56 marks. The marks will be as follows:

## Design Development

10 Marks

- Research
- Finalization of Theme
- Sourcing
- Finalization of designs
> Measurements and specification sheets.
Pattern Development
10 Marks
$>$ Development of basic blocks
$>$ Pattern making and layout
Product Development
12 Marks
> Construction on actual fabric
Photo Shoot
12 Marks


## Books Recommended:

## Essential Reading:

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 ( $5^{\text {th }}$ 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 Illustartion", 1994, Thames and Hudson London.

## Further Reading

10. Bernard Zamkoff, Basic Pattern Skills for Fashion Design 1997, Fairchild Publication,
11. Ernestine Koff, Design Apparel through Flat Pattern, 2006, Cole Publishing Co.
12. Martin Shoben, Pattern Cutting \& Making Up, 1987, Butterworth, Heimeneman.
13. Hilde Jaffe, Draping for Fashion Design, 2007, Claudia Barbara.
14. Ireland, Patrick John, Fashion Design Drawing and Presentation 1996," B.T. Batsford, London.
15. ElisabettaDrudi, T.Paci, "Figure Drawing for Fashion", 2002, The Pepin Press.
16. BinaAbling, Fashion Illustration, 2008, Fairchild Publication.
17. BinaAbling, Fashion Rendering with Color, , 200, Fairchild Publication.
18. Thames \&Husdon, Vogue Sketch Catalogue, 1911, Si New House.

## COURSE OUTCOMES:

CO1: Predict the trend and design of garment.
CO2: Develop the basic theme board, mood board, color board.
CO3: Collect the customer profile and fabric sourcing
CO4: Illustrate the garment design with backdrops. Prepare the spec sheet, construct the pattern and garment

# M.Sc. Fashion Designing \& Merchandising (Semester-IV) 

Paper-III<br>Fashion Merchandising and Retailing (Theory)

Theory: 4 Pds/ Week
Total Marks: 100
Time: 3 Hrs
Theory : 75
Internal Assessment: 25
Note: Medium of Examination in English Language.
Objectives:
To help students comprehend the jobs of a merchandiser, buyer, store manager, Visual
Merchandiser
Instructions to the examiner:
$>$ Question paper will have five sections.
$>$ There will be section-A compulsory for objective type questions. Eighteen questions are to be set in section-A covering the whole syllabus. Students have to attempt any 15 questions, carrying equal 1marks.
$>$ Examiner will set 8 questions of 15 marks Comprising two questions from each section, in section-B, C, D \&E. Students are required to attempt one question from each section. Questions can have subparts.

UNIT -I
$>$ Retail Organisational structure store; Buying, Selling, Line and Staff function, Retailingformats, Role and Responsibility of Retail Fashion Buyer.
$>$ Customer identification, Customer, Planning and role of Buyer.

> UNIT - II
$>$ Retail store chains - National (Ebony, Fab India, Ritu Wears, Shoppers Stop) andInternational (Tommy Hilfiger, Espirit)
$>$ Store Operations. Store merchandise, stores management, Fashion supply changes store retailing, non store retailing.
> Speciality Stores: Single line stores, Single Brand Stores and Multiple Line Stores
$>$ Departmental Stores
> Mass merchants: Discounters, Off Price Retailing, Outlet Stores

> UNIT - III

Retail Fashion Promotion
> Marketing Channels
$>$ Planning and Direction'
$>$ Retail Advertising
$>$ Publilicity
> Special Events
> Visual merchandise
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$>$ Personal Selling
> Relationship Marketing

> UNIT - IV

## Brands and labels

Purchase Term: Discount, Purchase Order, Payment Terms. Costing: Cost Price, Selling Price, Backward costing.

## Books Recommended: <br> Essential Reading:

1. John Donnellan, Merchandise Buying \& Management, 2001, Farechild Books.
2. Kitty G. Dickerson, Inside The Fashion Business, $7^{\text {th }}$ Edition, 2003 Prentice Hall
3. Elaine Stone, The Dynamics of Fashion, 2004, Fairchild.
4. Jay Diamond; Ellon Diamond, The World of Fashion, 2007, Fairchild.
5. John Donnellan, Merchandise Buying \&Managemnet, 2001, Farechild Books.
6. Kitty G. Dickerson, Inside the Fashion Business, $7^{\text {th }}$ Edition, 2003, Prentice Hall.
7. Elain Stone, The Dynamics of Fashion , 2004, Fairchild.
8. Jay Diamond; Ellon Diamond, The World of Fashion, 2007, Fairchild.

## Further Reading:

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 Managemnet : Buying and Merchandising, 2005, Routledge.
12. John Giacobello, Careers in fashion Industry, 2000, Rosel Pub. Group.
13. Gini Stephens Frings, Fashion from Concepts to Consumer, 1982, Prentice Hall.
14. Tony Hines, Fashion Marketing, 2006, Butter Worth- Heinemann.
15. Rosemary Varley, Retail Product Management: Buying and Merchandising 2005, Routledge.
16. John Giacobello, Careers in Fashion Industry, rosel Pub. Group, 2000.

## COURSE OUTCOMES:

CO1:To help students comprehend the jobs of merchandiser, buyer, store manager. CO2:Students will be able to know about different kinds of marketing and merchandising technique
CO3:Students will be able to understand various selling concept.
CO4:Students will develop knowledge about various national and international stores.
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# M.Sc. Fashion Designing \& Merchandising (Semester-IV) <br> Paper-IV <br> Textile Chemistry (Practical) 

Practical: 2x2 Pds/ Week
Time for Paper: $\mathbf{3} \mathbf{H r s}$
Total Marks: 50
Practical: 37
Internal Assessment:13

## Objectives:

To enable the students to understand the chemical structure of textile fibers and the effect of various chemicals on them.

## Instructions to the Examiner:

The examiner will set one question from each section.

UNIT - I
Fibre Identification of cotton, wool, Silk, Jute, Nylon, Polyester using the following.

- Burning
- Microscopic
- Solubility
UNIT - II

Fabric identification on the basis of fabric construction

- Woven
- Non- Woven
- Knitted
- Fabric analysis on the basis of the thread count using at least three different types of plain weave fabrics.
Collection and identification of yarns
- Simple
- Novelty
- Textured


## Collection and identification of fabric Construction techniques

- Woven
- Non- Woven
- Knitted


## UNIT - III

## Dyeing of Fabric

- Cotton with natural dyes and direct dyes.
- Wool with acid dyes.
- Silk with basic dyes.
* Note: Students to visit knitting industry/ textile dyeing/ textile testing unit.


## Books Recommended:

## Essential Reading:

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.

## Further Reading:

3. Isabel, B. Wingate Textile Fabrics and their Selection, (1976) Prentice- Hall Inc., Engle Wood Cliffs, N.J.
4. Katarine Paddock, Textile Fibres and their Use-Sixth edition, (1954) -Oxford \& IBH Publishing Co.,Calcutta, Bombay, New Delhi.
5. Dorothy Siegert Lyle, Modern Textiles - (1971) Jonh Wiley and Sons Inc., New York, London, Sydney, Toronto.
6. KanwarVarinder Pal Singh, Introduction to Textile, Kalyani Publisher.

## COURSE OUTCOMES:

CO1: To enable students to understand the chemical structure of textile fibres and the effect of various chemical on them.
CO : Students can explore different fabrics to explore different designs with dyeing techniques.
CO3: They learn about fabric analysis on the basis of thread count.
CO4: They will be able to understand the identification of fabrics ( woven, non-woven \& knitted)

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# 2021-22 <br> SEMESTER-IV <br> Paper -V COMMUNICATION SKILLS IN ENGLISH <br> M.Sc Fashion Designing \& Merchandising 

Time: 3 Hours
Max. Marks: 75
Theory Marks: 37
Practical: 25
Internal Assessment : 13

## Suggested Pattern of Question Paper:

## The examiner to follow guidelines given below

1. Introduction video communication and video conferencing. Application of video conferencing in business Management and Marketing.(One question will be set with internal choice)

8 Marks
2. Report - Writing with internal Choice

6 Marks
3. E-mail or Fax

4 Marks
4. Advertisement or Notice

4 Marks
5. a). Resume - Writing 6 Marks
b). Job Application

5 Marks
6. Paragraph Writing 4 Marks

## Unit- I

Introduction to Video Communication and Video Conferencing. Application of Video Conferencing in business management and marketing.

## Unit-II

Report Writing: Technical report - style, arrangements, Illustration, main section and appendices, conclusion, list references, table of contents, synopsis, revision.

Unit- III

Modern Forms of Communication: E-mails, fax, Advertisements, tender Notices, auction notices, public notices.
Unit -IV

Resume - Writing and job applications
Unit -V

Paragraph Writing

## Instructions to the Examiner for Practical/ Oral Exam:

Oral presentation with / without audio visual aids on a topic already prepared by the examinee.
Written Presentation / Preparation
5 Marks.
Extempore
5 Marks

Topic will be given five minutes before the speech. Topic will be related to Fashion Designing
Group Discussion
5 Marks

## For Practical:

Speaking Skills: Components of an effective talk/ Presentation, Planning and organizing content for a talk/ Presentation, use of Visual aids, effective speaking skills, discussion skills, Personality Development Teamwork, Group Discussion, Public speaking, Interview skills, telephone etiquettes, Attitude Interpersonal skills, Body language.

## Recommended Books

$>$ John Silly: Oxford Guide to Effective Writing and Speaking OUP.
$>$ M. Raman, Technical Communication OUP
$>$ Geetha Nagaraj - A Course in Grammar and Composition, Foundation Books, 2006
$>$ V. Sasi Kumar - A Course in Listening and Speaking
$>$ Video Communication by James R. Wilcox and David k. Gibson - CMP Books, CMP Media. Inc 600 Harrison, San Francisco CA 94107USA E Book
$>$ E- Book Video Conferencing Hardware and Software Market IGI Consulting, Inc. 214, Harvad Avenue Bostor MA 02134 USA.

## M.Sc. Fashion Designing \& Merchandising (Semester-IV) <br> Paper-VI <br> Project Report/Design project

Practical : 3pds/week
Total Marks: 100
Time : 3Hrs.
Int.: 75
Internal Assessment:25

It is mandatory for students to prepare project report/design project highlighting original work. While preparing the report emphaisis should be on the research componenet covering the following componenets-

1. Introduction
2. Review of literature
3. Methodology
4. Result and discussions
5. Conclusions

* Students to make PowerPoint presentation of work done in the project and the project report is to be submitted. External examiner shall evaluate the project report and conduct viva.

1. The principal of the college shall forward two copies of DVD (digital versatile disk) containing all project files of all the students to the university till $30^{\text {th }}$ march which will be forwarded to the board constituted for the purpose of evaluation. File name to be saved as university roll number of the student in .pdf form.
2. At the time of vice-voce a hard copy of project report of each student shall be presented to the boards of examiners to assist the board in vice-voce examination as well as physical visualization of result/samples etc.
3. The board of examiners may conduct the vice-voce either exclusively orally or though presentation followed by vice-voce.

## COURSE OUTCOMES:

CO1:It offers students the opportunity to take an exciting and fascinating look into something one is passionate about. This helps to make the writing process easier and smoother.
CO2:It enables students to develop crucial skills
CO3:It helps to boost employment
C04:It helps the students to develop organization, time- management and planning skills C05:It enables students to have ability to undertake research, critical thinking and excellent communication Skill

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# FACULTY OF SCIENCES SYLLABUS FOR 

Bachelor of Vocation (B.Voc.) (TEXTILE DESIGN \& APPAREL TECHNOLOGY)

(SEMESTER: I-VI)

## Examinations: 2021-22

## KHALSA COLLEGE AMRITSAR (An Autonomous College)

Note: (i) Copy rights are reserved.
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Defaulters will be prosecuted.
(ii) Subject to change in the syllabi at any time.

Please visit the Khalsa College website time to time.

# Bachelor of Vocation in (B.Voc.) <br> (Textile Design \& Apparel Technology) (Semester System) 

## SEMESTER-I

| Course <br> Code | Course Title | Theory | Practical | Internal <br> Assessment | Total <br> Marks |
| :---: | :--- | :---: | :---: | :---: | :---: |
| BCSV- <br> 1129 | Communication Skills in <br> English-I | 25 | 12 | 13 | 50 |
|  | Punjabi (Compulsory) OR <br> *Basic Punjabi OR <br> **Punjab History \& Culture | 37 | - | 13 | 50 |
|  | ***Drug Abuse: Problem, <br> Management and Prevention <br> (Compulsory) | - | - | - | 50 |
| CS- <br> BVTD111 | Computer Application-I | 25 | 12 | 13 | 50 |
| BVTD <br> 11105 | Sewing Techniques | - | 37 | 13 | 50 |
| BVTD <br> 11106 | Design Foundation \& Basics <br> of Textiles-I | 37 | 37 | 26 | 100 |
| BVTD <br> 11107 | Introduction to <br> Entrepreneurship | 75 | - | 25 | 100 |
|  | TOTAL |  |  |  |  |

Note:

1. *Special Paper in lieu of Punjabi Compulsory.
2. **For those students who are not domicile of Punjab
3. ${ }^{* * *}$ This paper marks will not be included in the total marks.

Syllabus 2021-2022/P.G Department of Fashion Designing
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## SEMESTER-II

| Paper | Paper Title | Theory | Practical | $\begin{gathered} \text { Internal } \\ \text { Assessment } \end{gathered}$ | Total Marks |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{gathered} \text { BCSV- } \\ 1229 \end{gathered}$ | Communication Skills in English-I | 25 | 12 | 13 | 50 |
|  | Punjabi (Compulsory) OR <br> *Basic Punjabi OR <br> **Punjab History \& Culture | 37 | - | 13 | 50 |
|  | ***Drug Abuse: Problem, Management and Prevention (Compulsory) | - | - | - | 50 |
| CS- <br> BVTD121 | Computer Application -II | - | 37 | 13 | 50 |
| $\begin{aligned} & \hline \text { BVTD } \\ & 12105 \\ & \hline \end{aligned}$ | Garment Sewing | - | 75 | 25 | 100 |
| $\begin{aligned} & \text { BVTD } \\ & 12106 \end{aligned}$ | Introduction to Fashion | 37 | - | 13 | 50 |
| $\begin{aligned} & \text { BVTD } \\ & 12107 \\ & \hline \end{aligned}$ | Enterprise Planning | 37 | - | 13 | 50 |
| $\begin{gathered} \hline \text { BVTD } \\ 12108 \end{gathered}$ | Design Foundation \& Basics of Textile-II | - | 37 | 13 | 50 |
|  |  |  |  | TOTAL | 400 |

Note:

1. *Special Paper in lieu of Punjabi Compulsory.
2. **For those students who are not domicile of Punjab
3. ${ }^{* * *}$ This paper marks will not be included in the total marks.

Session-2021-22
Bachelor of Vocation (B.Voc.)
(Software Development, Theatre and Stage Craft, Food Processing, Textile Design \&
Apparel Technology)
Semester - I
PAPER - BVGC 101: COMMUNICATION SKILLS IN ENGLISH-I

Time: 3 Hours
Max. Marks: 50
Theory Marks: 25
Practical Marks: 12
Assessment: 13

## Instructions for the Paper Setters:-

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). 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.
(5X5 $=25$ Marks)

The syllabus is divided in four sections as mentioned below:

## Section-A

Reading Skills: Reading Tactics and strategies; Reading purposes-kinds of purposes and associated comprehension.

## Section-B

Reading for understanding concepts, details, coherence.
Activities:
$\square$ Short comprehension questions based on content and development of ideas
Section-C
Writing Skills: Writing styles for application, personal letter, official/ business letter.

## Activities:

Formatting personal and business letters.
Section-D
Resume, memo and notices; outline and revision.

## Activities:

$\square$ Converting a biographical note into a sequenced resume or vice-versa
$\square$ Writing notices for circulation/boards
Recommended Books:
$\square$ Oxford Guide to Effective Writing and Speaking by John Seely.
$\square$ English Grammar in Use (Fourth Edition) by Raymond Murphy, CUP

Session-2021-22
Bachelor of Vocation (B.Voc.)
(Software Development, Theatre and Stage Craft, Food Processing, Textile Design \& Apparel Technology)

$$
\begin{gathered}
\text { Semester - I } \\
\text { PAPER - BVGC 101: COMMUNICATION SKILLS IN ENGLISH-I }
\end{gathered}
$$

## Practical Marks: 12

Course Contents:-

1. Assignment on selected topics in about 700-1000 words.
2. Comprehension passage

## Questions:-

1. Handwritten Assignment should be submitted to the concerned teachers in a stick file.
2. Short comprehension questions based on unseen passage.

Note: Oral test will be conducted by external examiner with the help of internal examiner.
B.Sc. (Hons. - Physics, Chemistry, Mathematics),
B.Sc. Bio-Tech./IT/Fashion Designing/Food Sc./BCA, BA-JMC/ B.Sc. in Computational Statistics and Data Analytics, B.Voc.(Software Development,

Theatre and Stage Craft, Food Processing, Textile Design \& Apparel Technology)

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SEMESTER-I
लक्क्नभी थंक्षपी
मभां : 3 ひँटे
पिढ्ठिग भீव
\[
\begin{gathered}
\text { यण्ठ-वूम } \\
\text { बाग-यरिला }
\end{gathered}
\]

मगणिड से गंठा (वगा यठिता-वहिडा भने वग्टी)

(लेषर सा तीटत भडे नछता/मान/टिमा-दमड्ण)

वाग-ट्रत्ता
टिडिगमिव जग्टां -

(किप्षप iें 6 उर मान/ हिम्ना-टमड्छ/मिली)
कागा-डीता
(B) थैवुग उतरा (डितां दिजें टिर)

