FACULTY OF SCIENCE

SYLLABI

FOR

B.SC. FASHION DESIGNING
1st & 2nd SEMESTER, 3rd & 4th SEMESTER
& 3rd YEAR

EXAMINATIONS 2015-2016

--:O:--
B.Sc. (Fashion Designing)
Semester – I

<table>
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<tr>
<th>Sr. No</th>
<th>Subject</th>
<th>Credit Hours</th>
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1. BASICS OF DESIGN AND ILLUSTRATION I – Theory and Practical
2. TRADITIONAL TEXTILES I - Theory and Practical
3. GARMENT CONSTRUCTION I - Theory and Practical
4. TEXTILE SCIENCE I – Theory and Practical
5. FABRIC CONSTRUCTION I - Theory and Practical
6. BASICS OF COMPUTER SKILLS - Practical
7. ENGLISH I – Theory
8. HCP /PUNJABI I - Theory

IMPORTANT NOTE:
The issue regarding the Semester in which the students are to be appear in the compulsory qualifying paper of ‘Environment & Road Safety Education’ is under consideration and the sorted matter will be uploaded in due course.
SEMESTER - I

BASICS OF DESIGN AND ILLUSTRATION-I

THEORY

OBJECTIVES:
• To help students to understand design fundamentals, elements and principles of design.
• To understand the fashion design concepts.
• To understand illustration techniques and colour theories.

Time: 3 pds/week

Total Marks: 50
Exam: 40
Int. Ass. : 10
Time : 3 Hrs.

UNIT-I

1. Study and application of the following to fashion designing:
   • Design- definition and its types.
   • Elements of art :- line and its types, form, colour and its dimensions (hue, value, intensity), colour schemes and texture.

UNIT-II

2. Principles of design- harmony, proportion, balance, rhythm, emphasis.
3. Optical illusions created through elements of art and principles of design.

UNIT-III


UNIT-IV

5. Fashion accessories- introduction and illustration of headgears, foot wears, bows, ties, belts, handbags, gloves, jewelry.

Sessional work-

Sessional work will be based on above mentioned topics

Instructions for paper setters

1. There will be total nine questions carrying equal marks.
2. Two questions from each unit and one compulsory question covering all the units.
3. Five questions will be attempted in all. Question No. 1 will be compulsory carrying short answer type questions, fill in the blanks or true/false.
BASICS OF DESIGN AND ILLUSTRATION-I

PRACTICAL

OBJECTIVES:
• To help students to understand design fundamentals, elements and principles of design.
• To understand the fashion design concepts.
• To understand illustration techniques and colour theories.

Time: 2pds/week

Total Marks: 50

Exam: 40

Int. Ass.: 10

Time: 3 Hrs.

1. Introduction to art media and its applications- different art media- pencils, erasers, colours poster, fabric, water, pencil, oil pastels, charcoal pencils.

2. Free hand drawing and shading (one for each category)
   • Natural
   • Realistic
   • Geometrical
   • Stylized
   • Abstract
   • Landscapes

3. Elements of art
   • Line
   • Form
   • Colour
   • Texture

4. Principles of design
   • Harmony
   • Proportion
   • Balance
   • Rhythm
   • Emphasis

Instructions for paper setters

1. There will be four questions in all.
2. All questions carry equal marks.

References:
• Gold Stein, “Art in Every day life”, IBH Publishing Co, Calcutta, 1992
• Elizabeth Drudi, T Pack, “Figure Drawing for Fashion”, The Pepin Press
• Abling Bina, “Fashion Sketch Book”
TRADITIONAL TEXTILES-I

THEORY

OBJECTIVES:

- To impart knowledge of traditional designs and motifs of textiles
- To introduce application of these motifs on different textiles.

Time: 3 pds/week                                                                                           Total Marks: 50
Exam: 40
Int. Ass. : 10
Time:3 hrs.

UNIT-I

Traditional Textiles of India
1. Resist dyed textiles-
   - Patola of Gujarat
   - Ikat of Orissa
   - Pochampalli of Andhra Pradesh
   - Mashru
   - Telia rumal

UNIT-II

2. Block Printed Textiles
   - Sanganeri
   - Bagru
   - Ajrakh

3. Painted textiles- Kalamkari
4. Bandhani of Gujarat and Rajasthan
5. Batik

UNIT-III

Traditional embroideries of India

(With special emphasis on history, motifs, stitches, threads, fabrics and colours used)

- Phulkari of Panjab
- Bagh embroidery of Panjab
- Kasuti of Karnataka

UNIT-IV

- Kutch embroidery of Gujrat
- Sindh and Kathiawar embroidery
- Manipuri embroidery
TRADITIONAL TEXTILES -I

PRACTICAL
OBJECTIVES:
- To learn basic embroidery stitches
- To acquaint the students with the different fabrics, stitches, motifs and colours used in traditional embroideries.
- To learn the enlargement and reduction of a motif.

Time: 4 hrs/week

Total Marks: 75

Exam: 60
Int. Ass. : 15
Time : 3 hrs.

2. Motif Enlargement and Reduction
3. Sample making of following traditional embroideries
   - Kutch and Kathiawar
   - Kasuti
   - Phulkari
   - Sindhi
   - Manipuri
4. Preparation of only one article from the following using any one traditional embroidery:
   - Mobile Cover
   - Cushion Cover
   - Wall Hanging
5. Workshop on adda embroidery and making a sample of it.