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काग-चैप्रा

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``` Вिय-काम्नाट्टां से यहाह-fितु
(भ) थंताप्दी का'्ना - हिर'म डे हिरग्म
```

भंर-हंइ भ्डे यूसिभिर लट्टी ग्टाट्टिउां

1. मिलेषम से चन कावा गठ यठ यूमूर-यॅउठ से थंत काता Јॅटगो।


 05 यूमतां से छुउठ रेटा कान्तभी गैदेगा।
 मरहा जै।
亏ँ दँधगी चॅदेगी। टिम थेयठ से बूल भर्भंख $37+13=50$ गठ।

## B.Sc. (Hons. - Physics, Chemistry, Mathematics),

B.Sc. Bio-Tech./IT/Fashion Designing/Food Sc./BCA, BA-JMC/ B.Sc. in

Computational Statistics and Data Analytics, B.Voc. (Software Development,
Theatre and Stage Craft, Food Processing, Textile Design \& Apparel Technology)

> SEMESTER-I
> भुष्छली थंत्ष'प्री
(In Lieu of Compulsory Punjabi)
मभां : 3 யंटे
दिछिटी भंब : 37 हिंटठठल $\boldsymbol{भ}$ मैमसेंट : 13 ప్लॅल म⿵ंव: 50

> याठ-वूभ
> कग्वा-यविल्गा

थंत्ताप्वी काम्ना डे गुठभुधी लियी :


(भ) मिषल्ला्टी डे भवक्भिग्म


कागा-डीत्र
थंजाप्वी मृघ्वस-तेंड

 टाल्ले मूघ्वर, लवाभठ (घिंटी, टियी, भॅपर) टाल्ले म्नघ्वर

काग-चौघ
सुपप-भाऩूप मघृर
भंर-दृइ भड्डे यूीचिभर लटी ग्टाटिउां

गठ यूम्तर से छग-चान भंब गत। $\quad(3 \times 4)=12$ भंव

 भंव गर।
( $2 \times 5$ ) $=10$ भiव

 ऊँ दॅधगी गैदेगी। टिम थेयठ से वुल भर्भ $37+13=50$ गर।

# KHALSA COLLEGE AMRITSAR <br> (An Autonomous College) <br> Bachelor of Vocation (B.Voc.)Software Development, Theatre and Stage Craft, Food Processing, Textile Design \& Apparel Technology), B. A., B.A. (SS), B. A. (Hons. - English), B. Com. (Hons., R, Ac. \& Finance), B. Sc. Agri./Bio-Tech./Comp. Sc./Eco./FD/Food Sc./IT/Med./NMed., B.Sc. (Hons. - <br> Agri./Botany, Chemistry, Mathematics, Physics, Zoology)/ B. of Mult., B. in Int. \& Mob. Tech./BBA/BCA/BJMC/BPT-SEMESTER-I <br> PUNJAB HISTORY \& CULTURE (From Earliest Times to C 320) <br> (Special Paper in lieu of Punjabi compulsory) <br> (For those students who are not domicile of Punjab) <br> P-BVTD102 

Time: 3 Hours
Total. Marks: 50
Theory: 37
Internal Assessment: 13

Instructions for the Paper Setter:
The question paper consists of five units: I, II, III, IV and V. Units I, II, III andIV will have two questions each. Each question carries 8 marks. The studentsare to attempt one question from each unit approximately in 800 words. Unit-Vconsists of 7 short answer type questions to be set from the entire syllabus.Students are to attempt any 5 questions in about 20 words each. Each question carries 1 mark.

Note: The examiner is to set the question paper in two languages: English \&Hindi.
Unit-I

1. Physical features of the Punjab and impact on history.
2. Sources of the ancient history of Punjab.

Unit-II
3. Harappan Civilization: Town planning; social, economic and religiouslife of the Indus Valley People.
4. The Indo-Aryans: Original home and settlement in Punjab.

Unit-III
5. Social, Religious and Economic life during Rig Vedic Age.
6. Social, Religious and Economic life during later Vedic Age.

Unit-IV
7. Teachings and impact of Buddhism.
8. Jainism in the Punjab.

## Suggested Readings:-

1. L. Joshi (ed), History and Culture of the Punjab, Art-I, Patiala, 1989 (3 ${ }^{\text {rd }}$ edition)
2. L.M. Joshi and Fauja Singh (ed), History of Punjab, Vol.I, Patiala 1977.
3. BudhaParkash, Glimpses of Ancient Punjab, Patiala, 1983.
4. B.N. Sharma, Life in Northern India, Delhi. 196

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# SEMESTER-I <br> DA1- Drug Abuse: Problem, Management and Prevention <br> PROBLEM OF DRUG ABUSE <br> (Compulsory for all Under Graduate Classes) <br> P-BVTD103 

Time: 3 Hours
Max. Marks50

## Instructions for the Paper Setters:

Section-A: ( 15 Marks): It will consist of five short answer type questions. Candidates will be required to attempt three questions, each question carrying 05 marks. Answer to any of the questions should not exceed two pages.
Section-B: ( 20 Marks) It will consist of four essay type questions. Candidates will be required to attempt two questions, each question carrying 10 marks. Answer to any of the questions should not exceed four pages.
Section-C: ( 15 Marks) It will consist of two questions. Candidate will be required to attempt one question only. Answer to the question should not exceed 5 pages.

## UNIT-I

- Meaning of Drug Abuse

Meaning, Nature and Extent of Drug Abuse in India and Punjab.
UNIT-II

- Consequences of Drug Abuse for:

Individual : Education, Employment, Income.
Family : Violence.
Society : Crime.
Nation : Law and Order problem.

## UNIT-III

- Management of Drug Abuse

Medical Management: Medication for treatment and to reduce withdrawal effects.

## UNIT-IV

- Psychiatric Management: Counseling, Behavioral and Cognitive therapy.
- Social Management: Family, Group therapy and Environmental Intervention.


## References:

1. Ahuja, Ram (2003), Social Problems in India, Rawat Publication, Jaipur.
2. Extent, Pattern and Trend of Drug Use in India, Ministry of Social Justice and Empowerment, Government of India, 2004.
3. Inciardi, J.A. 1981. The Drug Crime Connection. Beverly Hills: Sage Publications. 23
4. JasjitKaurRandhawa\&SamreetRandhawa, "Drug Abuse-Problem, Management \& Prevention", KLS, ISBN No. 978-81-936570-6-5, (2018).
5. JasjitKaurRandhawa\&SamreetRandhawa, "Drug Abuse Problem, Management \&

Prevention", KLS, ISBN No. 978-81-936570-8-9, (2019).
6. JasjitKaurRandhawa\&SamreetRandhawa, "voZrId[otos'A^(BPky'oh) ;wZf;nk, gqpzXB ns/

- 'eEkw", KLS, ISBN No. 978-81-936570-7-1, (2018).

7. JasjitKaurRandhawa, "Drug Abuse -Management \& Prevention", KLS, ISBN No. 978-93-81278-80-2, (2018).
8 .Kapoor. T. (1985) Drug epidemic among Indian Youth, New Delhi: Mittal Pub.
8. Modi, Ishwar and Modi, Shalini (1997) Drugs: Addiction and Prevention, Jaipur: Rawat Publication.
9. National Household Survey of Alcohol and Drug abuse. (2003) New Delhi, Clinical Epidemiological Unit, All India Institute of Medical Sciences, 2004.
10. Rama Gandotra\&JasjitKaurRandhawa, "voZrId[otos'A^(BPky'oh) gqpzXB ns/ - 'eEkw", KLS, ISBN No. 978-93-81278-87-1, (2018).
11. Sain, Bhim 1991, Drug Addiction Alcoholism, Smoking obscenity New Delhi: Mittal Publications.
12. Sandhu, Ranvinder Singh, 2009, Drug Addiction in Punjab: A Sociological Study. Amritsar: Guru Nanak Dev University.
13. Singh, Chandra Paul 2000. Alcohol and Dependence among Industrial Workers: Delhi:

Shipra. 15. Sussman, S and Ames, S.L. (2008). Drug Abuse: Concepts, Prevention and
Cessation,
Cambridge University Press.
Syllabus 2021-2022/P.G Department of Fashion Designing
16. World Drug Report 2010, United Nations office of Drug and Crime.
17. World Drug Report 2011, United Nations office of Drug and Crime.

# Bachelor of Vocational in (B.Voc ) <br> (Textile Design \& Apparel technology) Semester-I <br> Paper BVTD 104: Computer Application I 

Time: 3 Hours

Max. Marks: 50
Theory Marks: 25
Practical Marks: 12
Internal Assessment: 13

## Note: Medium of Examination in English Language.

## Instructions:

Section A: It will have question No. 1 consisting of 10 very short answer questions from the entire syllabus. Students will attempt 7 questions. Each question will carry 01 mark with answer to each question up to 05 lines in length. The total weight age being 07 marks.
Section B: It will consist of essay type/numerical questions up to five pages in length. Four questions numbering $2,3,4$ and 5 will be set by the examiner from Unit-I of the syllabus. The students will be required to attempt any two questions. Each question will carry 04 marks. The total weightage of this section shall be 09 marks.
Section C: It will consist of essay type/numerical questions up to five pages in length. Four questions numbering $6,7,8$ and 9 will be set by the examiner from Unit-II of the syllabus. The students will be required to attempt any two questions. Each question will carry 04 marks. The total weightage of this section shall be 09 marks.

## Unit -I

Introduction to Computer: Block diagram of computer, Evolution of Computer, Classification of Computers: Based on Generation, based on Size (Micro, Mini, Mainframe, Super, Notebook, Personal Computer, Workstation), Based on Data Processing Techniques (Analog, Digital and Hybrid Computers), Applicationsof computer, career in computer

Data processing: Data Capturing, data Storage, and data retrieval, processingmethodologies (Batch processing, onlineprocessing, Real-time processing), Data Processing Techniques (Analog, Digital and Hybrid Computers).

Concepts of data and information: Data and its types (Structured Data, Unstructured Data, Semi-structured Data), Difference between data and information, Evolution of Information Processing,

## Unit-II

Introduction to computer Hardware and Software: Hardware(Input devices:Keyboard,mouse,light pen, touch screen, Touch screens, Bar Code reader, Joystick, Source data automation, (MICR, OMR, OCR), Screen assisted data entry: portable / handheld terminals for data collection, vision input systems. Output Devices: Monitor Printers (Line, Character, and Page), plotters, and voice response units.Data Storage Devices and Media:
Primary storage (Storage addresses and capacity, types of memory), Secondary storage, Magnetic storage devices and Optical storage devicesneed of software, Software-System Software (Operating System, SystemUtilities, device drivers) ApplicationSoftware (General Purpose software, customized software)

Introduction to MS-Word: General Formatting, Editing, spell-grammar check, printing and saving, Mail merge

## Practical:

Introduction to MS Word General Formatting, Editing, Spell Grammar Check, Printing and saving, Mail Merge

## Recommended Books:

1. V.K. Jain: Fundamentals of Information Technology.
2. Norton, Peter: Introduction to Computers, McGraw Hill
3. Computer Fundamentals, P.K. Sinha

# Bachelor of Vocation in (B.Voc.) (Textile Design \& Apparel Technology) Semester-I Paper-BVTD 105: Sewing Techniques (Practical) 

Total Period 9 per Week<br>Time: 4 Hours

Max.Marks=50<br>Practical $=37$<br>Internal assessment $=13$

Note: Paper will be set on the spot by the examiner.

## OBJECTIVES:

To impart knowledge of sewing techniques.
To apply the knowledge for basic stitching.

## Course Contents:

> Introduction to different parts of sewing machine and their care and maintenance
> Basic hand sewing techniques.
> Seams and seam finishes, plain, run and fell, French, counter.
> Fullness - yoke with fullness, gathers, darts, pleats.
> Plackets- French placket, continuous, extended placket
> Pockets- patch, welt, in seam, kurta
> Sleeves- plain, puff, bishop, bell, cap, raglan, kimono and dolman.
> Collars - flat Peter Pan collar, shawl, mandarin, cape collar.

- Design any dress by using above fashion details (Kids)


## Books Recommended:

1. The Art of couture sewing by ZoyaNudelman.(3-10-2016),Bloomsbury Academic
2. The sewing Book, Alison Smith (March 30, 2009)
3. Sewing Techniques and Patterns, Marie - Naelle Bayard, Sterling (Feb, 2007)
4. Complete Guide to Sewing, Readers Bigest (Reader's Digest (11, Nov,2010)
5. The ultimate sewing book, Maggi McCormick Garden Collins \& Brown (Jan1, 2002)

## COURSE OUTCOMES:

> COS1: Explain about the various components of garment construction and its application.

- COS2: To gain knowledge in seams and seam finishes
> COS3: To enable the students a basic garment construction details.


# Bachelor of Vocation in (B.Voc.) <br> (Textile Design \& Apparel Technology) Semester-I <br> Paper-BVTD 106: Design Foundation \& Basics of Textiles-I (Theory) 

Total Period (Th 3+Pr 6) Per Week
Time: 3 Hours

Max. Marks: 100
Theory: 37
Practical: 37
Internal Assessment: 26

Note: Medium of Examination in English, Hindi, Punjabi language. Instructions for the Paper Setters: -
7. There will be five sections.
8. Section A Carries 9 marks and is compulsory consisting of eight short answer type questions of $\mathbf{1 . 5}$ marks each covering the whole syllabus. The candidate will have to attempt six questions in section $A$.
9. Sections B, C, D and E will be set from unit I, II, III, \&IV respectively and will consist of two questions of 7 marks each from the respective unit. The candidates are required to attempt one question from each of these sections.

## OBJECTIVES:

To help students to understand elements and principles of design, types of fibres, yarns their properties and classification and types of fabric.

## Course Contents:

## UNIT -I

- Different art media and its applications
- Design and its types.

UNIT -II

- Principles of design (harmony, balance, proportion, rhythm, emphasis)
- Elements of design (colour, line, shape and space, light, pattern, texture)


## UNIT -III

- Fibre and its classification, properties and characteristics.
- Yarn and its classification and properties


## UNIT -IV

- Types of fabric construction.
- Weaving, Netting, Felting \& Bonding.


## 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) Jonh Wiley and Sons Inc., New

York, London, Sydney, Toronto. Published-1983
4. Be an Artist in 10 Steps, Ian Sidaway, Patricia Seligman, 15March 2009.

## COURSE OUTCOMES:

COS1: Develop an understanding about fashion, fashion terminologies and fashion forecasting.
COS2: To learn about factors affecting fashion.
COS3: To enable the students about roll of social and psychological aspects

## Bachelor of Vocation in (B.Voc.) <br> (Textile Design \& Apparel Technology) Semester-1 Paper-BVTD 106: Design Foundation \& Basics of Textiles-I (Practical)

## Total Period: - 6

Total Marks: 37
Note: Paper will be set on the spot by the examiner.

## Course Contents:

- Colour wheel
- Colour schemes (Monochromatic, Achromatic, Polychromatic, Analogous, Complementary, Tint \& Shades, Triadic.
- Grey Scale
- Collection of different yarns
- Microscopic and burning test (Cotton, Silk, Wool, Jute, Nylon, Polyster)


## COURSE OUTCOMES:

COS1: Develop an understanding about fashion, fashion terminologies and fashion forecasting. COS2: To learn about factors affecting fashion.
COS3: To enable the students about roll of social and psychological aspects

# Bachelor of Vocation in (B.Voc.) <br> (Textile Design \& Apparel Technology) Semester-I Paper-BVTD 107: Introduction to Entrepreneurship (Theory) 

Total Period: - Th 3 per week
Time: 3 Hours

Max. Marks: 100
Theory: 75
Internal Assessment: 25

Note: Medium of Examination in English, Hindi, Punjabi language.
Instructions for the Paper Setters:-

1. There will be five sections.
2. Section A Carries 15 marks and is compulsory consisting of eighteen short answer type questions of 1 marks each covering the whole syllabus. The candidate will have to attempt fifteen questions in section $\mathbf{A}$.
3. Sections B, C, D and $E$ will be set from unit I, II, III, \&IV respectively and will consist of two questions of 15 marks each from the respective unit. The candidates are required to attempt one question from each of these sections.
OBJECTIVES:
To impart the knowledge of Entrepreneurship- which will help the students to start their enterprise.

## UNIT-I

- Entrepreneurship
- Concept, functions and need.


## UNIT-II

- Characteristics of entrepreneurship.
- Process of entrepreneurship development.

UNIT-III

- Help and support to entrepreneurs


## UNIT-IV

- Barriers to entrepreneurship


## Books Recommended:

1. Entrepreneurial Development- Dr. S. Moharana and Dr.Dash,Pub by RBSA Publishers, Jaipur.
2. Entrepreneurial Development by S.S. Khanna, Published by S. Chand \& Company Ltd., Ram Nagar, New Delhi.
3. Entrepreneurial Development by C.B. Gupta and N.P.Srinivasen, Publisher Sultan Chand \& sons, 1992.Entrepreneurial Development Principles. Policies and programme by P SaravanavePublishersEss Pee Kay Publishing house, Madras Published Chennai 1997.

## COURSE OUTCOMES:

COS1: Understand entrepreneurship concept as a whole.
COS2: Explain the role and importance of the small and medium sized enterprises in the economy.
COS3: Apply the various concepts to an understanding of new business creation and growth.
COS4: Understand business planning concept as a whole.

## SEMESTER-II

| Paper | Paper Title | Theory | Practical | Internal <br> Assessment | Total <br> Marks |
| :---: | :--- | :---: | :---: | :---: | :---: |
| BVTD <br> 101 | Communication Skills in <br> English-II | 25 | 12 | 13 | 50 |
| BVTD <br> 102 | Punjabi (Compulsory) OR <br> *Basic Punjabi OR <br> **Punjab History \& Culture | 37 | - | 13 | 50 |
| BVTD <br> 103 | ***Drug Abuse: Problem, <br> Management and Prevention <br> (Compulsory) | - | - | - | 50 |
| BVTD <br> 104 | Computer Application -II | - | 37 | 13 | 50 |
| BVTD <br> 105 | Garment Sewing | - | 75 | 25 | 100 |
| BVTD <br> 106 | Introduction to Fashion | 37 | - | 13 | 50 |
| BVTD <br> 107 | Enterprise Planning | 37 | - | 13 | 50 |
| BVTD108 | Design Foundation \& Basics of <br> Textiles-II |  | 37 | 13 | 50 |
|  |  |  |  |  |  |

Note:

1. *Special Paper in lieu of Punjabi Compulsory.
2. **For those students who are not domicile of Punjab
3. $* * *$ This paper marks will not be included in the total marks.

Session-2021-22
Bachelor of Vocation (B.Voc.)
(Software Development, Theatre and Stage Craft, Food Processing, Textile Design \&
Apparel Technology)
Semester - II
PAPER - BVGC 201: COMMUNICATION SKILLS IN ENGLISH-II
Time: 3 Hours
Max. Marks: 50
Theory Marks: 25
Practical Marks: 12
Assessment: 13
Instructions for the Paper Setters:-
Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). 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.
Marks)
Course Contents:
SECTION-A
Listening Skills: Barriers to listening; effective listening skills.
Activities: Listening exercises- News and TV reports
SECTION-B
Attending telephone calls; note making.
Activities: Taking notes on a speech/lecture
SECTION-C
Speaking and Conversational Skills: Components of a meaningful and easy conversation; understanding the cue and making appropriate responses; forms of polite speech; asking and providing information on general topics.

Activities: 1) Making conversation and taking turns
2) Oral description or explanation of a common object, situation or concept

## SECTION-D

Situation based Conversation in English, Essentials of Spoken English

Activities: Giving Interviews

## Recommended Books:

$\square$ Oxford Guide to Effective Writing and Speaking by John Seely.
$\square$ English Grammar in Use (Fourth Edition) by Raymond Murphy, CUP

Session-2021-22
Bachelor of Vocation (B.Voc.)
(Software Development, Theatre and Stage Craft, Food Processing, Textile Design \&
Apparel Technology)
Semester - II

## Practical Marks: 12

Course Contents:-
3. Oral Presentation with/without audio visual aids.
4. Group Discussion.
5. Listening to any recorded or live material and asking oral questions for listening comprehension.

## Questions:-

3. Oral Presentation will be of 5 to 10 minutes duration (Topic can be given in advance or it can be student's own choice). Use of audio visual aids is desirable.
4. Group discussion comprising 8 to 10 students on a familiar topic. Time for each group will be 15 to 20 minutes.

Note: Oral test will be conducted by external examiner with the help of internal examiner.
B.Sc. (Hons. - Physics, Chemistry, Mathematies),
B.Sc. Bio-Tech./IT/Fashion Designing/Food Sc./BCA, BA-JMC/ B.Sc. in Computational Statistics and Data Analytics, B.Voc. (Software Development,

Theatre and Stage Craft, Food Processing, Textile Design \& Apparel Technology)
SEMESTER-II लाक्तभी थरत्ताप्वी

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मभां: 3 ひீटे
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घिठ्छिगी भंव : 37
टिटटरल भमैम Нभैंट: 13
वूल मiव : 50

## यग्ठ-सूभ

कागा-यठिला

उा. भगिल मिंध (मंथा.), गही मागिड यूवग्मत, भंभिज्डमठ।
(विमे लेध $\boldsymbol{x}$ डे नेधा-चिंडन सा माग/टिश्रा-दमड्ड/तापिर घिंघ)

> बाठा-ट्डता

टिडिगमिव जग्टां

( ििर्षय 7 亏े 12 उर मग्व/ दिम्न-दमड़/निली)
काग-डीत्ता

(भ1) मूघट-सूटटीभां
कग्व-चँघा
(B) एढ़ठी चिठी थॅउठ
( (H) भुग्हते फडे भधाट


1. मिकेघम ऐे चण काग गठ थठ यूमत-थॅउत से थंत्त काता गटटो।


 05 यूमतां से छुउउ रेटा लान्तभी गेटेगा।
 मरहा Jै।
 ऊँ दॅधगी गैदेगी। टिम थेयठ से बूँल भिंब $37+13=50$ गर ।

## B.Sc. (Hons. - Physics, Chemistry, Mathematics),

B.Sc. Bio-Tech./IT/Fashion Designing/Food Sc./BCA, BA-JMC/ B.Sc. in

Computational Statistics and Data Analytics, B.Voc. (Software Development,
Theatre and Stage Craft, Food Processing, Textile Design \& Apparel Technology)

> SEMESTER-II
> भुँळली थैक्षप्घी
(In Lieu of Compulsory Punjabi)

$$
\text { मभां : } 3 \text { űंटे }
$$

> दिठिगी भंव : 37
> टिटठरल $\boldsymbol{m}$ मैममैंट : 13 बूल भर्श : 50

> याठठ-Хूभ
> का्वा-यठिக्ला

थंजाप्वी मृघ्वर-घघटठ


उाठ-ट्डता
थैताप्वी मघ्वर-यूरान

(अ) मिधलाए्टी के भाकिभाम
बागा-डीत्त



कग्ग-चैघा

तिंड दठनें सी थंज्ञाष्यी मघघटादली


 यूमतर से पान-चान भर्म गत ।
$(3 \times 4)=12$ मiव



 दॅघटी गेदेगी। टिम थेथण से वुल मंब $37+13=50$ गर।
[] KHALSA COLLEGE AMRITSAR
? (An Autonomous College)
? Bachelor of Vocation (B.Voc.)Software Development, Theatre and Stage Craft, Food Processing, Textile Design \& Apparel Technology),
ใ B. A., B.A. (SS), B. A. (Hons. - English), B. Com. (Hons., R, Ac. \& Finance), B. Sc. T Agri./Bio-Tech./Comp. Sc./Eco./FD/Food Sc./IT/Med./NMed., B.Sc. (Hons. - Agri., ? Botany, Chemistry, Mathematics, Physics, Zoology)/ B. of Mult., B. in Int. \& Mob.
? Tech./BBA/BCA/BJMC/BPT- SEMESTER-II
? PUNJAB HISTORY \& CULTURE (C 321 TO 1000 A.D.)
? (Special Paper in lieu of Punjabi compulsory)
(3) (For those students who are not domicile of Punjab)

Time: 3 Hours

## P-BVTD102

## Instructions for the Paper Setter:

? The question paper consists of five units: I, II, III, IV and V. Units I, II, III and IV will have two questions each. Each question carries 8 marks. The students are to attempt one question from each unit approximately in 800 words. Unit-V consists of 7 short answer type questions to be set from the entire syllabus. Students are to attempt any 5 questions in about 20 words each. Each question
[] carries 1 mark.
(?) Note: The examiner is to set the question paper in two languages: English \&Hindi.
? Unit-I

1. Punjab under Chandragupta Maurya and Ashoka.
2. The Kushans and their Contribution to the Punjab.
? Unit-II
(2) 3. The Punjab under the Gupta Emperors.
? 4. The Punjab under the Vardhana Emperors
? Unit-III
3. Political Developments 7th Century to 1000 A.D.
4. Socio-cultural History of Punjab from 7th Century to 1000 A.D.
[] Unit-IV
5. Development of languages and Literature.
6. Development of art \& Architecture.

## Suggested Readings:-

1. L. Joshi (ed), History and Culture of the Punjab, Part-I, Patiala, 1989(3rd edition)
2. L.M. Joshi and Fauja Singh (ed), History of Punjab, Vol.I, Patiala 1977.
3. BudhaParkash, Glimpses of Ancient Punjab, Patiala, 1983.
4. B.N. Sharma, Life in Northern India, Delhi. 1966.

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# SEMESTER-II <br> DA2- DRUG ABUSE: PROBLEM, MANAGEMENT AND PREVENTION DRUG ABUSE: MANAGEMENT AND PREVENTION <br> (Compulsory for all Under Graduate Classes) 

Time: 3 Hours
Total Marks: 50

## P-BVTD103

## Instructions for the Paper Setters:

Section-A: (15 Marks): It will consist of five short answer type questions. Candidates will be required to attempt three questions, each question carrying 05 marks. Answer to any of the questions should not exceed two pages.
Section-B: (20 Marks) It will consist of four essay type questions. Candidates will be required to attempt two questions, each question carrying 10 marks. Answer to any of the questions should not exceed four pages.
Section-C: (15 Marks) It will consist of two questions. Candidate will be required to attempt one question only. Answer to the question should not exceed 5 pages.

## UNIT-I

- Prevention of Drug abuse

Role of family: Parent child relationship, Family support, Supervision, Shaping values, Active Scrutiny.

## UNIT-II

- School: Counseling, Teacher as role-model. Parent-teacher-Health Professional Coordination, Random testing on students.


## UNIT-III

- Controlling Drug Abuse

Media: Restraint on advertisements of drugs, advertisements on bad effects of drugs, Publicity and media, Campaigns against drug abuse, Educational and awareness program

## UNIT-IV

- Legislation: NDPs act, Statutory warnings, Policing of Borders, Checking Supply/Smuggling of Drugs, Strict enforcement of laws, Time bound trials.


## References:

1. Extent, Pattern and Trend of Drug Use in India, Ministry of Social Justice and Empowerment, Government of India, 2004.
2. Gandotra, R. and Randhawa, J.K. 2018. voZrI d[otos'A (BPky'oh) gqpzXB ns o'eEkw. Kasturi

Lal\& Sons, Educational Publishers, Amritsar- Jalandhar.
3. Inciardi, J.A. 1981. The Drug Crime Connection. Beverly Hills: Sage Publications.
4. Modi, Ishwar and Modi, Shalini (1997) Drugs: Addiction and Prevention, Jaipur: Rawat Publication.
5.Randhawa, J.K. andRandhawa, Samreet2018. Drug Abuse-Management and Prevention.

KasturiLal\& Sons, Educational Publishers, Amritsar- Jalandhar.
6. Sain, Bhim 1991, Drug Addiction Alcoholism, Smoking obscenity New Delhi: Mittal Publications.
7. Sandhu, Ranvinder Singh, 2009, Drug Addiction in Punjab: A Sociological Study. Amritsar: Guru Nanak Dev University.
8. Singh, Chandra Paul 2000. Alcohol and Dependence among Industrial Workers: Delhi:

Shipra. 9. World Drug Report 2011, United Nations office of Drug and Crime.
10. World Drug Report 2010, United Nations office of Drug and Crime

# Bachelor of Vocation in (B.Voc.) (Textile Design \& Apparel Technology) (Semester-II) Paper-BVTD 105: Garment Sewing (Practical) 

Total Period: $\mathbf{1 2}$ per Week
Time: 7 Hours

Max. Marks: 100
Practical: 75
Internal Assessment: 25

Note: Paper will be set on the spot by the examiner.
Objectives:

+ To enable the students to construct kids and women's wear.


## Course Contents:

Designing, drafting and construction of the following garments with suitable design features.

- Kids Wear

1. Layette
2. A line frock
3. Romper
4. Night suit
5. Formal wear

## Books Recommended:

1. Sewing Basics, wendy Gardiner, Published 2003.
2. The Art of couture sewing by ZoyaNudelman, Published-8 June 2009.
3. The sewing Book ,Alison Smith, published Feb 2009.
4. Sewing Techniques and Patterns, Marie - nNaelle Bayard,(Sterling (Feb1,2007).
5. Complete Guide to Sewing , Readers Bigest, Published in 1976
6. The ultimate sewing book, Maggi McCormick Garden published- Collns\& Browns (Jan 1, 2002)

## COURSE OUTCOMES:

1. Students will gain basic understanding of garments, machines and their use in apparel and fashion industry
2. Students will be able to know about the different size charts and will be able to take measurements of the person
3. Students will develop an understanding of how different constructional tools help to make a perfect garment.
4. Students will be able to describe their garments in a more professional manner, by using the correct terminology.

# Bachelor of Vocation in (B.Voc.) (Textile Design \& Apparel Technology) (Semester-II) Paper-BVTD 106: Introduction to Fashion (Theory) 

Total Period: - (3) Per Week
Time: 3 Hours

Max Marks: 100
Theory: 75
Internal assessment: 25

Note:-Medium of Examination in English, Hindi and Punjabi Language.
Instructions for the Paper Setters:-

1. There will be five sections.
2. Section A Carries 15 marks and is compulsory consisting of eighteen short answer type questions of 1 marks each covering the whole syllabus. The candidate will have to attempt fifteen questions in section $A$.
3. Sections B, C, D and E will be set from unit I, II, III, \&IV respectively and will consist of two questions of 15 marks each from the respective unit. The candidates are required to attempt one question from each of these sections.

## Objectives:

To understand Fashion Terminology, Fashion Designers and Fashion Centers.
The knowledge will enable the students to understand fashion industry.

UNIT-I

- Fashion terminology - fad, classic, high fashion, mass fashion, haute couture, pert-a-porter, boutique and silhouette.
- Fashion cycle

UNIT-II

- Indian fashion designers- any five
- International fashion designers- any five

UNIT-III

- World major fashion centers

UNIT-IV

- Fashion forecasting
- Theories of fashion adoption.


## Books Recommended:

1. Fashion From Concept to Consumer-Gini Stephens Frings, published-1982.
2. Ramup The Business of Indian Fashion ,HindolSengupta Piblised-2009.
3. Introduction to Fashion Design, John Ireland, 1992,B.TBatsford Ltd
4. On World of Fashion, Fourth Edition, Annalee Gold Published fifrth edition (Jan 1,1987)

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## COURSE OUTCOMES:

COS1-To understand fashion terminology, fashion designers and fashion centers. COS2-The knowledge will enable the students to understand fashion industry.

# Bachelor of Vocation in (B.Voc.) (Textile Design \& Apparel Technology) (Semester-II) Paper-BVTD 107: Enterprise Planning (Theory) 

Total Period (Th 3) Per Week
Time: 3 Hours

Max. Marks: 50
Theory: 37
Internal Assessment: 13

Note:-Medium of Examination in English, Hindi and Punjabi Language.
Instructions for the Paper Setters:-

1. There will be five sections.
2. Section A Carries 9 marks and is compulsory consisting of eight short answer type questions of $\mathbf{1 . 5}$ marks each covering the whole syllabus. The candidate will have to attempt six questions in section $A$.
3. Sections B, C, D and E will be set from unit I, II, III, \&IV respectively and will consist of two questions of 7 marks each from the respective unit. The candidates are required to attempt one question from each of these sections.

Objectives:
To help the students to understand planning of small scale business.
UNIT-I

- Business planning
- Characteristics of good planning

UNIT-II

- Steps in the Planning Process
- Resource Planning

UNIT-III

- Financial Strategy
- Knowing the Market

UNIT-IV

- Marketing Techniques for Business Promotion $\square$


## Books Recommended:

1. Entrepreneurial Development- Dr. S. Moharana and Dr.Dash,Pub by RBSA Publishers, Jaipur.
2. Entrepreneurial Development by S.S. Khanna, Published by S. Chand \& Company Ltd., Ram Nagar , New Delhi.
3. Entrepreneurial Development by C.B. Gupta and N.P.Srinivasen, Publisher Sultan Chand \& sons, 1992.
4. Entrepreneurial Development Principles. Policies and programme by P Saravanavel,

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Publishers Ess Pee Kay Publishing house, Madras.(1997) 5. Inside The Fashion Business, Bennett Coleman.

## COURSE OUTCOMES:

CO1-Learners will pick up about Foundation of Entrepreneurship Development and its theories. CO2-Learners will explore entrepreneurial skills and management function of a company with special reference to SME sector.
CO3-Learners will identify the type of entrepreneur and the steps involved in an entrepreneurial venture.
CO4-Learners will understand various steps involved in starting a venture and to explore marketing methods \& new trends in entrepreneurship

# Bachelor of Vocation in (B.Voc.) <br> (Textile Design \& Apparel Technology) Semester-II <br> Paper-BVTD 108: Design Foundation \& Basics of Textiles-II (Practical) 

Total Period (Pr 3) Per Week
Time: 3 Hours

Maximum Marks:-50
Practical: 37
Assessment:-13

Note: Paper will be set on the spot by the examiner.

## Course Contents:

- Basic Block Figures (Male, Female \& Kid)
- Fleshing \& Motions
- Analysis of hands, feet \& face
- Rendering of Croquie
- Basic Weaves
> Plain Weave
$\Rightarrow$ Basket Weave
$>$ Twill Weave
$>$ Satin Weave
$>$ Sateen Weave


## COURSE OUTCOMES:

CO1- They learn about design through application of elements of design.
CO2- Students are able to create compositions using various color schemes.
CO3-This enables them to differentiate about different yarns and fabrics.

## Bachelor of Vocation in (B.Voc.) (Textile Design \& Apparel Technology) (Semester System)

SEMESTER-III

| Paper | Paper Title | Theory | Practical | Internal <br> Assessment | Total <br> Marks |
| :--- | :--- | :---: | :---: | :---: | :---: |
|  | *Environmental Studies <br> (Compulsory) | 50 | - | - | - |
| BVTD 23102 | Basics of Sewing Printing \& Dyeing | 37 | - | 13 | 50 |
| BVTD 23103 | Pattern Making and Grading | - | 56 | 19 | 75 |
| BVTD 23104 | History of Costumes | 37 | - | 13 | 50 |
| BVTD 23105 | CAD-I | - | 37 | 13 | 50 |
| BVTD 23106 | Design Development -I | - | 56 | 19 | 75 |
| BVTD 23107 | Garment Construction-I | - | 75 | 25 | 100 |
|  | TOTAL |  |  |  | $\mathbf{4 0 0}$ |

Note: *This paper marks will not be included in the total marks. Student can opt. This Paper whether in 3rd or 4th Semester.

## SEMESTER-IV

| Paper | Paper Title | Theory | Practical | Internal <br> Assessment | Total <br> Marks |
| :--- | :--- | :---: | :---: | :---: | :---: |
|  | *Environmental Studies <br> (Compulsory) | 50 | - | - | - |
| BVTD 24102 | Traditional Textiles | 37 | 37 | 26 | 100 |
| BVTD 24103 | Draping | - | 37 | 13 | 50 |
| BVTD 24104 | Quality Control | 37 | - | 13 | 50 |
| BVTD 24105 | CAD-II | - | 37 | 13 | 50 |
| BVTD 24106 | Design Development -II | - | 37 | 13 | 50 |
| BVTD 24107 | Garment Construction-II | - | 75 | 25 | 100 |
|  | TOTAL |  |  |  | $\mathbf{4 0 0}$ |

Note: *This paper marks will not be included in the total marks. Student can opt. This Paper whether in 3rd or $4_{\text {th }}$ Semester.

# B.A./B.Sc. (Biotech., Food Sci., Comp. Sci., Eco., FD., IT., Med., Non Med.)/B.Sc. (Hons.Physics, Chemistry, Maths)/B.B.A./B.C.A./B.Com./B.Com. (Hons.)/BJMC/BA Social Sciences/BA (Hons.) Punjabi, BA (Hons.) English, B.Voc (Food Processing, Theatre and Stage Craft, Software Development, Textile Design \& Apparel Tech) SEMESTER-III ESL-221: ENVIRONMENTAL STUDIES-I (COMPULSORY) BVTD-101 

Time: 3 Hrs.
Max. Marks: 50
Theory Lectures: $\mathbf{1}^{1 ⁄ 2}$ Hours/ Week
Instructions for Paper Setters: The question paper will consist of three sections. Candidate will be required to attempt all the sections. Each unit of the syllabus should be given equal weightage of marks. Paper to be set in English, Punjabi and Hindi.
Section-A: (16 Marks): It will consist of five short answer type questions. Candidates will be Required to attempt four questions, each question carrying four marks. Answer to any of the questions should not exceed two pages.
Section-B: (24 Marks): It will consist of five questions. Candidates will be required to attempt four questions, each question carrying six marks. Answer to any of the questions should not exceed four pages.
Section-C: (10 Marks): It will consist of two questions. Candidate will be required to attempt one question (carrying ten marks) only. Answer to the question should not exceed 5 pages.

Unit-I
The Multidisciplinary Nature of Environmental Studies:

- Definition, scope \& its importance.
- Need for public awareness.

Natural Resources:

- Natural resources and associated problems:
a) Forest Resources: Use of over exploitation, deforestation, case studies. Timber extraction, mining, dams and their effects on forests and tribal people.
b) Water Resources: Use and over-utilization of surface and ground water, floods, drought, conflicts over water, dams-benefits and problems.
c) Mineral Resources: Use and exploitation, environmental effects of extracting and using mineral resources, case studies.
d) Food Resources: World food problems, change caused by agriculture and overgrazing, effects or modern agriculture, fertilizer-pesticide problem, salinity, case studies.
e) Energy Resources: Growing of energy needs, renewable and non-renewable energy resources, use of alternate energy sources, case studies.
f) Land Recourses: Land as a resource, land degradation, soil erosion and desertification. Role of an individual in conservation of natural resources. Equitable use of resources for sustainable lifestyles.


## Unit-II

## Ecosystem:

- Concept of an ecosystem.
- Structure and function of an ecosystem.

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- Producers, consumers and decomposers.
- Energy flow in the ecosystem.
- Ecological succession.
- Food chains, food webs and ecological pyramids.
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Introduction, types, characteristic features, structure and function of the following ecosystems:
a. Forest ecosystem
b. Grassland ecosystem
c. Desert ecosystem
d. Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries)

## Unit-III

## Social Issues and Environment:

From unsustainable to sustainable development.
Urban problems related to energy.
Water conservation, rain water harvesting, watershed management.
Resettlement and rehabilitation of people; its problems and concerns. Case studies.
Environmental ethics: Issues and possible solutions.
Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents and holocause. Case studies.
Wasteland reclamation.
Consumerism and waste products.
Environmental Protection Act:
$>$ Air (prevention and Control of Pollution) Act.
$>$ Water (prevention and Control of Pollution) Act.
$>$ Wildlife Protection Act.
$>$ Forest Conservation Act.
Issues involved in enforcement of environmental legislation.
Public awareness.

## Unit-IV

## National Service Scheme

- Introduction and Basic Concepts of NSS: History, philosophy, aims \& objectives of NSS; Emblem, flag, motto, song, badge etc.; Organizational structure, roles and responsibilities of various NSS functionaries.
- Health, Hygiene \& Sanitation: Definition, needs and scope of health education; Food and Nutrition; Safe drinking water, water borne diseases and sanitation (Swachh Bharat Abhiyan); National Health Programme; Reproductive health.


# Bachelor of Vocation in (B.Voc.) (Textile Design \& Apparel Technology) (Semester-III) BVTD 102: Basics of Sewing Printing \& Dyeing (Theory) 

Total Period (Th-3) Per Week<br>Time: 3 Hours

Max. Marks: 50
Theory: 37
Internal Assessment: 13

## Note:-Medium of Examination in English, Hindi and Punjabi Language.

## Instructions for the Examiners/Paper Setters:

1. There will be five sections.
2. Section A Carries 9 marks and is compulsory consisting of eight short answer type questions of $\mathbf{1 . 5}$ marks each covering the whole syllabus. The candidate will have to attempt six questions in section $A$.
3. Sections B, C, D and $E$ will be set from unit I, II, III, \&IV respectively and will consist of two questions of 7 marks each from the respective unit. The candidates are required to attempt one question from each of these sections.