Instructions for paper setters
1. There will be two questions in all carrying 30 marks each.

References:
- Lynton Linda, “The Sari”, Thames and Hudson
- Sumathi G.J., “Elements of Fashion and Apparel Design”, New Age Intl. Ltd. Publisher, N. Delhi
- Pandit S., “Traditional Embroideries of India”.TRADITIONAL TEXTILES
GARMENT CONSTRUCTION-I

THEORY

OBJECTIVES:
• To impart knowledge of machines and tools used for sewing.
• To impart knowledge of drafting and its importance.
• To impart knowledge of different garment components.

Time: 3 pds/week         Total Marks:50
Exam: 40
Int. Ass.:10
Time: 3 hrs.

UNIT-I

1. Sewing machine-
   • Parts
   • Maintenance
   • Common problems
   • Remedies
2. Tools and equipments used for clothing construction.

UNIT-II

3. Anthropometric measurements-
   • Definition
   • Instruments
   • Precautions
   • Locating landmarks on the body
   • Recording body measurements

UNIT-III

4. Fabric preparation

UNIT- IV

6. A brief study of garment details and their suitability-
   • Collars
   • Sleeves
   • Trimming
   • Fasteners
   • Pockets
   • Plackets

Instructions for paper setters
1. There will be total nine questions carrying equal marks. Two questions from each unit and one compulsory question covering all the units.
2. Five questions will be attempted in all. Question No. 1 will be compulsory carrying short answer type questions, fill in the blanks or true/false.
3. Each question will carry eight marks (8X5=40)

References:
• Thomas Anna Jacob,’ The Art of Sewing”, UBS Publishers Distributors Ltd., New Delhi, 1994.
GARMENT CONSTRUCTION-I

PRACTICAL

OBJECTIVES:
- To learn various basic hand stitches and seams
- To acquire drafting skills for children’s garments.

Time: 4 pds/week

Total Marks: 75
Exam: 60
Int. Ass. : 15
Time:3 hrs.

1. Making samples of Basic hand stitches
   - Basting (Even, Uneven and Diagonal)
   - Back stitch
   - Hemming (visible and invisible)
   - Tailor’s tack

2. Making samples of types of seams-
   - Plain
   - Run and fell
   - French
   - lapped
   - Counter
   - Mantua maker

3. Making samples of types of seam finishes-
   - Overlock
   - Hand overcast
   - Turned and stitched
   - Binding.

4. Fullness treatment-
   - Types of darts
   - Tucks- Pin tucks, Cross tucks, Shell tucks, Released tucks, Corded tucks
   - Pleats- Box Pleats, Knife Pleats, Kick Pleats
   - Ruffles
   - Frills- Gathered frill and pleated frill
   - Gathers.

Instructions for paper setters
There will be four questions in all.

References:
- Readers digest sewing Book
- Armstrong Helen Joseph, “Pattern making for fashion designing”.
- Mullick Prem Lata, “Garment construction Skills”. 
TEXTILE SCIENCE-1

THEORY

OBJECTIVES:
• To impart knowledge of fibers, sources of fibres and their properties

Time: 3pds./week  
Total Marks : 50
Exam: 40
Int. Ass: 10
Time: 3 Hrs.

UNIT I
1. Introduction to textile fibres.
2. Classification of fibers based on sources and origin.
3. Properties of textiles fibers.

UNIT II
4. Manufacturing and properties (Chemical and Physical) of various natural cellulosic fibres – cotton and linen.
5. Manufacturing and properties (Chemical and Physical) of various natural protein fibres- wool and silk.

UNIT III

UNIT IV
8. Manufacturing process of man made synthetic fibres –
   (a) Polyamide fibres - nylon 66, nylon 6,
   (b) Polyester and acrylic fibers

Instructions for paper setters
• There will be total nine questions carrying equal marks. Two questions from each unit and one compulsory question covering all the units.
• Five questions will be attempted in all. Question No. I will be compulsory, carrying short answer type questions, fill in the blanks or true/false.
• Each question will carry eight marks (8 x 5 =40)

References:
• Corbman, “Textile fiber to fabric” Mc Graw Hill
• PG Tartora, “Understanding Textiles.
TEXTILE SCIENCE -1

PRACTICAL
OBJECTIVES:
• To help the students to identify various classes of textiles fibers.
• To help students to understand various types of yarns and fabric properties

Time: 2pds./week                         Total Marks : 50
Exam:  40  
Int. Ass: 10   
Time: 3 Hrs.

1. Fiber identifications – visual, burning, microscopic and solubility test.
2. Identification of type of yarn
3. Determination of twist.

Instructions for paper setters
1. There will be three questions in all.

References:
• Corbman, “Textile fiber to fabric” Mc Graw Hill
• PG Tartora, “Understanding Textiles.

FABRIC CONSTRUCTION I

THEORY
OBJECTIVES:
• To impart knowledge of fabric manufacture and fabric properties.
• To enable students to understand fabric structures and to analysis them.

Time: 3 pds/week                         Total Marks: 50
Exam:  40  
Int. Ass .:  10   
Time :3hrs.

UNIT-I
2. Basic loom
   • Introduction
   • Parts of a simple loom
   • Functions
3. Primitive looms- warp weighted, bark strap, frame loom.

UNIT-II
4. Different types of loom
   • Shuttle looms-Introduction, types( pit & table) and operations.
• Shuttleless loom—Introduction, types (rapier, gripper, multiphase, air jet, water jet) and operations.