## OBJECTIVES:

- To impart the knowledge of basics of sewing and printing.
- To apply the knowledge in garment production and textile units.


## UNIT-I

1. Terminology- Notches, grain, grain lines, centre front, back line, bias, bust line, Waistline, seam line, seams, seam allowances, darts, dart points, direction of dart Access.

UNIT-II
2. Anthropometric measurements- study of all body measurements, standards of body measurements, importance, standardization and size chart.
3. Drafting and its importance.

UNIT-III
4. Printing techniques- block, screen, resist, roller, and stencil.

## UNIT-IV

5. Dyeing- classification of dyes, acid, basic, direct, reactive.

## Books Recommended:

1. Rustarm; J. Mehta, "Masterpieces of Indian Textiles", (1970), D.B. Taraporevala Sons \& Co., Pvt.Ltd.
2. JoyeeStorey, The Thames and Hudson- Manual of Textile Printing.' (1974), Thames and Hudson - London.
3. Abraham T.M., Handicraft of India, Graphics Columbia, New Delhi, 1964, Mulk Raj AnandMarg, Vol. VIII, 1954.
4. Helen Joseph Armstrong, Pattern making for Fashion Design, 2000, Dorling

Kindersley (India) Pvt. Ltd. India.
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## COURSE OUTCOME:

COS1- It enables the student about basics of stitching COS2- Students will be able to understand darts, dart manipulation techniques
COS3- Students will be able to understand different methods of dyeing and printing

# Bachelor of Vocation in (B.Voc.) (Textile Design \& Apparel Technology) (Semester-III) BVTD 103: Pattern Making and Grading (Practical) 

Total Period: Pr-3per Week
Time: 3 Hours

Max. Marks: 75
Practical: 56
Internal Assessment: 19

Note: Practical Paper will be set on the spot by the examiner.

## OBJECTIVES:

To teach different aspects of Pattern Making and Grading.
To enable the students to become a pattern maker in Garment Industry.

## UNIT I

> Introduction to pattern making

- Pattern making tools
- Pattern making terms.
- Study of various measurements (incms and inches)

Measurement charts, selection of right size, fitting problems.
Child bodice block and sleeve block
Adult bodice block and sleeve block using metric system
$>$ • Drafting of sleeves;

- Circular sleeve
- Bishop sleeve
- Lantern sleeve
- Saddle sleeve
$>$ • Drafting of collars;
- Bishop collar
- Coat collar
- Shawl collar
- Stand and fall collar
- Convertible collar
> • Drafting of skirts;
- Basic skirt
- Wrap around skirt
- Handkerchief skirt
- •Developing contoured patterns;
- Halter style
- Double breasted


## UNIT II

## > Dart manipulation;

- Shifting of darts by pivot method, slash and spread method on full scale
- Single dart series
- Two dart series
- Multiple dart series
- Princess line n empire style line
- Style darts
- Yokes
- Gathers
$>$ Introduction to grading;
- Grading of adult bodice block
- Grading of full sleeve
- Grading of skirt


## Books Recommended:

## Essential Readings:

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. Further Readings:
4. Gale GriggHazen,Fantastic Fit for Every Body, 1998, Published by Rodale press
5. Pati Palmer and Marta Alto Palmer, Fit for real People, 1998.,Pletsch Inc.,
6. Kathleen Maggio, Altered Clothing.
7. Pati Palmer and Susan Pletsch, Easy, Easier, Easiest Tailoring,; 2000., Published by Palmer/Pletsch Inc.,

## COURSE OUTCOMES

CO1-1. To introduce pattern making technique as it is a vital tool in creating garments.
CO 2. To develop understanding regarding garment pattern blocks and how they relate to human body. CO3. To make students understand the terms and symbols used for development of any pattern.

# Bachelor of Vocation in (B.Voc.) <br> (Textile Design \& Apparel Technology) (Semester-III) <br> BVTD 104: History of Costumes (Theory) 

Total Period (Th-6) Per Week
Time: 3 Hours

Max. Marks: 50
Theory: 37
Internal Assessment: 13

Note:-Medium of Examination in English, Hindi and Punjabi Language.

## Instructions for the Examiners/Paper Setters:

1. There will be five sections.
2. Section A Carries 9 marks and is compulsory consisting of eight short answer type questions of $\mathbf{1 . 5}$ marks each covering the whole syllabus. The candidate will have to attempt six questions in section $A$.
3. Sections B, C, D and E will be set from unit I, II, III, \&IV respectively and will consist of two questions of 7 marks each from the respective unit. The candidates are required to attempt one question from each of these sections.

## OBJECTIVES:

To impart the knowledge of world and Indian historic costumes.
UNIT-I

- Ancient Indian Civilization Costumes;
- Mauryan and Shunga period
- Satvahana period
- Gupta period

UNIT-II

- Traditional Costumes of India;
- North;

Punjab, Jammu and Kashmir, Haryana

- West;

Maharashtra, Gujarat.
UNIT-III

- East;

Assam, west Bengal, Orissa

- South;

Kerala, Karnataka, Tamil Nadu.
UNIT-IV
Global Costumes;

- Greek period
- Roman period
- Egyptian period
- Byzantine period.


## Books Recommended:

## Essential Reading:

1. A.Biswas, Indian Costumes, (2003), Publication Division
2. ParulBhatnagar, Traditional Indian Costumes and Textiles, (2004), Abhishek Publications Further Reading:
3. J.R. Planche, History of British Costumes, 2001.
4. Indian Textile Prints, (2004) the Pepline Press Agile Rabbit Editions.
5. Ritu Kumar, Costumes and Textiles of Royal India, (1999), Christie's Book.
6. Bradley, Carolyn G., Western World Costume, 1955, British Commonwealth.
7. The Victoria and Albert Museum's Textile Collection British Textiles from 1850 to 1900 by Linda Parey V and A Publications.
8. The Complete Costumes History (Tashon) AugusteRachinet (1825-1893)

## COURSE OUTCOMES

COS1- Students will develop understanding about ancient Indian Civilization Costumes. COS2- Students will gain brief knowledge about Traditional Costumes of India.
COS3- Learners will be able to impart the knowledge of global costumes.
COS4- Evaluate and identify costumes of various periods for authenticity, fit, and appearance on a body in motion when viewing historic/period videos.

# Bachelor of Vocation in (B.Voc.) (Textile Design \& Apparel Technology) (Semester-III) BVTD 105: CAD-I <br> (Practical) 

Total Period (0+3) Per Week
Time: 3 Hours
Max.Max.Marks: 50
Practical: 37
Internal Assessment: 13
Note: Practical Paper will be set on the spot by the examiner.

## OBJECTIVES:

To understand the fashion design concepts on computer.
To acquaint students with knowledge of CAD based application in Fashion Designing.

1. Sloper Development:

- Basic Child Block
- Basic Sleeve
- Basic Adult Block
- Basic Sleeve

2. Manipulation of Grain line, darts, seams.
3. Different types of skirts, sleeves, collars.
4. Pattern making, Grading and Layouts.

## Books Recommended:

1. Software Manuals
2. Joseph, Helen, Pattern Making for Fashion Designing
3. Coklin. Gerry, Pattern Grading for Women's Clothes

## COURSE COUTCOMES:

COS1- Ability to understand \& apply common design patterns to incremental development COS2- Students are enabling to understand about pattern making digitally. They understand about pattern software (JDPDS).
COS3- Easy working on patterns for grading as pattern marker for layout.

# Bachelor of Vocation in (B.Voc.) <br> (Textile Design \& Apparel Technology) (Semester-III) <br> BVTD 106: Design Development-I 

(Practical)
Total Period (0+3) Per Week
Max.Marks: 75
Time: 3 Hours
Practical: 56
Internal Assessment: 19
Note: Practical Paper will be set on the spot by the examiner.

## OBJECTIVES:

To help students to understand flat sketching for fashion illustration.

- Flat sketching of various fashion details:
- Pockets
- Sleeves
- Cuffs
- Necklines
- Collars
- Silhouettes
- Skirts
- Tops
- Rendering of different fabric:
- Net,
- Cotton
- Jute
- Silk
- Velvet
- Leather
- Denim
- Fur
- Different silhouettes draping on fashion figures:
- A-line
- Circular
- Straight
- Rectangular
- Hourglass
- Funnel shaped
- Sketching of different accessories
- Bags
- Jewelleries
- Hats
- Footwear


## Books Recommended:

## Essential Reading:

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.

Further Reading:

1. Allen and Seaman, Fashion Drawing - the Basic Principles, 1994, B.T. Batsford, London.
2. Seaman, Julian, Professional Fashion Illustration, 1995, B.T. Batsford, London.
3. Drake and Nicholas, "Fashion Illustrations", 1995, Thames and Husdon, London.
4. AblingBina, Fashion Sketch Book, 2006, by Fairchild publication.
5. Vogue Sketch Catalogue.

## COURSE OUTCOMES:

COS1_Learners will be able to enhance their drawing skills and illustrate their ideas in different styles with rendering skills and detailing.
COS2- To enable students to gain knowledge of rendering textures of fabrics
COS3- To impart the knowledge of sketching of accessories for different age groups
COS4- Students will learn to draw fashion figures by understanding body proportions COS5- To develop approach towards ideations and confidence in presenting work creatively

# Bachelor of Vocation in (B.Voc.) <br> (Textile Design \& Apparel Technology) (Semester-III) <br> BVTD 107: Garment Construction-I <br> (Practical) 

Total Period (0+9) Per Week Max.
Time: 5 Hours
Note: Practical Paper will be set on the spot by the examiner. Objective:
To enable the students to construct theme based garments.

## Practical:

- Women's wear

1. Petticoat
2. Blouse
3. Kameez
4. Salwar/ churidaar.
5. Skirts (A-Line, Pleated, Circular)

## Books Recommended:

1 Joseph, Helen, Pattern Making for Fashion Designing
2. Coklin. Gerry, Pattern Grading for Women's Clothes
3. The Art of couture sewing by Zoya Nudelman.
4. The sewing Book ,Alison Smith
5. Sewing Techniques and Patterns, Marie - nNaelle Bayard
6. Complete Guide to Sewing, Readers Bigest
7. The ultimate sewing book, Maggi McCormick Garden
8. Technology of Clothing Manufacture, Harold Carr

## COURSE OUTCOMES:

COS1 Students will gain the understanding regarding different garment components and their construction.
COS2- Students will be able stitch sleeves, necklines and other parts of garments.

# B.A./B.Sc. (Biotech., Food Sci., Comp. Sci., Eco., FD., IT., Med., Non Med.)/B.Sc. (Hons.Physics, Chemistry, Maths)/B.B.A./B.C.A./B.Com./B.Com. (Hons.)/BJMC/BA Social Sciences/BA (Hons.) Punjabi, BA (Hons.) English, B.Voc (Food Processing, Theatre and Stage Craft, Software Development, Textile Design \& Apparel Tech) SEMESTER-IV ESL-222: ENVIRONMENTAL STUDIES-II (COMPULSORY) 

Time: 3 Hrs.
Max. Marks: 50
Theory Lectures: $\mathbf{1}^{1 ⁄ 2}$ Hours/ Week
Instructions for Paper Setters: The question paper will consist of three sections. Candidate will be required to attempt all the sections. Each unit of the syllabus should be given equal weightage of marks. Paper to be set in English, Punjabi and Hindi.
Section-A: (16 Marks): It will consist of five short answer type questions. Candidates will be required to attempt four questions, each question carrying four marks. Answer to any of the questions should not exceed two pages.
Section-B: ( $\mathbf{2 4}$ Marks): It will consist of five questions. Candidates will be required to attempt four questions, each question carrying six marks. Answer to any of the questions should not exceed four pages.
Section-C: (10 Marks): It will consist of two questions. Candidate will be required to attempt one question (carrying ten marks) only. Answer to the question should not exceed 5 pages.

## Unit-I

## Biodiversity and its Conservation:

- Definition: Genetic, species and ecosystem diversity.
- Biogeographical classification of India.
- Value of Biodiversity: Consumptive use; productive use, social, ethical, aesthetic and option values.
- Biodiversity of global, National and local levels.
- India as mega-diversity nation.
- Hot-spots of biodiversity.
- Threats to Biodiversity: Habitat loss, poaching of wild life, man wildlife conflicts.
- Endangered and endemic species of India.
- Conservation of Biodiversity: In situ and Ex-situ conservation of biodiversity.


## Unit-II

## Environmental Pollution:

> Definition, causes, effects and control measures of:
a) Air Pollution
b) Water Pollution
c) Soil Pollution
d) Marine Pollution
e) Noise Pollution
f) Thermal Pollution
g) Nuclear Hazards
h) Electronic Waste
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> Solid Waste Management: Causes, effects and control measures of urban and industrial wastes.
> Role of an individual in prevention of pollution.
$>$ Pollution case studies.
$>$ Disaster Management: Floods, Earthquake, Cyclone and Landslides.

## Unit-III

## Human Population and the Environment

$>$ Population growth, variation among nations.
> Population explosion-Family welfare programme.
$>$ Environment and human health.
$>$ Human rights.
$>$ Value education.
$>$ HIV/AIDS.
$>$ Women and child welfare.
$>$ Role of information technology in environment and human health.
$>$ Case studies.
> Road Safety Rules \& Regulations: Use of Safety Devices while Driving, Do's and Don'ts while Driving, Role of Citizens or Public Participation, Responsibilities of Public under Motor Vehicle Act, 1988, General Traffic Signs.
$>$ Accident \& First Aid: First Aid to Road Accident Victims, Calling Patrolling Police \& Ambulance.

## Unit-IV

National Service Scheme:

- Entrepreneurship Development: Definition \& Meaning; Qualities of good entrepreneur; Steps/ ways in opening an enterprise; Role of financial and support service Institutions.
- Civil/Self Defense: Civil defense services, aims and objectives of civil defense; Needs for self-defense training.
Field Visits:
- Visit to a local area to document environmental assets-river/forest/grassland/hill/ mountain.
- Visit to a local polluted site-Urban/Rural/Industrial/Agricultural.
- Study of common plants, insects, birds.
- Study of simple ecosystems-pond, river, hill slopes etc.
- Contribution of the student to NSS/any other social cause for service of society.

Note: In this section the students will be required to visit and write on the environment of an area/ ecosystem/vi1lage industry/disaster/mine/dam/agriculture field/waste management/hospital etc. with its salient features, limitations, their implications and suggestion for improvement.

## References/Books:

1. Agarwal, K. C. 2001. Environmental Biology, Nidhi Publications Ltd. Bikaner.
2. Bharucha, E. 2005. Textbook of Environmental Studies, Universities Press, Hyderabad.
3. Down to Earth, Centre for Science and Environment, New Delhi.
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4. Jadhav, H. \& Bhosale, V. M. 1995. Environmental Protection and Laws. Himalaya Pub.
5. Joseph, K. and Nagendran, R. 2004. Essentials of Environmental Studies, Pearson

Education (Singapore) Pte. Ltd., Delhi.
6. Kaushik, A. \& Kaushik, C. P. 2004. Perspective in Environmental Studies, New Age International (P) Ltd, New Delhi.
7. Miller, T. G. Jr. 2000. Environmental Science, Wadsworth Publishing Co.
8. Sharma, P. D. 2005. Ecology and Environment, Rastogi Publications, Meerut.
9. Booklet on Safe Driving. Sukhmani Society (Suvidha Centre), District Court Complex, Amritsar
10. Kanta, S., 2012. Essentials of Environmental Studies, ABS Publications, Jalandhar.

# Bachelor of Vocation in (B.Voc.) (Textile Design \& Apparel Technology) (Semester-IV) BVTD 102: Traditional Textiles 

(Theory)
Total Period (3+3) Per Week Max.
Time: 3 Hours

Marks: 100
Theory: 37
Practical: 37
Internal Assessment: 26

Note:-Medium of Examination in English, Hindi and Punjabi Language.
Instructions for the Examiners/Paper Setters:

1. There will be five sections.
2. Section A Carries 9 marks and is compulsory consisting of eight short answer type questions of $\mathbf{1 . 5}$ marks each covering the whole syllabus. The candidate will have to attempt six questions in section $A$.
3. Sections B, C, D and E will be set from unit I, II, III, \&IV respectively and will consist of two questions of 7 marks each from the respective unit. The candidates are required to attempt one question from each of these sections.

OBJECTIVES:
To gain knowledge of traditional textiles of India.

## THEORY

## UNIT-I

- Colored textiles
- Patola
- Ikat
- Bandhani

UNIT-II

- 2. Woven textiles
- Chanderi
- Maheshwari
- Kanjiwaram
- Baluchari
- Brocades

UNIT-III

- Painted
- Kalamkari


## UNIT-IV

Study of following traditional embroideries - Introduction, types, history, decorative stitches, Techniques and colour combinations.

- Phulkari
- Kantha

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- Chikankari
- Kashida
- Chambarumal


## Books Recommended:

1. Indian Embroidery - SavitriPandit.
2. Bhatnagar, Parul - Traditional Indian Textiles.
3. Irwin and Hall Indian Embroideries, Published by S.R. Bastikar, P.B. 28, Ahmedabad.
4. Rustarm; J. Mehta, "Masterpieces of Indian Textiles", (1970), D.B. Taraporevala Sons \&Co., Pvt.Ltd.
5. JoyeeStorey, The Thames and Hudson- Manual of Textile Printing.' (1974), Thames and Hudson - London.
6. Abraham T.M., Handicraft of India, Graphics Columbia, New Delhi, 1964, Mulk Raj Anand Marg, Vol. VIII, 1954.
7. Textile Arts of India ,KyotoShoin

Further Reading:

1. BhushanBrijJamila, The Costumes and Textiles of India, 1958, D.B. Taraporewala Sons and Co., Ltd, Bombay.
2. Bhattacharyya A.K, Chamba Rumal, 1968, Indian Museum, Calcutta.
3. Dongerkery, Kamala S., Romance of Indian Embroidery, 1951, Thacker \& Co. Ltd. Bombay.
4. DhamijaJasleen., TheKanthas of Bengal, 1971, The Times of India Annual.
5. Irwin John and Schwartz P.R., Studies in Indo-European textiles, 1966, Calico Museum of textile, Ahmedabad.
6. Irwin and Hall, Indian Embroideries, Published by S.R. Bastikar, P.B. 28, Ahmedabad.
7. Joshi Indira, Kasuti of Karnatak, Popular Prakashan, Bombay 1963.
8. Indian Embroidery - SavitriPandit.

## COURSE OUTCOMES:

COS1 to impart the knowledge of traditional design and motifs of textiles COS2 Students will be able to explore their ideas through embroidery techniques COS3 Students will be able to differentiate between embroidery works of different states

# Bachelor of Vocation in (B.Voc.) <br> (Textile Design \& Apparel Technology) (Semester-IV) <br> BVTD 102: Traditional Textiles <br> (Practical) 

Total Period: (03) per week
Practical: - 37

- Sample making of the following:-
- Phulkari of Punjab,
- Kantha of Bengal,
- Chikankari of U.P
- Kashida
- Chamba Rumal
- Kasuti/ Kutch

Dyeing

- Tie and Dye
- Make any 2 article by using any embroidery and dye.


## COURSE OUTCOMES:

- COS1 to impart the knowledge of traditional design and motifs of textiles
- COS2 Students will be able to explore their ideas through embroidery techniques
- COS3 Students will be able to differentiate between embroidery works of different states


# Bachelor of Vocation in (B.Voc.) (Textile Design \& Apparel Technology) (Semester-IV) BVTD 103: Draping <br> (Practical) 

Total Period (0+3) Per Week<br>Time: 3 Hours

Max.Marks: 50
Practical: 37
Internal assessment: 13
Note: Practical Paper will be set on the spot by the examiner.

## OBJECTIVES:

To impart the knowledge of Indian and Global fashion market.

-     - Draping of basic bodice block

1. Front
2. Back

- Basic variation

1. Classic princess line, (front and back)
2. Cowl neckline, halter neck