5. Control of loom motions
   • Cam loom
   • Jacquard loom
   • Dobby loom

   UNIT-III

6. Basic weaving concepts
   • Preparation of warp and weft yarns for weaving
   • Different types of warping.
     – Sectional warping
     – Peg warping
   • Basic motions of weaving-
     – Primary motions.
     – Secondary motions.

   UNIT-IV

7. Weaving
   • Introduction
   • Classification
     – Basic—plain, twill, satin
     – Novelty weaves—pile, lappet, leno, swivel, jacquard, dobby

8. Woven fabric defects—float, gout, lashing in, missing ends, selvedge defects.
9. Glossary of fabric—bird’s eye, brocade, cheese cloth, chiffon, canvas, crepe, drill, denim, damask, gauze, monk’s cloth, muslin, poplin, taffeta.

Instructions for paper setters
1. There will be total nine questions carrying equal marks. Two questions from each unit and one compulsory question covering all the units.
2. Five questions will be attempted in all. Question No. 1 will be compulsory carrying short answer type questions, fill in the blanks or true/false.
3. Each question will carry Eight marks (8X5=40)

References:
FABRIC CONSTRUCTION-I

PRACTICAL OBJECTIVES:
• To identify various weaves.
• To acquire skills for various fabric construction techniques.

Time: 2pds/week

Total Marks: 50
Exam: 40
Int. Ass.: 10
Time: 3hrs.

1. Graphical representation of Basic weaves using drafting & lifting plan
   • Simple- Plain, Rib & Basket
   • Twill- even, warp faced, filling faced, right hand twill, left hand twill.
   • Satin & sateen

2. Crochet
   • Introduction
   • Tools & material
   • Elementary stitches
     − single crochet
     − half double crochet
     − double crochet
     − triple crochet
     − double triple crochet
     − slip stitch
   • Variations on elementary techniques


Project work: Make an article using any technique

Instructions for paper setters.
1. There will be three questions in all.
2. Two questions will be set from Sr. No. 1, carrying 15 marks each (15X2=30).
3. One question will be set from Sr. No. 2, carrying 10 marks (10X1=10).

References:
BASICS OF COMPUTER SKILLS

PRACTICAL
OBJECTIVES:
1. To impart basic computer knowledge to students.
2. To enable the students to concept of fundamentals and its applications.

Time: - 2pds / Week

Total Marks - 50
Paper – 40
Int. Ass. - 10
Time: - 3 Hrs

Section-I
(THEORETICAL BACKGROUND TO BE DONE IN PRACTICAL CLASSES)

1. Introduction to Computer: Definition, Generation, Classification of computers, Configurations of computers, Computer software and hardware. Computer peripherals.


Section II
(PRACTICAL)

1. Using Windows: Windows Basics; Start Windows; Using different windows simultaneously; Moving through windows and mouse; Maximize/Minimize windows; Use of help feature; Exit windows; Starting an application; Copy, Move, Delete files/ Directories, Creating Directories. Reaming files and directories.


Instructions for paper setters:
- There will two questions in all from Section –II only.
- One question will be set from Sr. No. 1 carrying 20 marks.
- One question will be set from Sr. No. 02 carrying 20 marks.
- Each question can be sub divided into according to the Practical

References:
ENGLISH

Objectives:
The objective of teaching English to the science students is to create general awareness among them about literature and its impact on their lives. At the same time, it is expected that the students, on reading this course, shall develop proficiency in reading and writing skills, while acquiring a sensitive and analytical attitude towards literature in particular, and life in general. It is with this aim in mind that the new text has been selected and it is hoped that the objectives of the course will not only be reflected but also realized through necessary shift in the teaching practices, design of the question paper and mode of evaluation.

Note:
(i) There will be one paper of 80 marks, 10 marks are reserved for the Internal Assessment and 10 for the Practical Work. Total is 100.
(ii) The paper shall consist of Two Units. Unit I will be text specific and Unit II shall deal with different aspects of communications and language learning skills.
(iii) For Unit I, the prescribed text is Varieties of Expression, Ed. A. H. Tak, Foundation Books, which shall replace the existing text Patterns in Prose by Jagdish Chander, P.U., Chandigarh. It may be pointed out here that only certain sections of this text i.e. prose and drama are prescribed. Poetry has been deleted completely. Only five prose and five plays have been recommended for the study. The relevant sections, however, are as follows:

Prose:
I. The Judgement Seat of Vikramaditya, Sister Nivedita
II. Engine Trouble, R. K. Narayan
III. The Conjurer’s Revenge, Stephen Leacock

Drama:
I. The Rising of the Moon, Lady Gregory
II. Waterloo, Arthur Conan Doyle

(iv) No text book is recommended for Unit II, but a few books that may be used for this Unit are listed towards the end Unit II shall consist of the following:

Communication: It shall focus on different aspects of communication, types of communication, and significance of positive attitude in improving communication.
Writing Skills: This section shall focus on précis-writing, letters of all kinds; curriculum vitae, short, formal reports (no exceeding 200 words); public notices and advertisements relating to product promotion etc.,
Modern Forms of Communication: Here special emphasis shall be given to teaching the format of e-mails, fax messages, telegrams, audio-visual aids and power-point presentations. Apart from this, the students shall also be given basic lessons in effective listening, non-verbal communication, how to prepare for an interview and group discussion etc.,

Practical work:-
Teacher should assign some project or practical work to the students. This should be in the nature of guided activity, which the students shall have to complete under the direct supervision of the teacher. The students may be given projects on a variety of subjects relating to their discipline i.e. science in general or a specific area of science they are specializing in. Preferably, they should be given minor projects (to be completed within less than two weeks, and length not exceeding 20 pages) in consultation with teachers of science. However, the evaluation of the projects should be done only by the Language Teachers, who must keep all the basic criteria of good writing in mind while doing so.
In case of private candidates and students of School of Open Learning, the marks obtained by them out of 80 will be proportionately increased out of 100).