3. Yoke
4. Armhole
5. Front bodice with French darts, Shoulder darts' centre front dart
6. Intersecting darts
7. Asymmetric darts
8. Dart with gathered leg
9. The basic empire

- Draping of bustier


## Books Recommended:

## Essential Readings:

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) Publisher: Fairchild Books, K Visual.
6. Hilde Jaffe, Jurie Reus, Draping for Fashion Design, 1993, Prentice Hall Carrer\& Technology.
Further Readings:

1. Gale GriggHazen,Fantastic Fit for Every Body, 1998, Published by Rodale press
2. Pati Palmer and Marta Alto Palmer, Fit for real People, 1998., PletschInc.,Kathleen

Maggio, Altered Clothing.
3. Pati Palmer and Susan Pletsch, Easy, Easier, Easiest Tailoring,; 2000., Published byPalmer/Pletsch Inc.,

## COURSE OUTCOMES

CO1- Students will be able to apply the learned techniques of draping to develop a product
CO2- Easily enables the student formation of design in Three-dimensional way
CO3- They are able to transform draping pattern into dress.

# Bachelor of Vocation in (B.Voc.) (Textile Design \& Apparel Technology) (Semester-IV) <br> BVTD 104: Quality Control <br> (Theory) 

Total Period (3+0) Per Week
Time: 3 Hours

Max.Marks: 50
Theory: 37
Internal Assessment: 13

Note:-Medium of Examination in English, Hindi and Punjabi Language.

## Instructions for the Examiners/Paper Setters:

1. There will be five sections.
2. Section A Carries 9 marks and is compulsory consisting of eight short answer type questions of $\mathbf{1 . 5}$ marks each covering the whole syllabus. The candidate will have to attempt six questions in section $A$.
3. Sections B, C, D and E will be set from unit I, II, III, \&IV respectively and will consist of two questions of 7 marks each from the respective unit. The candidates are required to attempt one question from each of these sections.

## OBJECTIVES:

To enable the students to learn about quality control in apparel industries.
UNIT-I

- Define Quality Control

Importance of Quality and Quality control
UNIT-II

- 2. Fabric defects

Pre-sewing and sewing defects.

## UNIT-III

- Concept of total quality management
- Accessory testing

Sewing threads, buttons, laces, hooks, elastics.

## UNIT-IV

> Apparel quality assurance in packing

- Importance
- Types
- Scope and importance
- Shipping procedure


## Book Recommended:

1. Managing Quality in the Apparel Industry ,Pradip Mehta(NIFT)
2. Technology of Clothing Manufacture, Harold Carr
3. Total Quality Management- a practical approach, Wiley Eastern
4. Introduction to Quality Control, Pradip V Mehta

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## COURSE CONTENTS:

COS1- It imparts among students steps to ensure products before supplying
COS2- It enables students how costumer needs and expectations are met
COS3- It helps students to impart knowledge about different funds ad costing COS4- It enables students to understand different quality control strategy.

# Bachelor of Vocation in (B.Voc.) <br> (Textile Design \& Apparel Technology) (Semester-IV) BVTD 105: CAD-II <br> (Practical) 

Total Period (0+3) Per Week
Max.Marks: 50
Practical: 37
Internal assessment: 13
Note: Practical Paper will be set on the spot by the examiner.
OBJECTIVES:
To understand the fashion design concepts on computer.
To acquaint students with knowledge of CAD based application in Fashion Designing.
$>$ Introduction to basic tools of the fashion software.
$>$ Designing 10 outfits on the following themes:

- Season
- Party wear
- Sports
- Casual
- Beach
- Club
- Night
- Evening
- Uniform
- Ethnic wear


## Book Recommended:

1. Software Manuals

## COURSE OUTCOMES:

COS1- Students will be able to understand the fashion design concepts on computer COS2- Students will gain knowledge about different themes required in the field of fashion. COS3- Students will be able to make designs digitally in Coral Draw and Adobe Photoshop COS4-To develop and conceptualize their designs and creations.

# Bachelor of Vocation in (B.Voc.) (Textile Design \& Apparel Technology) (Semester-IV) <br> BVTD 106: Design Development-II <br> (Practical) 

Total Period (0+3) Per Week Max.<br>Time: 3 Hours<br>Max. Marks: 50<br>Practical: 37<br>Internal assessment: 13

Note: Practical Paper will be set on the spot by the examiner.
Objective:
To teach students Professional illustrations which will help them in garment designing.
Design at least 4 dresses of each and one on Croquie

- Indian Traditional wear.
- Casual Wear.
- Kids Wear.
- Western Formal Wear.
- Office Wear

Each theme must have Mood Board, Colour Board, Swatch Board, Garment Specification sheet and Costing sheet.

## 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,
3. Seaman, Julian, Professional Fashion Illustration, 1995, B.T. Batsford London,
4. Drake and Nicholas, "Fashion Illustartion", 1994, Thames and Hudson London.
5. ElisabettaDrudi, T.Paci, "Figure Drawing for Fashion", 2002, The Pepin Press.
6. BinaAbling, Fashion Illustration, 2008, Fairchild Publication.
7. BinaAbling, Fashion Rendering with Color, , 200, Fairchild Publication.
8. Thames \&Husdon, Vogue Sketch Catalogue, 1911, Si New House.

## COURSE OUTCOMES:

COS1- Learners will be able to enhance their drawing skills and illustrate their ideas in different styles with rendering skills and detailing COS2- To enable students to gain knowledge of rendering textures of fabrics COS3- To impart the knowledge of sketching of accessories for different age groups COS4- Students will learn to draw fashion figures by understanding body proportions. COS5- To develop approach towards ideations and confidence in presenting work creatively.

# Bachelor of Vocation in (B.Voc.) (Textile Design \& Apparel Technology) (Semester-IV) BVTD 107: Garment Construction-II (Practical) 

## Total Period (0+6) Per Week Max.

Time: 3 Hours
Marks: 100
Practical: 75
Internal Assessment: 13
Note: Practical Paper will be set on the spot by the examiner.

## Objective:

To enable the students to construct Men's wear

## Practical:

- Design and construct women dresses on the following theme:-
- Indian traditional dress.
- Western party wear.
- Office wear.
- Night wear.
- Casual wear- (Culottes, Skirt-pleated, peg, flared, Tops with cowl and turtle neckline).


## Books Recommended:

## Essential Reading:

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.

## Further Reading:

1) Basic Pattern Skills for Fashion Design by Bernard Zamkoff, 1997, Fairchild Publication,.
2) Ernestine Koff, Design Apparel through Flat Pattern, 2006, Cole Publishing Co.
3) Martin Shoben, Pattern Cutting \& Making Up, 1987, Butterworth, Heimeneman.
4) Hilde Jaffe, Draping for Fashion Design, 2007, Claudia Barbara.
5) Ireland, Patrick John, Fashion Design Drawing and Presentation 1996,", B.T. Batsford,
6) London,.
7) ElisabettaDrudi, T.Paci, "Figure Drawing for fashion", 2002, The Pepin Press.
8) BinaAbling, Fashion Illustration, 2008, Fairchild Publication.
9) BinaAbling, Fashion Rendering with Color, , 200, Fairchild Publication.
10) Thames \&Husdon, Vogue Sketch Catalogue, 1911, Si New House.

## COURSE OUTCOMES:

CO1- Students will gain the understanding regarding different garment components and their construction.
CO2- Students will be able stitch sleeves, necklines and other parts of garments.
CO3 Students will be able to construct complete garment.

## PROGRAMME: Bachelor of Vocation in (B.Voc.) (Textile Design \& Apparel Technology) (Semester System) COURSE CODE: BVTD

SEMESTER-V

| Course Code | Course Title | Theory | Practical | Internal <br> Assessment | Total <br> Marks |
| :--- | :--- | :---: | :---: | :---: | :---: |
| BVTD 35101 | Enterprise Management | 37 | - | 13 | 50 |
| BVTD 35102 | Introduction Knitting Skills | 37 | 37 | 26 | 100 |
| BVTD 35103 | Technical Surface <br> Designing-I | - | 37 | 13 | 50 |
| BVTD 35104 | E-Designing | - | 37 | 13 | 50 |
| BVTD 35105 |  <br> Garment Construction | - | 37 | 13 | 50 |
| BVTD 35106 |  <br> Stylization | - | 37 | 13 | 50 |
| BVTD 35107 | Survey \& Project Report | - | 37 | 13 | 50 |
|  | TOTAL |  |  |  |  |

## SEMESTER-VI

| Course Code | Course Title | Theory | Practical | Internal <br> Assessment | Total <br> Marks |
| :--- | :--- | :---: | :---: | :---: | :---: |
| BVTD 36101 | Fashion Merchandising | 37 | - | 13 | 50 |
| BVTD 36102 | Eco Textiles and <br> Sustainable Clothing | 37 | - | 13 | 50 |
| BVTD 36103 | Custom made Sewing | - | 37 | 13 | 50 |
| BVTD 36104 | Porffolio Development | - | 75 | 25 | 100 |
| BVTD 36105 | Technical Surface <br> Designing-II | - | 37 | 13 | 50 |
| BVTD 36106 | Design and Display | - | 37 | 13 | 50 |
| BVTD 36107 | Internship report | - | 37 | 13 | 50 |
|  | TOTAL | 400 |  |  |  |

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# Bachelor of Vocation in (B.Voc.) (Textile Design \& Apparel Technology) (Semester-V) <br> BVTD 101: Enterprise Management <br> (Theory) 

Total hours:04Hours
Credit hours (per week):04Hrs
Maximum marks:50
Theory $=37$
Internal assessment $=13$

Note:-Medium of Examination in English, Hindi and Punjabi Language.
INSTRCTIONS OF PAPERS SETTERS:

1. There will be five sections.
2. Section A Carries 9 marks and is compulsory consisting of eight short answer type questions of $\mathbf{1 . 5}$ marks each covering the whole syllabus. The candidate will have to attempt six questions in section $A$.
3. Sections B, C, D and E will be set from unit I, II, III, \&IV respectively and will consist of two questions of 7 marks each from the respective unit. The candidates are required to attempt one question from each of these sections.

## COURSE OBJECTIVE:

To help the students to understand planning of small scale business.

## UNIT-I

- Management-

Introduction: Meaning and Nature of Management, Management Approaches, Processes, Managerial Skills, Tasks and Responsibilities of a Professional Manager.

- Planning and Controlling:

Planning Types and Process, Management by Objectives, Decision-Making Types and Models, Problem Solving Techniques.

UNIT-II

- Financial Management
- Nature and Scope of Financial Management;
- Financial Objectives; Impact of Financial and Economical Environment on Financial Management

UNIT-III

- Introduction to customer relationship management, measuring customer relationship management, customer response, satisfaction, loyalty, customer relation and complaint management. Overview of Supply Chain Management, Purchase Management.


## UNIT-IV

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- Change \& Innovation Management
- Change Management: Understanding the Nature\& Importance of Change, Types of Change. Innovations Management: Invention vs. Innovation; Innovation Strategies, Models; Process Innovation. Economics of Innovation.
- Creative and Lateral Thinking Management: Creative Thinking, Lateral Thinking.


## BOOKS PRESCRIBED

1. Entrepreneurial Development- Dr. S. Moharana and Dr.Dash,Pub byRBSA Publishers,Jaipur. 2. Entrepreneurial Development by S.S. Khanna, Published by S. Chand \&Company Ltd., Ram Nagar , NewDelhi.
2. Entrepreneurial Development by C.B. Gupta and N.P.Srinivasen, Publisher Sultan Chand \& sons, 1992.
3. Entrepreneurial Development Principles. Policies and programme by PS aravanavel, Publishers Ess Pee Kay Publishing house ,Madras.
4. Inside The Fashion Business, BennettColema

## COURSE OUTCOMES:

CO1-Learners will pick up about Foundation of Entrepreneurship Development and its theories CO2- Learners will explore entrepreneurial skills and management function of a company with special reference to SME sector.
CO3- Learners will identify the type of entrepreneur and the steps involved in an entrepreneurial venture.
CO4- Learners will understand various steps involved in starting a venture and to explore marketing methods \& new trends in entrepreneurship.

# Bachelor of Vocation in (B.Voc.) (Textile Design \& Apparel Technology) (Semester-V) 

 BVTD 102: Introduction Knitting Skills(Theory)
Total Period (06+03) Per Week
Time: 3 Hours

Max.Max.Marks: 100
Theory: 37
Practical: 37
Internal Assessment: 26

Note: Medium of Examination in English, Hindi, Punjabi language. Instructions for the Examiners/Paper Setters:
4. There will be five sections.
5. Section A Carries 9 marks and is compulsory consisting of eight short answer type questions of $\mathbf{1 . 5}$ marks each covering the whole syllabus. The candidate will have to attempt six questions in section $A$.
6. Sections B, C, D and E will be set from unit I, II, III, \&IV respectively and will consist of two questions of 7 marks each from the respective unit. The candidates are required to attempt one question from each of these sections.

## OBJECTIVES:

- To impart knowledge about knitting technology.
- To enable students to develop practical skills of knitting.

UNIT-I

- Introduction to knitting industry
- Important definition of knitting terms- Course Length, Technically Upright ,Sewn Bind Off, Dye Lot, Gauge, English Knitting, Continental Knitting, Stitch Density .
- Working of knitting needles.
- Loop formation and construction of knitting stitches. - Plain stitch - Purl stitch - Miss stitch- Tuck stitch.

UNIT-II

- Classification of weft knitted fabrics - Single jersey - Rib - Purl knit - Interlock - Double knit fabric
- High pile knit - Fully fashioned knit - Knitted terry - Knitted velour - Knitted jacquard - Knitted intarsia


## UNIT-III

- Classification of warp knits - Identification of warp knitted fabric- Tricot fabric, Raschel knit fabric Yarns for warp knitted fabric
- Types and properties
- Fabric characteristics

Difference between Raschel and Tricot fabric

## UNIT-IV

- Production calculation of knitted garment
- Production methods of knitted garments
- Difference between knitted and woven fabrics


## Books Recommended:

1. Brackenbury Terry, "Knitting Clothing Technology", Blackwell Science,UK.
2. Spancer David J, "Knitting Technology", PergemanPress
3. Grammer ofTextileDesign-Nisbet
4. Structural Fabric DesignBy-Kilby
5. Fibre to FabricByGhosh

## COURSE OUTCOMES

CO1-To impart comprehensive knowledge in textile manufacturing processes and quality assurance aspects necessary for successful career in industry and higher studies CO2-.To develops leadership and problem solving skills in graduates to make them industry ready.
CO3- To encourage the graduates for innovation and entrepreneurship in textile engineering. CO4-To inculcate professional, ethical and sustainable practices of textile engineering in undergraduate students.

# Bachelor of Vocation in (B.Voc.) (Textile Design \& Apparel Technology) (Semester-V) BVTD 102: Introduction Knitting Skills <br> (Practical) 

Total Period (03) Per Week

Time: 3 Hours
Practical: 37

## Instructions for the Examiners/Paper Setters:

1. Set 4 questions of which, students are required to attempt any three.
2. Two question carry equal 09 marks. One question carries 08 marks

- Knitting
- Hand knitting
- Tools, material, techniques
- Types of knitting and knitting needles, ribs, laces, cables, cross and knitted, making of knitting samples, ribs, laces, cables, cross and Purl.
- Preparation of any one article.


## Books Recommended:

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

## COURSE OUTCOMES

CO1-To impart comprehensive knowledge in textile manufacturing processes and quality assurance aspects necessary for successful career in industry and higher studies CO2-.To develops leadership and problem solving skills in graduates to make them industry ready.
CO3- To encourage the graduates for innovation and entrepreneurship in textile engineering. CO4-To inculcate professional, ethical and sustainable practices of textile engineering in undergraduate students.

# Bachelor of Vocation in (B.Voc.) (Textile Design \& Apparel Technology) (Semester-V) <br> BVTD 103: Technical Surface Designing-I <br> (Practical) 

Total Period (0+6) Per Week
Time: 3 Hours
Max.Max.Marks: 50
Practical: 37
Internal Assessment: 13
Note: Practical Paper will be set on the spot by the examiner.

## OBJECTIVES:

- Students will be able to This helps learn the art of surface ornamentation.
- Student will learn about needle craft.
- Students will enable to gain the knowledge of different embroidery techniques.
- Students will enable to learn the different painting techniques


## Practical:-

- 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, hand fabric painting, stencil printing \& block printing
- Developing two products based on techniques of Surface Ornamentation (one or more). Make samples by various Weaving techniques
> Plain Weave
> Twill Weave
> Satin Weave
$>$ Sateen Weave
$>$ Cut-Pile Weave \& Uncut- Pile Weave.


## Books Recommended:

1. Indian Embroidery -Savitri Pandit.
2. Bhatnagar, Parul - Traditional Indian Textiles.
3. Irwin and Hall Indian Embroideries, Published by S.R. Bastikar, P.B. 28,Ahmedabad.

## COURSE CONTENTS:

CO1- Students will be able to explore and bring into practice their ideas through embroidery techniques.
CO2-. Student will be able to understand the application of different embroidery to techniques to create 2D and 3D effects.

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CO3-. Students will be able to create innovative designs by combining number of stitches and by using creative raw material
CO4-. Students will be able to develop utility articles with the help of basic embroidery stitches

# Bachelor of Vocation in (B.Voc.) (Textile Design \& Apparel Technology) (Semester-V) BVTD 104: E- Designing (Practical) 

Total Period (0+6) Per Week
Time: 3 Hours
Max.Max.Marks: 50
Practical: 37
Internal Assessment: 13
Note: Practical Paper will be set on the spot by the examiner.

## OBJECTIVES:

- To understand the fashion design concepts on computer.
- To acquaint students with knowledge of CAD based application in Fashion Designing.
- Students can learn the Creating labels, Logos ,Posters Designing methods
- Students will enable to understand technological aspect by Corel Draw Software
- Students can learn faster and more software in less time but.


## Practical:-

- Designing in Corel Draw.

1. Create motifs / small designs
2. Create logos for branded companies
3. Creating labels:-
$>$ Name label
$>$ Size label
> Care label
4. Drawing fashion silhouettes using different Textile motifs in CorelDraw
5. Design the collection of any two latest National Designer
6. Design the collection of any two latest International Designer

## Books Recommended:

1. The CorelDraw Book Paperback - 14 May 1999 by Linnea Dayton (Author),Shane Hunt (Author),Sharon Steuer(Author)
2. CorelDRAW X7 User Guide - CorelCorporation
3. CorelDRAW 2018 User Guide - Corel Corporation

COURSE OUTCOMES
CO1-Students will discover how does web works really, what makes web sites work.
CO2- Simple and impressive design techniques, from basics till advanced to focus on goal oriented and $\bullet$ user centric designs.
CO3-How to and where to start research, planning for website $\&$ actually build excellent web sites.
CO4- Pro level skills in SEO with keyword research and content stratergy for your website. $\bullet$ CO5-To create web elements like buttons, banners $\&$ Bars and of course complete UI designs.