**Testing Scheme:**

The examination paper shall be divided into two sections, corresponding to two units already proposed in the syllabus. The distribution of questions and marks in Section I shall be as follows:

**Section I**

(It is text-based and corresponds to unit I in the syllabus)

Q1. It shall consist of *five* short questions (not exceeding 100-120 words) out of which a student will be expected to attempt any three. This question shall be based upon the prescribed text *Varieties of Expression* and cover a wide range of issues, topics and problems. It shall consist of **12 marks**.

Q2. It shall consist of *two* long questions (not exceeding 300-350 words) out of which a student will be expected to attempt only one. This question shall have internal choice, be based upon the prescribed text *Varieties of Expression*. This shall carry **10 marks**.

**Note:** The question 1 & 2 should be so designed as to cover all the chapters prescribed, as well as the major issues and problems listed therein.

Q3. It shall consist of an *Unseen Passage for Comprehension* (not more than 800 words), with minimum six questions at the end. These questions should be designed in such a way that we are able to test a student’s comprehension ability, language/presentation skills and vocabulary etc. This question shall be of **12 marks**.

Q4. It shall exclusively be a test of vocabulary, but designed strictly on the lines of various exercises given at the end of each chapter in the prescribed text. The candidate shall be given six words in one column and asked to match them with words/meanings in the next column, This shall carry **6 marks**.

**Section II (Based upon Unit II)**

Q.5 (a) The students shall be asked to write a short survey report on a situation, incident, problem of science or the possibility of starting a new scientific venture (in about 150-200 words). The students shall be given an internal choice in this question. This question shall carry 8 marks.

Q.5 (b) This question shall be on notices/advertisements of various types (as mentioned in the syllabus). It’ll carry **4 marks**.

Q.6. This question shall test a student’s ability to write letters of various kinds (in nor more than 250 words). Again, there will be internal choice here and the question will be of **8 marks**.

Q.7 There will test a student’s ability to write a Précis, A passage of about 200 words shall be given and the students shall have to write a précis of about 70 words (including the title). This question shall carry **10 marks**.

Q.8 This question shall test a student’s understanding of various aspects of communication and modern forms of communication. It shall be divided into two parts:

(a) Two short questions to be attempted (in not more than 100-120 words each) on different aspects of communication. It’ll carry **6 marks**.

(b) Definitions/format of modern forms of communication to be tested. This shall again carry **4 marks**.

**Suggested Reading:**

पाठ्यक्रम (क्लासी)

विषय: अंग्रेजी और अंग्रेजी

वर्ष: 2015

उद्देश्य: 6 पीढ़ीवाद

पाठ्यक्रम

1. अर्थशास्त्र वैज्ञानिक संस्करण 20 पृष्ठ
2. लेख तत्त्व
3. संदेश तत्त्व
4. विभागकर्ता: संपादक डा. शिखुर

बंधन

1. वर्ष-समूह, (संपादक) डा. वर्मा
2. संपादन संस्करण 50 पृष्ठ
3. संपादन संस्करण 5 पृष्ठ
4. संपादन संस्करण 10 पृष्ठ
5. विभागकर्ता: संपादक डा. शिखुर

पाठ्यक्रम

1. (डी) वर्ष-समूह वैज्ञानिक संस्करण 5 पृष्ठ (इंडियन मेडिकल परिभाषण)
2. (आ) वैज्ञानिक संस्करण 10 पृष्ठ
3. संदेश तत्त्व (50 पृष्ठ संस्करण) संस्करण 5 पृष्ठ
4. संदेश तत्त्व
5. विभागकर्ता: संपादक डा. शिखुर

(१) विभागकर्ता: विभागकर्ता डा. वर्मा, उपाध्याय डा. गुप्ता
(२) विभागकर्ता डा. वर्मा
(३) विभागकर्ता डा. गुप्ता
(४) विभागकर्ता डा. गुप्ता

पाठ्यक्रम

1. वर्ष-समूह उद्देश्य दें: 6 पीढ़ीवाद
2. संपादन संस्करण 25-30 पृष्ठ अंग्रेजी उद्देश्य दें: 30 पृष्ठ पीढ़ीवाद
3. उद्देश्य दें 6-3 = पीढ़ीवाद

उद्देश्य: 6 पीढ़ीवाद
1. The syllabus has been divided into four Units.
   There shall be 9 questions in all. The first question is compulsory and shall be short answer type containing 15 short questions spread over the whole syllabus to be answered in about 25 to 30 words each. The candidates are required to attempt any 9 short answer type questions carrying 18 marks i.e. 2 marks of each. Rest of the paper shall contain 4 units. Each Unit shall have two essay type questions and the candidate shall be given internal choice of attempting one question from each Unit-IV in all. Each question will carry 18 marks.

2. For private candidates, who have not been assessed earlier for internal assessment, the marks secured by them in theory paper will proportionately be increased to maximum marks of the paper in lieu of internal assessment.
   The paper-setter must put note (2) in the question paper.