# Bachelor of Vocation in (B.Voc.) (Textile Design \& Apparel Technology) (Semester-V) <br> BVTD 105: Advance Draping \& Garment Construction <br> (Practical) 

Total Period (0+6) Per Week
Time: 3 Hours
Max.Max.Marks: 50
Practical: 37
Internal Assessment: 13
Note: Practical Paper will be set on the spot by the examiner.

## OBJECTIVES:

- Students will able to learn the basic draping techniques
- Students will familiarize with draping method for different kinds of garments
- Students will able to develop different patterns through Pattern Making
- Students will gain practical knowledge of different Skirts, Sleeves and collars
- Students will able to learn about tools and equipment of Draping.


## Practical:-

- Draping of basic skirt block

1. Front
2. Back

- Skirt variation

1. A line skirt with flair
2. Gathered skirt with yoke
3. Pleated skirt with yoke
4. Circular skirt
5. Skirt with frills,/tiers

- Collars

1. Mandarin collar
2. Peter pan collar
3. Turtleneck collar

- Basic sleeve
- Draping of pants
- Draping and stitching of any three garments with Draping


## Books Recommended:

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 HallCarrer\& Technology

## COURSE OUTCOMES:

CO1. Students will able to learn the basic draping techniques.
CO2. Students will familiarize with draping method for different kinds of garments.
CO3. Students will able to develop different patterns through Pattern Making.
CO4. Students will gain practical knowledge of different Skirts, Sleeves and collars. CO5. Students will able to learn about tools and equipment of Draping

# Bachelor of Vocation in (B.Voc.) (Textile Design \& Apparel Technology) (Semester-V) <br> BVTD 106: Advance Rendering \& Stylization <br> (Practical) 

Total Period (0+6) Per Week

Time: 3 Hours
Max.Max.Marks: 50
Practical: 37
Internal Assessment: 13
Note: Practical Paper will be set on the spot by the examiner.

## OBJECTIVES:

- Students will learn flat sketching for fashion illustration.
- Students will learn different rendering techniques
- To increase the proficiency in drawing skills
- Students will able to learn different elements of illustrations
- Students are able to execute flat drawing and design to communicate the mood and image of fashion design.


## Practical:-

1. Basic Men's Croquis and also in various poses
2. Create Traditional Prints \& Motifs -Kalamkari, Ajrak,,Paisley,Damask, Madhubani,Chintz
3. Illustrate the male and female trends by using different Prints \& motifs :-.( any 4)
$>$ Casual Wear
$>$ Traditional Wear
$>$ Party Wear
$>$ Indo western Wear
$>$ Evening Wear

## Books Recommended:

1. Abling Bina,"Fashion Sketch Book",2006 byFairchildPublication
2. StanSmith,"TheIllustrationhandbook"1984byMacdonldCo.
3. Julian Seaman," Professional Fashion Illustration" by B.T.BatsfordLtd.
4. Kathryn McKelvey" IllustratingFashion"byBlack wellScience.
5. IrelandPatrickJohn,"FashionDesignDrawingPresentation",1996B.T.BatsfordLtd

## COURSE OUTCOMES:

CO1. Students will develop an approach towards ideation.
CO 2 . Students will learn to draw fashion figures by understanding body proportions.
CO3. They will be able to drape the desired idea of their design onto the fashion figure.
CO4. They will be able to enhance their rendering skills using different colour mediums

# Bachelor of Vocation in (B.Voc.) (Textile Design \& Apparel Technology) (Semester-V) BVTD 107: Survey \& Project Report <br> (Practical) 

Total Period (06) Per Week
Time: 3 Hours
Max.Max.Marks: 50
Practical: 37
Internal Assessment: 13
Note: Practical Paper will be set on the spot by the examiner.

## OBJECTIVES:

- To gain knowledge of different fabrics and trimmings available in the market.
- To enable students to learn the sourcing of various fashion materials
- Enables the students to get the knowledge of different fabrics.
- Students will enable to learn the loom variations.


## Practical:-

## Market Survey on:-

- Handloom Fabrics
- Power loom fabrics
- Trimmings \& Notions
- Students should submit the report at the end of the semester which includes Introduction, History, Types, Objectives and Collections of different fabric swatches.


## COURSE OUTCOMES :

CO1-Students will be able to find the role of museum in their life and will be able to appreciate it existence in our society.
CO . Students will be able conduct research on crafts of India and present their research in a practical industry accepted format.
CO3. Students will build an understanding and confidence to give design solutions to the artisans for further evolution of the crafts.
CO4. Students will be able to use handicraft techniques and apply the same in their collections

# Bachelor of Vocation in (B.Voc.) (Textile Design \& Apparel Technology) (Semester System) <br> SEMESTER-VI 

| Paper | Paper Title | Theory | Practical | Internal <br> Assessment | Total <br> Marks |
| :--- | :--- | :---: | :---: | :---: | :---: |
| BVTD 36101 | Fashion Merchandising | 37 | - | 13 | 50 |
| BVTD 36102 | Eco Textiles and <br> Sustainable Clothing | 37 | - | 13 | 50 |
| BVTD 36103 | Custom made Sewing | - | 37 | 13 | 50 |
| BVTD 36104 | Portfolio Development | - | 75 | 25 | 100 |
| BVTD 36105 | Technical Surface <br> Designing-II | - | 37 | 13 | 50 |
| BVTD 36106 | Design and Display | - | 37 | 13 | 50 |
| BVTD 36107 | Internship report | - | 37 | 13 | 50 |
|  | TOTAL |  |  |  |  |

# Bachelor of Vocation in (B.Voc.) (Textile Design \& Apparel Technology) (Semester-VI) <br> BVTD 101: Fashion Merchandising (Theory) 

Total Period (Th-6) Per Week
Time: 3 Hours

Max. Marks: 50
Theory: 37
Internal Assessment: 13

Note:-Medium of Examination in English, Hindi and Punjabi Language.

## Instructions for the Examiners/Paper Setters:

4. There will be five sections.
5. Section A Carries 9 marks and is compulsory consisting of eight short answer type questions of 1.5 marks each covering the whole syllabus. The candidate will have to attempt six questions in section $A$.
6. Sections B, C, D and E will be set from unit I, II, III, \&IV respectively and will consist of two questions of 7 marks each from the respective unit. The candidates are required to attempt one question from each of these sections.

## OBJECTIVES:

- To know about Fashion merchandising
- To know the role and responsibilities of fashion merchandising
- To learn about the types of merchandising
- To know about fashion show, Exhibitions and Displays.
- To know about sales Promotion and advertising


## UNIT-I

- Introduction to Merchandising:
- Merchandising terminology - role and responsibilities of merchandiser types of merchandisers - fashion merchandiser, export merchandiser, retail merchandiser and Visual merchandiser.


## UNIT-II

- Roles of buyer and merchandiser: Rights of fashion merchandising - roles of buyer - skill set of good fashion buyer- role of fashion merchandiser - skill set of good fashion merchandiser - own label versus branded buying and merchandising-fashion buyer and merchandiser job description

UNIT-III

- 6 R"s of fashion merchandising, fashion forecasting, fashion interpretation, merchandise resource planning, and elements of planning, capacity planning, merchandising calendar, KPI measurements, buying and selling seasons in different market.

UNIT-IV

- Fashion merchandising range planning: Introduction to range planning- range plan optional plan -qualitative and quantitative aspects-range planning process

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- Fashion merchandising: Sizing, deliveries and allocation: Merchandiser supplier relationship, size curves, initial allocations-managing purchase orders and deliveries Trading: Planning versus trading, repeats and cancellations, promotional planning, end of season sale.


## BOOK REFERENCES:

1. Merchandise Buying \& Management, John Donnellan, 2001, Farechild Books
2. Kitty G. Dickerson, Inside The Fashion Business, 7th Edition, 2003 Prentice hall
3. Elaine Stone, The Dynamics of Fashion, 2004, Fairchild
4. Jay Diamond; Ellon Diamond, The World of Fashion, 2007, Fairchild.
5. Gini Stephens Frings, Fashion from Concepts to Consumer, 1982, Prentice hall
6. Tony Hines, Fashion Marketing, 2006, Butter Worth - Heinemann
7. Rosemary Varley, Retail Product Managemnet : Buying and Merchandising, 2005, Routledge
8. John Giacobello, Careers in fashion Industry, 2000, Rosel Pub. Group

## COURSE OUTCOMES:

CO1To know about Fashion merchandising CO2To know therole and responsibilities of fashion merchandising CO3To learn about the types of merchandising CO4 To know about fashion show, Exhibitions and Displays. CO5To knowabout sales Promotion and advertising

# Bachelor of Vocation in (B.Voc.) (Textile Design \& Apparel Technology) (Semester-VI) BVTD 102: Eco Textiles and Sustainable Clothing (Theory) 

Total Period (Th-6) Per Week

Max. Marks: 50
Time: 3 Hours
Theory: 37
Internal Assessment: 13

## Note:-Medium of Examination in English, Hindi and Punjabi Language.

## Instructions for the Examiners/Paper Setters:

7. There will be five sections.
8. Section A Carries 9 marks and is compulsory consisting of eight short answer type questions of $\mathbf{1 . 5}$ marks each covering the whole syllabus. The candidate will have to attempt six questions in section $A$.
9. Sections B, C, D and E will be set from unit I, II, III, \&IV respectively and will consist of two questions of 7 marks each from the respective unit. The candidates are required to attempt one question from each of these sections.

## OBJECTIVES:

- To learn about the development and maintenance of healthy and safe work environment.
- To provide education on work health and safety.
- To create awareness among students about health and safety at workplace.
- To learn how to set effective safety goals for an organization.
- To learn various prevention measures for safe work environment


## 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.

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- Ethical, standard practices for sourcing of sustainable fashion clothing and accessory.


## BOOK REFERENCES:

Grammer of Textile Design-Nisbet Structural Fabric Design By-Kilby
Fiber to Fabric By Ghosh
Watson's Advance Textiles Design.
The Textile Book by Colin Gale; jasvir Kaur Berg, 2002

## COURSE OUTCOMES:

CO1 To learn about the development and maintenance of healthy and safe work environment.
CO 2 To provide education on work health and safety.
CO 3 To create awareness among students about health and safety at workplace. CO4 To learn how to set effective safety goals for an organization.
CO5 To learn various prevention measures for safe work environment

# Bachelor of Vocation in (B.Voc.) <br> (Textile Design \& Apparel Technology) (Semester-VI) <br> Paper-BVTD 103: Custom made Sewing (Practical) 

Total Period: 10 per Week
Time: 5 Hours
Note: Paper will be set on the spot by the examiner.
Objectives:

- To gain the knowledge of client profile
- To impact knowledge about customers on order stitching
- To deal with customers
- To learn how to manage the boutique
- To gain the knowledge about measurement charts, specification sheets and cost sheet

Instructions for the Examiner

- 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 2 garments for kid, 2 for women \& 1 for men on order with specialization in any one theme given below:
- With specification sheet, customer profile, specs sheets.
> Party wear
$>$ Traditional wear
$>$ Office wear
$>$ Indo- western


## Books Recommended:

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

## COURSE OUTCOMES :

Co1. To gain the knowledge of client profile
CO2. To impact knowledge about customers on order stitching
CO3. To deal with customers
CO4. To learn how to manage the boutique
CO5. To gain the knowledge about measurement charts, specification sheets and cost sheet

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# Bachelor of Vocation in (B.Voc.) (Textile Design \& Apparel Technology) (Semester-VI) Paper-BVTD 104: Portfolio Development (Practical) 

Total Period: 10 per Week
Time: 5 Hours

Max. Marks: 100
Practical: 75
Internal Assessment: 25

Note: Paper will be set on the spot by the examiner.
Objectives:

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


## Instructions for the Examiner

- 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
- Development of different Mood boards, Story Board, swatch board.
- Theme selection and design development.
- Customer Profile
- Compile portfolio with previous best work


## Books Recommended:

1. Ireland, Patrick John, Fashion Design Drawing and Presentation, 1996, B.T. BatsfordLondon.
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.

## COURSE OUTCOMES:

Co1. To develop portfolio for different type of audiences
CO 2 . To rendering of different garments on the model with emphasis on the fabric, texture, color and style details
CO3. To learn drapability of various garment styles in a variety of fabrics stitched and draped are observed and illustrated
CO4. To provide the opportunity to demonstrate your skills and fit in a visual format CO5. To exhibit the student inclination towards and particular segment of the industry by identifying target customers, design requirements and pricing.

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# Bachelor of Vocation in (B.Voc.) <br> (Textile Design \& Apparel Technology) (Semester-VI) Paper-BVTD 105: Technical Surface Designing-II (Practical) 

Total Period: 06 per Week
Time: 4 Hours
Max. Marks: 50
Practical: 37
Internal Assessment: 13
Note: Paper will be set on the spot by the examiner.
Objectives:

- To know about the different printing methods.
- To get the knowledge about varies techniques of tie and dye.
- To learn the various methods of fabric painting
- To learn the quilting process
- To get the knowledge of embroidery stitches Instructions for the Examiner

Instructions for the Examiner

- 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 five articles from below given techniques
- Stencil Printing
- Block Printing
- Screen Printing
- Tie and Dye
- Shibori
- Applique Work
- Sequin Work


## Books Recommended:

1. Indian Embroidery-Svitri Pandit
2. Bhatnagar ,Parul-Traditional indian Textiles
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

## COURSE OUTCOMES

CO1.To know about the different printing methods.
CO2. To get the knowledge about varies techniques of tie and dye.
CO3. To learn the various methods of fabric painting
CO4. To learn the quilting process
CO5. To get the knowledge of embroidery stitches

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# Bachelor of Vocation in (B.Voc.) (Textile Design \& Apparel Technology) (Semester-VI) Paper-BVTD 106: Design and Display (Practical) 

Total Period: 06 per Week
Time: 4 Hours
Note: Paper will be set on the spot by the examiner.
Objectives:

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

Instructions for the Examiner

- 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:-

- Layout design and illustration for different kinds of design and display (any four)
- Window display for a specific store boutique or shop
- Prepare Mood board and story board and props for display


## Books Recommended:

1. Ireland, Patrick John, Fashion Design Drawing and Presentation, 1996, B.T. BatsfordLondon.
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.

## COURSE OUTCOMES:

CO1. To enable the students to organize exhibitions
CO 2 . To learn how to prepare displays.
CO3. To empower them to set up fashion boutiques

Syllabus 2021-2022/P.G Department of Fashion Designing

# Bachelor of Vocation in (B.Voc.) (Textile Design \& Apparel Technology) (Semester-VI) Paper-BVTD 107: Internship Report (Practical) 

Max. Marks: 50<br>Practical: 37<br>Internal Assessment: 13

Note: Paper will be set on the spot by the examiner.
Objectives:

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

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 ( 13 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 ( 37 marks) shall be evaluated on the basis of presentation and the assessment report received from the organization where student has under gone.
Students can do their trainings in different areas of their interest- Garment Industry, Boutique, Fashion Stylist, Designer, fashion houses, Textile Industry.

## COURSE OUTCOMES:

CO1To enhance the industrial experience during training
CO2Tounderstand develop and enhance professional awareness and communication skills. CO3To learn how to work in formal working environment and the benefits of team work. CO4 To experience to understand, discuss and evaluate the professional issues relating to textile.

## FACULTY OF SCIENCES

## SYLLABUS

FOR

## PG Diploma in Garment Construction \& Fashion Designing <br> (Semester-I, II)

Examinations: 2021-22

## KHALSA COLLEGE AMRITSAR (An Autonomous College)

Note: (i) Copy rights are reserved.
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(ii) Subject to change in the syllabi at any time. Please visit the Khalsa College website time to time.

Post Graduate Diploma in Garment Construction \& Fashion Designing (Semester System) Scheme of Studies and Examination

SEMESTER-I

| Subject | Theory | Practical | No. of <br> Per <br> Week | Duration <br> of Paper | Th/Pr <br> Marks | Internal <br> Assessment | Total <br> Marks |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Pattern Making <br> Paper-1 | - | Pr | $2 \times 3$ | 4 Hrs. | 37 | 13 | 50 |
| Fashion <br> Illustration <br> Paper-2 | - | Pr | $2 \times 3$ | 4 Hrs. | 37 | 13 | 50 |
| Garment <br> Designing <br> Paper-3 | - | Pr | $2 \times 2$ | 4 Hrs. | 37 | 13 | 50 |
| Garment <br> Construction <br> Paper-4 | - | Pr | $2 \times 4$ | 4 Hrs. | 37 | 13 | 50 |
| Fashion <br> Concepts <br> Paper-5 | Th | - | 6 | 3 Hrs | 37 | 13 | 50 |
| Workshop- <br> Surface <br> Ornamentation <br> Paper6 | - | Project | $2 \times 2$ | - | 37 | 13 | 50 |
| (Int.) <br> CAD in Fashion <br> - <br> Paper-7 | $2 \times 2$ | 3 Hrs. | 37 | 13 | 50 |  |  |

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Post Graduate Diploma in Garment Construction \& Fashion Designing (Semester System)

## SEMESTER-II

| Subject | Theory | Practical | No. of Per Week | Duration of Paper | Th/Pr <br> Marks | Internal Assessment | Total Marks |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Pattern Making Paper-1 | - | Pr | 2 x 4 | 4 Hrs. | 37 | 13 | 50 |
| Fashion Illustration Paper-2 | - | Pr | 2x3 | 4 Hrs. | 37 | 13 | 50 |
| Garment <br> Designing <br> Paper-3 | - | Pr | 2x2 | 4 Hrs. | 37 | 13 | 50 |
| Garment Construction Paper-4 | - | Pr | 2x4 | 4 Hrs. | 37 | 13 | 50 |
| Fundamentals of Textiles Paper-5 | Th | - | 6 | 3 Hrs | 37 | 13 | 50 |
| Workshop- <br> Surface <br> Ornamentation <br> Paper6 | - | Project (Int.) | $2 \times 2$ | - | 37 | 13 | 50 |
| CAD in Fashion Paper-7 | - | Pr | $2 \times 2$ | 3 Hrs. | 37 | 13 | 50 |
| Total Marks |  |  |  |  | 259 | 91 | 350 |

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# Post Graduate Diploma in Garment Construction \& Fashion Designing (Semester-I) 

## PAPER: 1

PATTERN MAKING (Practical)
Practical: 2x3 Pds/ Week
Total Marks: 50
Time: 4 Hrs
Practical: 37
Internal Assessment: 13

## INSTRUCTION FOR THE PAPER SETTER:

i) There will be two questions from section $A$ and one from section $B$
ii) Two question from section A carry equal 12 marks
iii) One question from section $B$ carry 13 marks

## OBJECTIVES:

To impart knowledge about:
i) Different aspects of pattern making.
ii) Commercial pattern making.

## UNIT - I

1. Preparation of the basic pattern for the following:
i) Childs bodice block \&sleeve block.
ii) Basic skirt block-circular, skirt with yoke.
2. Adaptation of the following sleeves:
7) Set in sleeves: Puff, Petal, and Cap sleeve.
8) Extended bodice: Magyar.
9) Part bodice in-sleeve: Saddle.
3. Adaptation of the following collars:
i) Sailor, Cape and Peter Pan collars, wing collar, mandarin

> UNIT - II
4. Developing industrial paper pattern:
i) A- Line Frock
ii) Gathered Frock

Syllabus 2021-2022/P.G Department of Fashion Designing

## COURSE OUTCOME:

CO1: Proficiency in pattern making for garments .Students will use basic pattern making principles to create design variations.
CO2: Gain ability to use pattern making for creating garments designs. Students will be able to develop patterns by using the acquired knowledge of patternmaking
CO3: Developed the skills will help students to use basic patternmaking principles to create design variations
CO4: Students will be able to apply patternmaking principles to create design variations and construct garments
CO5: To create design for different styles of Garments. . Exploring the knowledge related to different fashion components students will be able to create variety of patterns regard to sleeve and collars.

# Post Graduate Diploma in Garment Construction \& Fashion Designing (Semester-I) 

## PAPER: 2

FASHION ILLUSTRATION (Practical)
Practical: 2x3 Pds/ Week
Total Marks: 50
Time: 4 Hrs
Practical: 37
Internal Assessment: 13

## INSTRUCTION FOR THE PAPER SETTER:

i) Three questions to be set.
ii) Internal choice may be given
iii) Two question carry equal 12 marks
iv) One question carry 13 marks

## OBJECTIVES:

To enable students to understand:
i) Figure sketching.
ii) Illustration techniques for various fashion details.

1. Color wheel
i) Color schemes: Complementary, Analogous, Monochromatic, Triadic, Polychromatic, And Achromatic.
ii) Intensity and Value chart.
2. Basic block figure of kid and female
i) Fleshing of block figure.
ii) Fashion figure in different poses ( front, back, $3 / 4,1 / 4$, side)
3. Fashion details with croquies:

Gathers, Frills and Flounces, Tucks (pin, space, box, diagonal), Shirring, Smoking, Embroidery, Appliqué Work, Patch Work, Pleats.

## Books References:

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

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## COURSE OUTCOMES:

CO1: Find the human body in proportions relevant to fashion illustration
CO 2 : Select the apparel using color harmony and types of charts
CO3: Illustrate the apparel design for elements of designs.

## Post Graduate Diploma in Garment Construction \& Fashion Designing (Semester-I)

## PAPER: 3

## GARMENT DESIGNING (Practical)

Practical: 2x2 Pds/ Week
Total Marks: 50
Time of Paper: 4 Hrs
Practical: 37
Internal Assessment: 13

## INSTRUCTION FOR THE PAPER SETTER:

i) The source of inspiration will not be specified by paper setter.
ii) One question of design and layout will be set from section A .

## OBJECTIVES:

To impart knowledge about:
i) Various fashion details and designing various outfits.
ii) Various illustration techniques.
iii) Fashion design concepts.

UNIT - I

1. Designing kids wear by taking inspiration from various sources. By taking inspiration, create Story Board, Mood Board, Specification, Cost Sheets, Sourcing, Fabric Story, and Introduction
i) A-line frock.
ii) Formal wear.
iii) Night wear.
2. Prepare a scrapbook with Fashion news, designs \& pictures.

## Books References:

10) Singer Sewing Book, 1943, Mary Brooks Picken, Kessinger Publishing.
11) Measure, Cut and Sew, Holt Rinehart and Winson.1922, McMillian Publishing Company.
12) Bray N., Dress Pattern Designing, 2003 (5 $5^{\text {th }}$ edition) Willey Blackwell.
13) Pattern Making for Fashion Design by Helen Joseph Armstrong, 2005, Prentice Hall.

## COURSE OUTCOMES

CO 1: Students will be able to impart knowledge about various fashion details and designing various outfits
CO2: Students will gain knowledge about various illustration techniques
CO3: They will be able to conceptualize their ideas and amalgamation of different accessories with the garments

PAPER: 4

## GARMENT CONSTRUCTION (Practical)

Practical: 2x4 Pds/ Week
Total Marks: 50
Time of Paper: 4 Hrs
Practical: 37
Internal Assessment: 13

INSTRUCTION FOR THE PAPER SETTER:
i) Question will set from section B only.
ii) Students are allowed to use slopers for the adaptation.

## OBJECTIVES:

To impart knowledge about:
i) Various construction techniques.
ii) Applying these techniques in garment construction

UNIT - I
Making samples of:
A. Hand stitches
i. Even, uneven, diagonal tacking.
ii. Visible, invisible hemming
iii. Back stitch
iv. Blanket stitch
B. Machine seams
i. Plain seam
ii. Run ' $n$ ' fell
iii. French seam
iv. Counter seam
C. Plackets
i. Two piece
ii. One piece
iii. Zip placket
D. Pockets
i. Patch pocket
ii. Cross pocket
iii. Kurta pocket
iv. Welt pocket
v. Mechanical pocket
E. Sleeves
i. Plain
ii. Puff
iii. Petal
iv. Magyar
v. Saddle
F. Collars
i. Peter pan
ii. Cape collar
iii. Sailor collar
iv. Wing collar
v. Mandarin collar

## UNIT - II

## Construction of following garments

## A KIDS WEAR

i. A-Line
ii. Party wear
iii. Night wear
iv. Layette for infants.

## UNIT - III

## PRODUCTION SHOP

Each student will design and stitch two garments for kids by taking orders.

## Book References:

1. The Art of couture sewing by ZoyaNudelman.
2. The sewing Book ,Alison Smith
3. Sewing Techniques and Patterns, Marie - nNaelle Bayard
4. Complete Guide to Sewing , Readers Bigest
5. The ultimate sewing book, Maggi McCormick Garden

## COURSE OUTCOMES:

CO 1:Students will be able to impart knowledge about various construction techniques

CO 2 :Students will gain the understanding regarding different garment components and their construction
CO3:Students will be equipped with the knowledge and confidence to respond creatively to a design brief within the women's wear market.

# Post Graduate Diploma in Garment Construction \& Fashion Designing (Semester-I) 

## PAPER: 5

## FASHION CONCEPTS (THEORY)

Theory: 6 Pds/ Week
Time: 3 Hrs

Total Marks: 50
Theory: $\mathbf{3 7}$
Internal Assessment: 13

## Note: Medium of Examination in English Language. Instructions for the Paper Setters:

10. There will be five sections.
11. Section A Carries 9 marks and is compulsory consisting of eight short answer type questions of $\mathbf{1 . 5}$ marks each covering the whole syllabus. The candidate will have to attempt six questions in section $A$.
12. Sections B, C, D and E will be set from unit I, II, III, \&IV respectively and will consist of two questions of 7 marks each from the respective unit. The candidates are required to attempt one question from each of these sections.

## UNIT -I

- Drafting\& its importance.
- Definition: Fashion, fad, style, classic fashion, trends, mass fashion, high fashion.


## UNIT -II

- Origin of clothing.
- Theories of fashion adoption

UNIT -III

- Fashion cycle\& factors affecting it.
- Fashion forecasting.


## UNIT -IV

- Elements of design and principles related to clothing.
- Factors affecting clothing choices for different age groups.


## 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

## COURSE OUTCOMES:

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CO 1: Develop an understanding about Fashion, Fashion terminologies and Fashion forecasting CO 2 : To learn about factors affecting fashion.
CO3: To enable the students about role of social and psychological aspects

## Post Graduate Diploma in Garment Construction \& Fashion Designing (Semester-I)

PAPER: 6

## WORKSHOP: SURFACE ORNAMENTATION (PROJECT) (Int.)

Practical: 2x2 Pds/ Week
Total Marks: 50
Practical: 37
Internal Assessment: 13

## INSTRUCTION FOR THE PAPER SETTER:

There will be one question from SECTION - A (19 Marks) and one question from SECTION-B (18 marks)

## OBJECTIVES:

i) To enable the students to develop practical skills in needle craft and printing techniques.
ii) To enable the students learn methods of surface ornamentation of fabric using different techniques to produce value added products.

Practical: Students to develop one sample each for the following techniques.

## UNIT - I

## 1. NEEDLE CRAFT

i) Basic 10 stitches.
ii) Patchwork and Quilting
iii) Appliqué
iv) Smocking

## UNIT - II

## 6. DYEING AND PRINTING

Screen printing
Stencil printing
Fabric painting
Discharge printing
Tie and dye
NOTE: The above to be incorporated in the garments.
References:

1. NaikShailaja, "Traditional Embroideries of India", APH Publishing Corporation, New Delhi, 1996.
2. Snook Barbara, "Creative Art of Embroidery", Numbley Pub. Group Ltd., London, 1972.
3. Mathew Anne, "Vogue Dictionary of Crochet Stitches", David and Charles, London 1989.
4. Anand M.R., "Textiles and Embroideries of India", Marg Publications, Bombay, 1965.

## COURSE OUTCOMES:

CO1: It enables students to know about different embellishments
CO2: It helps students to know about different types of embroideries
CO3: it imparts students with knowledge of various stitches and embroideries
CO4: It helps students to know about various traditional printing methods
CO5: It helps impart knowledge about methods of various traditional textiles

## Post Graduate Diploma in Garment Construction \& Fashion Designing (Semester-I) PAPER-7 <br> CAD IN FASHION (PRACTICAL)

Practical: 2X2 Pds/Week
Time: 3hrs
Instruction for the paper setter:
i) Question paper will have one question from Section B
ii) Each question will carry equal marks.

## OBJECTIVES:

To impart knowledge about:
i) Corel draw and Photo paint.
ii) CAD based application in fashion designing.

## UNIT - I

i) Introduction to computers.
ii) Using internet.

## UNIT - II

## Corel Draw

i) Study tools in detail.
ii) Create a composition: Geometrical, Abstract.
iii) Create prints: Traditional, Nursery, Floral.
iv) Create texture: Denim, Leather, Corduroy, Net.
v) Draw three profiles of female figure (front, back, $3 / 4$ th).

## Book References:

1. Veisinet DD, "Computer Aided Drafting and Design - Concept and Application’, 1987.
2. Taylor P, "Computers in the Fashion Industry", Heinemann Pub., 1990.
3. Winfred Aldrich, "CAD in Clothing and Textiles", Blackwell Science 1994.

## COURSE OUTCOMES:

CO 1:Students will be able to understand the fashion design concepts on computer.
CO2:Students will gain knowledge about different themes required in the field of fashion.
CO3:Students will be able to make designs digitally in Coral Draw and Adobe Photoshop CO4:To develop and conceptualize their designs and creations.

PAPER-1
PATTERN MAKING (Practical)
Practical: 2x4 Pds/ Week
Time for Paper: 4 Hrs

Total Marks: 50
Practical: 37
Internal Assessment: 13

## INSTRUCTION FOR THE PAPER SETTER:

i) Use of basic slopers are allowed
ii) There will be one question from section A carry (10 marks) and three questions from section $B \& C$ carry equal ( 9 marks).

## OBJECTIVES:

## To impart knowledge about:

i) Different aspects of pattern making.
ii) Dart manipulation and Draping.
iii) Commercial pattern making.

UNIT - I

1. Preparation of the basic pattern for the following:
i) Female bodice block \& sleeve block.
ii) Basic skirt block. Pegged skirt, Gored skirt, circular
2. Adaptation of the following sleeve:
i) Set in -sleeves: Leg 'o' mutton, Lantern, Cowl, Dolman, Bishop.
ii) Extended bodice: Kimono, Drop Shoulder.
iii) Part bodice in -sleeve: Raglan, Saddle.
3. Adaptation of the following collars:
i) Stand \& Fall, Mandarin, Convertible, Shawl.
ii) Cowl and Built Up Neckline

UNIT - II
4. Dart manipulation by:
i) Slash and Spread Method.
ii) Pivot Method.
5. Dart manipulation into:
i) Single dart series.
ii) Two dart series.
iii) Multiple dart series.
iv) Princess and Empire line.

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v) Yokes.

## UNIT - III

6. Introduction to draping:
i) Basic block- front \& back.
ii) Skirt-front \& back
iii) Bodice variation: princess line, cowl neck line.

## UNIT - IV

7. Developing theme based industrial paper pattern:
i) Salwaar Kameez
ii) Trousers

## Books Recommended:

## Essential Readings:

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.

Further Readings:
4. Gale Grigg Hazen, Fantastic Fit for Every Body, 1998, Published by Rodale Press
5. Pati Palmer and Marta Alto Palmer, Fit for real People, 1998.,Pletsch Inc.,
6. Kathleen Maggio, Altered Clothing.
7. Pati Palmer and Susan Pletsch, Easy, Easier, Easiest Tailoring,; 2000., Published by Palmer/ Pletsch Inc.

## COURSE OUTCOMES:

CO 1: Proficiency in pattern making for garments .Students will use basic pattern making principles to create design variations.
CO2: Gain ability to use pattern making for creating garments designs. Students will be able to develop patterns by using the acquired knowledge of patternmaking
CO3: Developed the skills will help students to use basic patternmaking principles to create design variations
CO4:Students will be able to apply patternmaking principles to create design variations and construct garments.
CO5:To create design for different styles of Garments. . Exploring the knowledge related to different fashion components students will be able to create variety of patterns regard to sleeve and collars

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## Post Graduate Diploma in Garment Construction \& Fashion Designing (Semester-II)

## PAPER: 2

## FASHION ILLUSTRATION (Practical)

## Practical: 2x3 Pds/ Week

Total Marks: 50
Time for Paper: 4 Hrs
Practical: 37
Internal Assessment: 13

## INSTRUCTION FOR THE PAPER SETTERS:

i) Three questions to be set.
ii) There will be two questions carry equal ( 12 marks) and one question carry ( 13 marks).
iii) Internal choice may be given in all the questions

## OBJECTIVES:

To enable students to understand:
i) Figure sketching.
ii) Illustration techniques for various garment details.

1. Fashion Figures:- Male/Female
2. Creating different fabric texture using different color medium and techniques: Denim, Nets, Chiffon, Velvet, Fur, Corduroy, Satin.
3. Illustration of figure with dresses:

Casual wear, Sportswear, Beach wear, Night wear, Party wear, Bridal wear, Ethnic wear, Western wear.
3. Designing jewellery for casual and formal wear.
( 3 sheets each)
4. Accessories- Shoes, Bags, Purses, Belts, Hats.
( 3 sheets each)

## COURSE OUTCOMES:

CO1: Find the human body in proportions relevant to fashion illustration
CO2: Select the apparel using color harmony and types of charts
CO3: Illustrate the apparel design for elements of designs

## Post Graduate Diploma in Garment Construction \& Fashion Designing (Semester-II)

## PAPER: 3

## GARMENT DESIGNING (Practical)

Practical: 2x2 Pds/ Week
Total Marks: 50
Time: 4 Hrs
Practical: 37
Internal Assessment: 13

## INSTRUCTION FOR THE PAPER SETTER:

i) The source of inspiration will not be specified by paper setter.
ii) One question of design and layout will be set.

## OBJECTIVES:

To impart knowledge about:
i) Various fashion details and designing various outfits.
ii) Various illustration techniques.
iii) Fashion design concepts.

UNIT - I

1. Designing women wear by taking inspiration from various sources: Style read the design, suggest the suitable fabric and layout.
i) Salwarkameez.
ii) Sari blouse.
iii) Ethnic wear
iv) Western wear (formal)
vi) Trousers
vii) Sports wear
2. Prepare a scrapbook with Fashion news, designs \& pictures. Books References:
14) Singer Sewing Book, 1943, Mary Brooks Picken, Kessinger Publishing.
15) Measure, Cut and Sew, Holt Rinehart and Winson.1922, McMillian Publishing Company.
16) Bray N., Dress Pattern Designing, 2003 ( $5^{\text {th }}$ edition) Willey Blackwell.
17) Pattern Making for Fashion Design by Helen Joseph Armstrong, 2005, Prentice Hall.

## COURSE OUTCOMES:

CO 1: Students will be able to impart knowledge about various fashion details and designing various outfits

CO : Students will gain knowledge about various illustration techniques
CO3: They will be able to conceptualize their ideas and amalgamation of different accessories with the garments

Post Graduate Diploma in Garment Construction \& Fashion Designing (Semester-II)

## PAPER: 4 <br> GARMENT CONSTRUCTION (Practical)

Practical: 2x4 Pds/ Week
Total Marks: 50
Time of Paper: 4 Hrs
Practical: 37
Internal Assessment: 13

## INSTRUCTION FOR THE PAPER SETTER:

i) Question will set from section A only.
ii) Students are allowed to use slopers for the adaptation.

## OBJECTIVES:

To impart knowledge about:
i) Various construction techniques.
ii) Applying these techniques in garment construction

## UNIT - I

## Construction of following garments

## A. WOMEN WEAR

i. Salwar-kameez
ii. Sari blouse
iii. Ethnic wear
vi. Western wear
v. Trousers

## UNIT - II

## PRODUCTION SHOP

4. Each student will design and stitch 2garments by taking orders.
5. An exhibition will be held of all garments, stitched.

## Book References:

1. The Art of couture sewing by ZoyaNudelman.
2. The sewing Book, Alison Smith
3. Sewing Techniques and Patterns, Marie - nacelle Bayard
4. Complete Guide to Sewing, Readers Biggest
5. The ultimate sewing book, Maggi McCormick Garden

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## COURSE OUTCOMES:

CO 1:Students will be able to impart knowledge about various construction techniques CO 2 :Students will gain the understanding regarding different garment components and their construction
CO3:Students will be equipped with the knowledge and confidence to respond creatively to a design brief within the women's wear market.

## PAPER: 5

## FUNDAMENTALS OF TEXTILE (THEORY)

Practical: 6Pds/ Week
Time of Paper: 3 Hrs
Note: Medium of Examination in English Language. INSTRUCTION FOR THE PAPER SETTER:

1. There will be five sections.
2. Section A Carries 9 marks and is compulsory consisting of eight short answer type questions of $\mathbf{1 . 5}$ marks each covering the whole syllabus. The candidate will have to attempt six questions in section $A$.
3. Sections B, C, D and $E$ will be set from unit I, II, III, \&IV respectively and will consist of two questions of 7 marks each from the respective unit. The candidates are required to attempt one question from each of these sections.

## OBJECTIVES:

To impart knowledge about:
i) Fiber, source of fibers, their definition \& properties.
ii) Fabric properties.
UNIT - I

- Introduction to textile and its importance in fashion design.
- Classification of textile fiber (Tabular form)


## UNIT -II

- Textile fibers: properties \& manufacture of
(a) Natural: Cotton, Linen, Silk, Wool.
(b) Man-made: Acetate, Nylon, Spandex

UNIT -III

- Classification of yarns
(a) Simple
(b) Novelty
(c) Bulk.

Fabric construction
(a) Felting, (b) Bonding, (c) Knotting, (d) Looping, (e) Weaving.