3. One question from Unit-IV shall be set on the map.

Explanation:
1. Each essay type question would cover about one-third or one-half of a topic detailed in the syllabus.
2. The distribution of marks for the map question would be as under:
   - Map : 10 Marks
   - Explanatory Note : 08 Marks

   In case a paper setter chooses to set a question of map on important historical places, the paper setter will be required to ask the students to mark 5 places on map of 2 marks each and write explanatory note on any four of 2 marks each.
3. The paper-setter would avoid repetition between different types of question within one question paper.

PAPER: HISTORY AND CULTURE OF PUNJAB FROM THE EARLIEST TIMES TO 1849
Max. Marks : 100
Theory : 90
Internal Assessment : 10
Time : 3 Hours

Objectives: To introduce the students to the history of Punjab region.
Pedagogy: Lectures, library work and discussions.

UNIT I
2. Vedic Age: socio-economic life; development of caste; position of women.
3. Religion: vedic religion; impact of Buddhism and Jainism on the region.

UNIT II
4. Society and Culture c. 1000 A.D.: Socio-economic life; religious life; education
5. Cultural Reorientation: main features of Bhakti; origin and development of Sufism

UNIT III
9. Institution of Khalsa: new baptism; significance

UNIT IV
11. Society and Culture under Maharaja Ranjit Singh: social mobility; painting and architecture; literature.

Suggested Readings:
5. Basham, A.L : The Wonder That was India, Rupa Books, Calcutta (18th rep.), 1992
6. Sharma, B.N : Life in Northern India, MunshiRam Manohar Lal, Delhi, 1966
7. Singh, Kirpal : History and Culture of the Punjab, Part II (Medieval Period), Publication Bureau, Punjabi University, Patiala 1990 (3rd edn.).

Note: The following categories of the students shall be entitled to take option of History & Culture of Punjab in lieu of Punjabi as compulsory subject:
A. That the students who have not studied Punjabi upto class 10th.
B. Ward of / and Defence Personnel and Central Govt. Employee/Employees who are transferrable on all India basis.
C. Foreigners
### B.Sc. (Fashion Designing)
**SEMESTER –II**

<table>
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<tr>
<th>Sr. No</th>
<th>Subject</th>
<th>Credit Hours</th>
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<td>Traditional Textiles-II</td>
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<td>Garment Construction-II</td>
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<td>Textile Science -II</td>
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<td>Fabric Construction-II</td>
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1. BASICS OF DESIGN AND ILLUSTRATION- II- Practical
2. TRADITIONAL TEXTILES-II- Theory and Practical
3. GARMENT CONSTRUCTION-II- Theory and Practical
4. TEXTILE SCIENCE- II-Theory and Practical
5. FABRIC CONSTRUCTION-II- Theory and Practical
6. COMPUTER APPLICATIONS
7. ENGLISH II– Theory
8. HCP /PUNJABI II
BASICS OF DESIGN AND ILLUSTRATION-II
PRACTICAL
OBJECTIVES:
• To enable students to have awareness and to gain knowledge of figure sketching and drawing human figures.
• To learn illustration techniques and various rendering.

Time: 2pds/week          Total Marks: 50
Exam: 40
Int. Ass. : 10
Time : 3 Hrs.

1. Optical illusions created through
   • Elements of art
   • Principles of design.
2. Fashion model drawing basic figure proportion –croqui, heads, ears, nose, legs, arms and hairstyles.
3. Figure drawing in S, X, T, Y poses.
4. Rendering of different textures: woven, woolen, knitted, satin, fur, leather, net, denim, chikan, sheer.

Instructions for paper setters
1. There will be four questions in all.
2. All questions carry equal marks.

References:
• Gold Stein, “Art in Every day life”, IBH Publishing Co, Calcutta, 1992
• Elizabeth Drudi, T Pack, “Figure Drawing for Fashion”, The Pepin Press
• Abling Bina, “Fashion Sketch Book”

TRADITIONAL TEXTILES-II

THEORY
OBJECTIVES:
☐To impart knowledge of traditional designs and motifs of textiles
☐To introduce application of these motifs on different textiles.

Time: 3 pds/week          Total Marks: 50
Exam: 40
Int. Ass. : 10
Time : 3hrs

UNIT-I

Traditional Textiles of India

Woven textiles
• Brocade
• Jamavar
• Jamdani
• Chanderi
• Maheshwari
• Kanjivaram
• Paithni
• Baluchari

UNIT-I

• Kashmir Shawls
• Kashmir carpet
• Namda
• Gaba

UNIT-III

Traditional embroideries of India

(With special emphasis on history, motifs, stitches, threads, fabrics and colours used)

• Kantha of Bengal
• Chamba rumal of Himanchal Pradesh
• Gold and Silver embroidery of Uttar Pradesh, Gujrat and Rajasthan

UNIT-IV

• Chikan kari of Uttar Pradesh
• Kashida of Kashmir
• Kashida of Bihar

TRADITIONAL TEXTILES -II

PRACTICAL OBJECTIVES:

☑To learn the machine embroidery.
☒To learn application of traditional motifs and designs on various textiles.

Time: 4 pds/week

Total Marks: 75
Exam: 60
Int. Ass. : 15
Time : 3 hrs.

1. Sample making of following traditional embroideries
   - Kantha
   - Chamba Rumal
   - Kashida
   - Chikankari

2. Thematic designing of household textiles using the motifs of each of the traditional embroideries.

3. Preparation of only one article from the following using any one traditional embroidery:
   - File Cover
• Scarves/ Mufflers/ Dupattas
• Pillow Covers

**Instructions for paper setters**

1. There will be two questions in all carrying 30 marks each.

**References:**

- Lynton Linda, “The Sari”, Thames and Hudson
- Sumathi G.J., “Elements of Fashion and Apparel Design”, New Age Intl. Ltd. Publisher, N. Delhi
- Mumbai, 1960
- Pandit S., “Traditional Embroideries of India”.

**GARMENT CONSTRUCTION-II**

**THEORY**

**OBJECTIVES:**

- To impart knowledge of machines and tools used for sewing.
- To impart knowledge of drafting and its importance.
- To impart knowledge of different garment components.

Time: 3 pds/week

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<th>Total Marks: 50</th>
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<td>Exam: 40</td>
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<tr>
<td>Int. Ass.: 10</td>
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<tr>
<td>Time: 3hrs.</td>
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**UNIT-I**

1. Different machine attachments-
   - Quilter, Tucker, Zipper foot, Buttonholer, Seam Guide, Zig-zagger, Foot Hemmer, Ruffler, Multiple slotted binder, Gathering foot, Edge Stitcher.
2. History and types of sewing machine.

**UNIT-II**

3. Standardization and size charts.
4. Suitability of different fabrics for different garments.

**UNIT-III**

5. Knowledge of size of needles, threads, stitches according to the fabric.
6. Lining, Interlining and underlining.
7. Facing and interfacing.
UNIT- IV

8. A brief study of garment details and their suitability-
   • Skirts
   • Trousers
   • Blouses
   • One piece dress
   • Coats

Instructions for paper setters
1. There will be total nine questions carrying equal marks. Two questions from each unit and one compulsory question covering all the units.
2. Five questions will be attempted in all. Question No. 1 will be compulsory carrying short answer type questions, fill in the blanks or true/false.
3. Each question will carry eight marks (8X5=40)

References:
   • Thomas Anna Jacob,’ The Art of Sewing”, UBS Publishers Distributors Ltd., New Delhi, 1994.
   • Readers digest sewing Book
   • Armstrong Helen Joseph, “Pattern making for fashion designing”.
   • Mullick Prem Lata, “Garment construction Skills”.

GARMENT CONSTRUCTION-II

PRACTICAL
OBJECTIVES:
   • To learn various basic hand stitches and seams
   • To acquire drafting skills for children’s garments.

Time: 4 hrs/week          Total Marks:  75
Exam:       60
Int. Ass. :  15
Time: 3 Hrs

1. Making samples of Neckline finishes
   • Facing
   • Binding

2. Making samples of plackets-
   • Continuous placket
   • Two Piece placket
   • Bound placket
   • Kurta placket

3. Making samples of Zippers-
   • Visible Zipper.
   • Invisible Zipper
   • Fly Zipper

4. Making sample of different Fasteners
5. Making samples of Pockets-
   • Patch pocket
   • Inseam pocket
   • Front Hip pocket
   • Bound pocket
   • Welt pocket
   • Patch pocket with flap
   • Kurta pocket

Instructions for paper setters
There will be four questions in all.

References:
• Readers digest sewing Book
• Armstrong Helen Joseph, “Pattern making for fashion designing”.
• Mullick Prem Lat, “Garment construction Skills”.

TEXTILES SCIENCE–II

THEORY
OBJECTIVES:
To impart knowledge of fibers, sourcess of fibres and their properties
Time: 3 pds/week.

Total Marks: 50
Exam: 40
Int. Ass: 10
Time: 3 Hrs

UNIT I
1. Types of yarn – staple, filament, simple, novelty, bulk and textured
2. Effect of twist and direction of twist.
3. Size of yarn

UNIT II
4. Spinning – mechanical and chemical
   • Mechanical spinning - Ring spinning, open end spinning, DREF (Friction Spinning),
   • Chemical spinning – dry spinning, wet spinning, melt spinning,

5. Other methods of yarn manufacturing
   False twist or self twist spinning
   Yarn wrapping
   Air jet spinning,
   Core spinning
6. Making yarns from films
   Split films
   Slit Films
UNIT III

7. Manufacturing of yarn by cotton system
8. Manufacturing of yarn by woollen and worsted system.
9. Manufacturing of yarn by linen system

UNIT IV

10. Soaps and detergents
11. Stiffening agent
12. Blues

Instructions for paper setters:
- There will be total nine questions carrying equal marks. Two questions from each unit and one compulsory question covering all the units.
- Five questions will be attempted in all. Question No. I will be compulsory, carrying short answer type questions, fill in the blanks or true/false.
- Each question will carry eight marks (8 x 5 =40)

References:

TEXTILES SCIENCE–II

PRACTICAL

OBJECTIVES:
- To help the students to identify and remove various stains.
- To enable the students to prepare various stiffening agents and laundering and finishing of various garments.

Time: 2 pds/wk

Total Marks : 50
Exam:40
Int. Ass: 10
Time: 3 Hrs.

1. Stain removal
2. Preparation of starches- arrowroot and gum Arabic.
3. Laundering of special garments:
   - Terrycot shirt
   - Woolen garment (pullover/cardigan)
   - Silk scarf
   - Table cloth

Instructions for paper setters
1. There will be two questions in all.
2. Two questions carrying 20 marks each.
FABRIC CONSTRUCTION-II

THEORY

OBJECTIVES:
- To impart knowledge of fabric manufacture and fabric properties.
- To enable students to understand fabric structures and to analysis them.