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## UNIT -IV

- Traditional fabrics of different states of India.
a) Kashmir-shawls
b) Bengal-baluchar,jamdani
c) UP -brocades
d) Gujrat- patola
e) Rajesthan-bandhani
f) Andhra Pradesh-pocchampali/kalamkari
g) Madhya Pradesh-Chanderi.


## * Visit to fashion house/Export house/Boutique/Textile industry is compulsory.

## Book References:

1. AditiRanjan "Handmade in India: A Geographic Encyclopedia of India Handicrafts"
2. RtaKapurChishti "Handcrafted Indian Textiles"
3. Sheila Paine "Embroidered Textiles: Traditional Patterns from Five Continents" 1995

## 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. Isabel, B. Wingate Textile Fabrics and their Selection, (1976) Prentice- Hall Inc., Engle Wood Cliffs, N.J.
4. Katarine Paddock, Textile Fibres and their Use-Sixth edition, (1954) -Oxford \& IBH Publishing Co.,Calcutta, Bombay, New Delhi.
5. Dorothy Siegert Lyle, Modern Textiles - (1971) Jonh Wiley and Sons Inc., New York, London, Sydney, Toronto.
6. KanwarVarinder Pal Singh, Introduction to Textile, Kalyani Publisher

## COURSE OUTCOMES:

CO1: It facilitates amongst students an intelligent appraisal of standards and brands of merchandise CO2: It enables students to develop the ability to distinguish quality in fabrics.
C03: A study of Textiles will show, for example why certain fabrics are more durable and therefore more serviceable for specific purpose
C04: The students will get idea about how to buy and what to buy.
CO5: It will explain why certain fabrics make cool wearing apparel.

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# Post Graduate Diploma in Garment Construction \& Fashion Designing (Semester-II PAPER: 6 

## WORKSHOP: SURFACE ORNAMENTATION (PROJECT) (Int.)

Practical: 2x2 Pds/ Week
Total Marks: 50
Practical: 37
Internal Assessment: 13

## INSTRUCTION FOR THE PAPER SETTER:

There will be one question from SECTION - A (19 Marks) and one question from SECTION- B (18 marks)

## OBJECTIVES:

i) To enable the students to develop practical skills in needle craft and printing techniques.
ii) To enable the students learn methods of surface ornamentation of fabric using different techniques to produce value added products.
Practical: Students to develop one sample each for the following techniques.

## UNIT -I

## 4. TRADITIONAL EMBROIDERIES

i) Phulkari,
ii) Kantha
iii) Kashmiri
iv Chikankari
iv) Kathiawar
v) Chamba Rumal
vi) Kasuti

UNIT -II

## 5. DYEING AND PRINTING

12. Tie \& Dye
13. Batik
14. Block printing
15. Incorporate at least one technique in a garment

## Book References:

1. AditiRanjan "Handmade in India: A Geographic Encyclopedia of India Handicrafts"
2. RtaKapurChishti "Handcrafted Indian Textiles"
3. Sheila Paine "Embroidered Textiles: Traditional Patterns from Five Continents" 1995

## COURSE OUTCOMES:

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CO1: It enables students to know about different embellishments
CO2: It helps students to know about different types of embroideries
CO3: it imparts students with knowledge of various stitches and embroideries
CO4: It helps students to know about various traditional printing methods
CO5: It helps impart knowledge about methods of various traditional textiles

## PAPER: 7

## CAD IN FASHION (PRACTICAL)

Practical: 2x2 Pds/ Week
Total Marks: 50
Time: 3 Hrs
Practical: 37
Internal Assessment: 13

## INSTRUCTION FOR THE PAPER SETTER:

i) One question will be set from each unit
ii) There will be one question from SECTION A (19 Marks) and one question from SECTION B (18 marks)

## OBJECTIVES:

To impart knowledge about:
i) Corel draw and Photo paint.
ii) CAD based application in fashion designing.

## UNIT - I

## COREL DRAW

Design ten sheets of female wear; working on different activities. (casual, sporty, ethnic, western, executive, night, formal, gown.)

## UNIT - II

## PHOTOPAINT

i) Study tools in detail.
ii) Draping simulation.

## COURSE OUTCOMES:

CO 1: Students will be able to understand the fashion design concepts on computer.
CO2: Students will gain knowledge about different themes required in the field of fashion.
CO3: Students will be able to make designs digitally in Coral Draw and Adobe Photoshop
CO4: To develop and conceptualize their designs and creations

## FACULTY OF SCIENCES

SYLLABUS

FOR

# DIPLOMA COURSE IN COSMETOLOGY 

## FULL TIME (ONE YEAR)

(SEMESTER I-II)
Examinations: 2021-22

## KHALSA COLLEGE AMRITSAR (An Autonomous College)

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## DIPLOMA COURSE IN COSMETOLOGY FULL TIME (ONE YEAR)

## SEMESTER - I

| PAPER | Subject | Marks |  |  |  |  |  |
| :--- | :--- | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Theory | Internal | Practical | Total |  |  |
| I | (Theory) | 37 | 13 | - | 50 |  |  |
| II | (Theory) | 37 | 13 | - | 50 |  |  |
| III | (Practical) | - | 13 | 37 | 50 |  |  |
| IV | (Practical) | - | 13 | 37 | 50 |  |  |
| TOTAL |  |  |  |  |  |  | $\mathbf{2 0 0}$ |

SEMESTER - II

| PAPER | Subject | Marks |  |  |  |
| :--- | :--- | :---: | :---: | :---: | :---: |
|  |  | Theory | Internal | Practical | Total |
| I | (Theory) | 37 | 13 | - | 50 |
| II | (Theory) | 37 | 13 | - | 50 |
| III | (Practical) | - | 13 | 37 | 50 |
| IV | (Practical) | - | 13 | 37 | 50 |
| TOTAL |  |  |  |  |  |

# DIPLOMA COURSE IN COSMETOLOGY (SEMESTER-I) ONE YEAR (FULL TIME) 

PAPER 1- THEORY

Theory: 6 Pds/ Week
Time: 3 Hrs

Total Marks: 50
Theory: 37
Internal Assessment: 13

Note: Medium of Examination in English, Hindi, Punjabi language. Instructions for the Examiners/Paper Setters:
13. There will be five sections.
14. Section A Carries 9 marks and is compulsory consisting of eight short answer type questions of 1.5 marks each covering the whole syllabus. The candidate will have to attempt six questions in section $A$.
15. Sections B, C, D and E will be set from unit I, II, III, \&IV respectively and will consist of two questions of 7 marks each from the respective unit. The candidates are required to attempt one question from each of these sections.

## THEORY: <br> UNIT - I

1. COSMETOLOGY

- Aims and objectives
- Importance

2. PERSONAL GROOMIMG

- Care of yourself: - Mouth, Teeth, Eyes, Ears, Feet, Removing body hair, Nails and hand Care, Care of clothing
- Visual poise: - Standing, Sitting and Walking
- Basic table manners.
- How to get into a car
- How to carry accessories.
- Wardrobe Planning


## UNIT- II

3. SKIN

- Structure of skin.
- Function of skin
- Common skin problems( acne, pigmentation, wrinkles, black heads)
- Skin types and skin analysis
- Describe the melanin


## UNIT-III

## 4. FACIALS:-

- Benefits of massage
- Massage methods
- Massaging techniques
- Plain facial
- Facial treatment of acne, pigmentation, wrinkles, black heads removing with natural herbs/ingredients.


## UNIT - IV

## 5. BASIC MAKE-UP STEPS:-

- Base Make-up
- Base Make-up According to day/night
- Facial shape analysis
- Casual and formal Make-up
- Make-up according to weather, occasion and with matching dress HAIR REMOVING METHOD:-
- Waxing
- Threading/tweezing.
- Bleaching.


## COURSE OUTCOMES:

- Students can demonstrate different skin treatments .
- Students can give treatments on pigmentation of skin.
- Students will have knowledge of basic etiquettes of beautician.
- Students will learn different grooming so that they do grooming of necks, eyes, nose, ear and body so that they can enhance their personality


# DIPLOMA COURSE IN COSMETOLOGY (SEMESTER-I) ONE YEAR (FULL TIME) 

## PAPER 2- THEORY

Theory: 6 Pds/ Week
Total Marks: 50
Time: 3 Hrs
Internal Assessment: 13
Note: Medium of Examination in English, Hindi, Punjabi language. Instructions for the Examiners/Paper Setters:

1. There will be five sections.
2. Section A Carries 9 marks and is compulsory consisting of eight short answer type questions of $\mathbf{1 . 5}$ marks each covering the whole syllabus. The candidate will have to attempt six questions in section $A$.
3. Sections B, C, D and E will be set from unit I, II, III, \&IV respectively and will consist of two questions of 7 marks each from the respective unit. The candidates are required to attempt one question from each of these sections.

## OBJECTIVES:-

To create awareness about body Fitness with Yoga
To impart knowledge about Hair and Hair Shaping

## THEORY <br> UNIT-I

1. YOGA:-
(a) Benefits of yoga, Rules of yoga.
(b) Benefits of aerobics.

## UNIT-II

2. YOGA ASANS:-
(a) Shav asana
(f) Dhanur asana
(b) Gomukh asana
(g) Chakar asana
(c) Vajar asana
(h) Tar asana
(d) Bhujang asana
(i) Pashchimottan asana
(e) Hala asana
(J) Pawan mukt asana

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## UNIT-III

## 3. HAIR:-

(a) Structure of hair.
(b) Hair disorders (Dandruff, Aleopecia, Hair fall. White hair, Head lice).
(c) Hair growth and replacement.

## UNIT-IV

## 4. HAIR SHAPING WITH HAIR CUT:-

(a) Sectioning of hair.
(b) Preparation of hair cut.
(c) Technique of hair cut.
(d) Basic hair cut like trimming. U-cut, V-cut, feather cut, Layers and razor cut.

## EQUIPMENT SANITIZING BRUSHES, COMBS

## COURSE OUTCOMES:

- Students will have knowledge of HairStructure and types of hair , different hair_treatments such as applying hair shampoo,conditioner, chemicals and mehandi.
- Students will learn different hair cut and different hair style.


# DIPLOMA COURSE IN COSMETOLOGY <br> (SEMESTER-I) ONE YEAR (FULL TIME) 

## PAPER 3- PRACTICAL

Theory: 6 Pds/ Week
Time: 3 Hrs

Total Marks: 50
Practical: 37
Internal Assessment: 13

## Instruction for paper setter/examiner

- Paper will be set jointly by the Internal and External examiner on the spot.


## Practical

## 1. MASSAGE:-

(a) Benefits of massage.
(b) Massage methods.
(c) Massaging techniques

## 2. FACIAL:-

(a) Preparation of facial
(b) Skin analysis
(c) Plain facial
(d) Different facial for different skin type and different skin problems:-

- Black head removing.
- Application of thermo pack.
(e) Facial with natural herbs and ingredients.
(f) Treatment of acne, pigmentation, wrinkles.
(g) Vegetable peeling.


## 3. REMOVING BODY HAIR:-

(a) Waxing, Tweezing , Threading.
(b) Use of chemical applicators.
(c) Bleaching.
4. MAKE-UP:-

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(a) Analysis of facial shape.
(b) Base make-up according to day/night, weather, and occasion according to dress.
(c) Casual and formal make-up.
(d) How to choose correct make-up
(e) Applications of different type of base make-up.

## 5. MEHNDI:-

(a) Arabian mehndi
(b) Simple mehndi
(c) Bridal mehndi.

## COURSE OUTCOMES:

CO1-Students will learn basic facial steps.
CO2-Students can demonstrate different practical of facial.
CO3 Students will study standard measurements of eyebrows, color co-ordination for different advance make-ups such as basic, professional and corrective make-ups.
CO4 Students will gain knowledge of different make-ups and preparation for make-ups such as vanity set up which include techniques to setup vanity by using different equipments.

# DIPLOMA COURSE IN COSMETOLOGY <br> (SEMESTER-I) ONE YEAR (FULL TIME) 

## PAPER 4- PRACTICAL

Theory: 6 Pds/ Week
Time: 3 Hrs

Total Marks: 50
Practical: 37
Internal Assessment: 13

## Instruction for paper setter/examiner

- Paper will be set jointly by the Internal and External examiner on the spot.


## Practical

## 1. YOGA ASAN

(a) Shav asan
(f) Dhanur asana
(b) Gomukh asana
(g) Chakar asana
(c) Vajar asana
(h) Tar asana
(d) Bhujang asana
(i) Paschimottan asana
(e) Hala asana
(j) Pawan mukt asana
2. HAIR CARE
(a)Shampooing- Procedure, types of shampoo.
(b) Scientific brushing on wet hair.
3. SCALP TREATMENT, APPLYING MASK, CONDITIONERS.
(a) Scientific brushing on different types of hair.
(b) Scalp manipulation
(c) Scalp treatment (lice, hair treatment)
(d) Dandruff Treatment
(e) Removing of split ends
4. HAIR SHAPING
(a) Blow Dryer
(b) Temporary Straightening
(c) Crimping
(d) Different Style of Hair Curls
5. USE OF SPRAY, GEL, MOUSSE, VOLUMIZERS ETC.
6. HAIR CUTS:-
(a) Hair Sectioning (Basic)
(b) Hair Sectioning acc. to different basic haircuts.
(c) Preparation of hair cut.
(d) Basic hair cut like trimming, U-cut, V-cut, feather cut, layers and razor cut.

## COURSE OUTCOMES:

CO1- Students will analyze different hair structures and hair treatments such as applying hair shampoo, conditioner and chemicals.
CO2- Students can demonstrate practical of different hair cuttings and hair styles

# DIPLOMA COURSE IN COSMETOLOGY (SEMESTER-II) ONE YEAR (FULL TIME) 

## PAPER 1- THEORY

Theory: 6 Pds/ Week
Total Marks: 50
Theory: 37
Internal Assessment: 13
Time: 3 Hrs

Note: Medium of Examination in English, Hindi, Punjabi language.
Instructions for the Examiners/Paper Setters:

- There will be five sections.
- Section A Carries 9 marks and is compulsory consisting of eight short answer type questions of $\mathbf{1 . 5}$ marks each covering the whole syllabus. The candidate will have to attempt six questions in section $A$.
- Sections B, C, D and E will be set from unit I, II, III, \&IV respectively and will consist of two questions of 7 marks each from the respective unit. The candidates are required to attempt one question from each of these sections.

OBJECTIVES

- To impart knowledge about Hand Care \& Make-up


## THEORY:

UNIT-I

1. NAILS: -
(a) Structure of nails.
(b) Disorders and diseases of nails.
(c) Nail spa.
(d) Nail art.

## UNIT-II

2. EYES: -
(a) Care of eyes.
(b) Exercise of eyes.
(c) Eye brow shaping.
(d) Different type of make-up(dramatic make-up, smoky make-up, winged make-up)
(e) Applications of fake eye lashes.
(f) Eye treatment with home remedies.

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## UNIT-III

3. CARE OF HAND AND FEET: -
(a) Method of Pedicure and Manicure.

## UNIT-IV

## 4. MAKE-UP: -

(a) Art of camouflage, Products and application.
(b) Engagement make-up.
(c) Bridal make-up.
(d) Correct make-up of eyes, nose, cheeks, jaw line, lip line.
(e) Reception make-up.
(f) Dupatta Setting.
(g) Sari Drapping.

## COURSE OUTCOMES:

CO1-Students will study standard measurements of eyebrows, color co-ordination for Different advance make-ups such as basic, professional and corrective make-ups. CO2-Students will gain knowledge of different make-ups and preparation for make-ups such as vanity set up which include techniques to setup vanity by using different enhanced equipments

# DIPLOMA COURSE IN COSMETOLOGY (SEMESTER-II) ONE YEAR (FULL TIME) 

## PAPER 2- THEORY

Theory: 6 Pds/ Week
Total Marks: 50
Time: 3 Hrs
Theory: 37
Internal Assessment: 13
Note: Medium of Examination in English, Hindi, Punjabi language.
Instructions for the Examiners/Paper Setters:

- There will be five sections.
- Section A Carries 9 marks and is compulsory consisting of eight short answer type questions of $\mathbf{1 . 5}$ marks each covering the whole syllabus. The candidate will have to attempt six questions in section $A$.
- Sections B, C, D and E will be set from unit I, II, III, \&IV respectively and will consist of two questions of 7 marks each from the respective unit. The candidates are required to attempt one question from each of these sections.

OBJECTIVES

- Value of Nutrition \& Colours
- To impart knowledge about Advance Techniques \& Salon Management


## THEORY:

UNIT-I

## 1. NUTRITION:-

- Rule of nutrition: Protein, Carbohydrates, Fats, Minerals, Vitamin A, B, C, B- Complex, B3 and their food sources.
- Basic five food groups.


## UNIT-II

## 2. HAIR COLORING:-

- Globle coloring.
- Hair streaking.
- Method of color mixing.
- Method of color applications.
- Color cutting.
- Heena applications.


## UNIT-III

3. HEAD MASSAGE:-

- Technique of head massage.

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- Hair problem treatments with natural masks and packs.


## 4. HAIR REPAIR TREATMENT AFTER THE USE OF CHEMICALS:-

- Hair Spa.
- Deep Conditioning.
- Hair Polishing.


## UNIT-IV

5. USE OF ADVANCED TECHNIQUES ON THE HAIR:-

- Rebonding
- Perming.

6. SALON MANAGEMENT:-

- Qualities and duties of salon management.
- Common equipments used in salon.
- Planning and layout of salon.


## COURSE OUTCOMES:

CO1 -Students will learn basic steps of massage.
CO2-Students can demonstrate different massage on body
CO3 -Students will have knowledge of making and applying masks and pack such as Facial Mask and Head Massage Pack.
CO4-Students will study different type of mask and cosmetics.

# DIPLOMA COURSE IN COSMETOLOGY (SEMESTER-II) ONE YEAR (FULL TIME) 

PAPER - PRACTICAL

Theory: 6 Pds/ Week
Total Marks: 50
Time: 3 Hrs
Practical: 37
Internal Assessment: 13

## Instruction for paper setter/examiner

- Paper will be set jointly by the Internal and External examiner on the spot.


## Practical

1. NAILS CARE:-
(a) Manicure.
(b) Hot oil manicure.
(c) Nail art.
(d) Pedicure.
(e) French manicure.
(f) Artificial nails.
(g) Nail mending.
2. EYE CARE AND EYE MAKE-UP:-
(a)Eye exercise, eye treatments.
(b) Eye brow shaping.
(c) Simple eye make-up.
(d) Fashion eye make-up:- Dramatic, smoky eye, winged eye make-up.
(e) Applications of fake eye lashes.
3. SKIN TREATMENTS WITH GALVANIC AND HIGH FREQUENCY.
4. PROFESSIONAL MAKE-UP.
5. FULL MAKE-UP ACCORDING TO WEDDING FUNCTION:-
(a) Engagement make-up.
(b) Bridal make-up.
(c) Reception make-up.
6. CORRECTIVE MAKE-UP OF:-
(a) Eyes, Nose, Cheeks, Jaw line, Lip line.
(b) Dupatta setting.
(c) Sari drapping.

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## COURSE OUTCOMES:

- CO1-Students will analyzes various types of mask and cosmetics.
- CO2-Students can demonstrate practical of preparing of facial mask pack and steps for Applying the pack as per requirement of skin
- CO3-Students will study standard measurements of eyebrows, color co-ordination for Different advance Make-up such as basic professional and corrective make-up
- CO4-Students will be able to apply different advance hair cut and hair styles.
- CO5Students can enhance their hairs using broaches, hair coloring, hair priming, straightening and setting


# DIPLOMA COURSE IN COSMETOLOGY (SEMESTER-II) ONE YEAR (FULL TIME) 

## PAPER - 4(PRACTICAL)

Theory: 6 Pds/ Week
Time: 3 Hrs

Total Marks: 50
Practical: 37
Internal Assessment: 13

## Instruction for paper setter/examiner

- Paper will be set jointly by the Internal and External examiner on the spot.


## Practical

## 1. HAIR COLORING:-

1.(a) Globle coloring.
(b) Hair streaking.
(c) Method of color mixing.
(d) Method of color applications.
(e) Method of Color cutting.
(h) Heena applications.
(i) Preparation of hair coloring.
2. Application of temporary, permanent, semi-permanent color.
2. HAIR DESIGNING:-
(a) Different types of plait (at least any five).
(b) Buns with stuffies and without stuffies.
3. SCALP MASSAGE, BODY MASSAGE.
4. HAIR CARE:-
(a) Hair spa.
(b) Hair polishing.
5. REBONDING

## 6. PERMING

## 7. ADVANCED HAIR CUTTS

8. PLANNING OF A SALON ON A PAPER.

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## COURSE OUTCOMES:

CO1. Students will have knowledge of Hair Structure and types of hair, different hair
Treatments such as applying hair shampoo, conditioner, chemicals and mehandi.
CO 2 . Students will learn different hair cut and different hair style.