Time: 3 pds/week

Total Marks: 50
Exam: 40
Int. Ass.: 10
Time: 3 Hrs.

UNIT-I

1. Knitting –
   - definition
   - Terminology – Wales, course, single knit, double knit, stitch density, stitch length, loop length.
   - Types of knitting- warp knitting & weft knitting
   - Properties of knitted fabric
   - Performance & care of knitted fabric – dimensional stability, mechanical damage,

UNIT-II

2. Non woven methods of fabric construction
   - Felting – definition, manufacturing process, types, uses and properties,
   - Bonding
     - Web formation
     - Bonding the web
   - Needle Punched

UNIT-III

3. Methods of decorative fabric formation
   - Lace making
     - Hand made lace
     - Machine made lace
   - Netting
   - Braiding
   - Knotting

UNIT-IV

- Multi component fabrics-
  - Carpet manufacture
  - Laminated fabric
  - Embroidered fabric
Instructions for paper setters

I. There will be total nine questions carrying equal marks. Two questions from each unit and one compulsory question covering all the units.

II. Five questions will be attempted in all. Question No. 1 will be compulsory carrying short answer type questions, fill in the blanks or true/false.

III. Each question will carry Eight marks (8X5=40)

References:


FABRIC CONSTRUCTION-II

PRACTICAL

OBJECTIVES:

• To identify various weaves.
• To acquire skills for various fabric construction techniques.

Time: 2 pds/week

Total Marks: 50

Exam: 40

Int. Ass.: 10

Time: 3 Hrs.

1. Making of samples of different knots using Macramé.
2. Lace making –tatting
3. One article using any construction method.

Instructions for paper setters.

1. There will be two questions in all.
2. All questions carry equal marks.

References:


COMPUTER APPLICATION

PRACTICAL

OBJECTIVES:
To impart computer knowledge to students through practical.
Credit Hours: - 2pds / Week

Exam:  40
Int. Ass. :  10
Total Marks:  50
Time: 3 Hrs.

Instructions for paper setters:
➢ There will be two questions in all from Section –II only.
➢ One question will be set from Sr. No. 1 carrying 20 marks.
➢ One question will be set from Sr. No. 02 carrying 20 marks.
➢ Each question can be subdivided into according to the Practical

Section I

THEORETICAL BACKGROUND TO BE DONE IN PRACTICAL CLASSES

1. Computer Memory in details, secondary storage device HDD,CD,DVD,Pen Drive etc.
2. Operating System (OS), Introduction, Function of OS ,Types of OS, Working of OS in brief

Section II

PRACTICAL


2. Internet and its applications, URL, Email (Creating new mail account, sending mail, attachments etc.), search engines, file downloading and saving of file. Writing CD, DVD in different formats using CD or DVD writing software’s. Data transfer to or from Solid state devices.

Recommended Readings:-
ENGLISH II (THEORY)

Objectives:
The objective of teaching English to the science students is to create general awareness among them about literature and its impact on their lives. At the same time, it is expected that the students, on reading this course, shall develop proficiency in reading and writing skills, while acquiring a sensitive and analytical attitude towards literature in particular, and life in general. It is with this aim in mind that the new text has been selected and it is hoped that the objectives of the course will not only be reflected but also realized through necessary shift in the teaching practices, design of the question paper and mode of evaluation.

Note:
(i) There will be one paper of 40 marks, 5 marks are reserved for the Internal Assessment and 5 for the Practical Work. Total is 50.
(ii) The paper shall consist of Two Units. Unit I will be text specific and Unit II shall deal with different aspects of communications and language learning skills.
(iii) For Unit I, the prescribed text is Varieties of Expression, Ed. A. H. Tak, Foundation Books, which shall replace the existing text Patterns in Prose by Jagdish Chander, P.U., Chandigarh. It may be pointed out here that only certain sections of this text i.e.prose and drama are prescribed. Poetry has been deleted completely. Only five prose and five plays have been recommended for the study. The relevant sections, however, are as follows:

Prose:
I    J. C. Bose, Aldous Huxley
II   The Position of Women in Ancient India, Padmini Sen Gupta

Drama:
I    The Proposal, Anton Chekhov
II   Riders to the Sea, J. M. Synge
III  Lithuania, Rupert Brooke

(iv)  No text book is recommended for Unit II, but a few books that may be used for this Unit are listed towards the end Unit II shall consist of the following:

Communication: It shall focus on different aspects of communication, types of communication, and significance of positive attitude in improving communication.

Writing Skills: This section shall focus on précis-writing, letters of all kinds; curriculum vitae, short, formal reports (no exceeding 200 words); public notices and advertisements relating to product promotion etc.,

Modern Forms of Communication: Here special emphasis shall be given to teaching the format of e-mails, fax messages, telegrams, audio-visual aids and power-point presentations. Apart from this, the students shall also be given basic lessons in effective listening, non-verbal communication, how to prepare for an interview and group discussion etc.

Practical work:-
Teacher should assign some project or practical work to the students. This should be in the nature of guided activity, which the students shall have to complete under the direct supervision of the teacher. The students may be given projects on a variety of subjects relating to their discipline i.e. science in general or a specific area of science they are specializing in. Preferably, they should be given minor projects (to be completed within less than two weeks, and length not exceeding 20 pages) in consultation with teachers of science. However, the evaluation of the projects should be done only by the Language Teachers, who must keep all the basic criteria of good writing in mind while doing so.

(Note: In case of private candidates and students of School of Open Learning, the marks obtained by them out of 40 will be proportionately increased out of 50).
Testing Scheme:
The examination paper shall be divided into two sections, corresponding to two units already proposed in the syllabus. The distribution of questions and marks in Section I shall be as follows:

Section I (It is text-based and corresponds to unit I in the syllabus)
Q1. It shall consist of five short questions (not exceeding 100-120 words) out of which a student will be expected to attempt any three. This question shall be based upon the prescribed text *Varieties of Expression* and cover a wide range of issues, topics and problems. It shall consist of 12 marks.

Q2. It shall consist of two long questions (not exceeding 300-350 words) out of which a student will be expected to attempt only one. This question shall have internal choice, be based upon the prescribed text *Varieties of Expression*. This shall carry 10 marks.

Note: The question 1 & 2 should be so designed as to cover all the chapters prescribed, as well as the major issues and problems listed therein.

Q3. It shall consist of an Unseen Passage for Comprehension (not more than 800 words), with minimum six questions at the end. These questions should be designed in such a way that we are able to test a student’s comprehension ability, language/presentation skills and vocabulary etc. This question shall be of 12 marks.

Q4. It shall exclusively be a test of vocabulary, but designed strictly on the lines of various exercises given at the end of each chapter in the prescribed text. The candidate shall be given six words in one column and asked to match them with words/meanings in the next column, This shall carry 6 marks.

Section II (Based upon Unit II)
Q5 (a) The students shall be asked to write a short survey report on a situation, incident, problem of science or the possibility of starting a new scientific venture (in about 150-200 words). The students shall be given an internal choice in this question. This question shall carry 8 marks.

(b) This question shall be on notices/advertisements of various types (as mentioned in the syllabus). It’ll carry 4 marks.

Q6. This question shall test a student’s ability to write letters of various kinds (in not more than 250 words). Again, there will be internal choice here and the question will be of 8 marks.

Q7. There will test a student’s ability to write a Précis, A passage of about 200 words shall be given and the students shall have to write a précis of about 70 words (including the title). This question shall carry 10 marks.

Q8 This question shall test a student’s understanding of various aspects of communication and modern forms of communication. It shall be divided into two parts:

(a) Two short questions to be attempted (in not more than 100-120 words each) on different aspects of communication. It’ll carry 6 marks.

(b) Definitions/format of modern forms of communication to be tested. This shall again carry 4 marks.

Suggested Reading:

PRACTICAL WORK
Teachers should assign some project or practical work to students. Students should be guided to carry on fieldwork and collect primary data (wherever possible). Whatever project report/practical work/assignment is submitted by the students should be evaluated by the class teachers of the college and marks be awarded accordingly. Further, work of the student should be preserved by the institute for at least one year, which can be inspected by the University at any time.
B.A.(GENERAL)/B.Sc. (GENERAL) FIRST YEAR SYLLABUS

प्रथम (बक्शी) बी.ए. (जनरल) बी.एस. (जनरल) पहला संकेत

इनियोजेशन अभ्यास / 2016 के सिलेबस लड़ती
(इनियोजेशन अभ्यास / जनरल जी के विभिन्न विभागों का)

प्रथम त्रिवर्षीय

उद्देश्य

1.  पंजाबी व्यक्तित्व, आर्थिक
2.  पुरुष पिंड रेलिंग
3.  मुस्लिम
4.  विश्वास विगत: मिन्द्यं व जिज्ञसा

वेक्स

1.  प्रथम वर्षीय (संपन्न) ट्रेड. पृथक अंक, पृथक दिशा, पृथक विक्रिया, पृथक व्यक्तित्व, पंजाबी पृथक विभागों, चेंदीवाले
2.  प्रथम वर्षीय (संपन्न) ट्रेड. पृथक अंक, पृथक दिशा, पृथक विक्रिया, पृथक व्यक्तित्व, पंजाबी पृथक विभागों, चेंदीवाले
3.  प्रथम वर्षीय (संपन्न) ट्रेड. पृथक अंक, पृथक दिशा, पृथक विक्रिया, पृथक व्यक्तित्व, पंजाबी पृथक विभागों, चेंदीवाले

विवरण

1.  पंजाबी व्यक्तित्व (एकल) और अपवाद
2.  पुरुष पिंड रेलिंग
3.  मुस्लिम
4.  विश्वास विगत: मिन्द्यं व जिज्ञसा

विवरण

1.  पंजाबी व्यक्तित्व (एकल) और अपवाद
   (a)  पंजाबी-मसूदी विभाग में विभिन्न विभागों में प्रवेश विचारक वार्ता
   (किस के बिंदु विवरण)
   (b)  पंजाबी-मसूदी विभाग में विभिन्न विभागों में प्रवेश विचारक वार्ता
   (किस के बिंदु विवरण)
2.  पंजाबी-मसूदी विभाग में विभिन्न विभागों में प्रवेश विचारक वार्ता
   (प्रथम के बिंदु विवरण)
3.  पंजाबी व्यक्तित्व (एकल) और अपवाद
   (प्रथम के बिंदु विवरण)
4.  पंजाबी व्यक्तित्व (एकल)
5.  विश्वास विगत: मिन्द्यं व जिज्ञसा

विवरण

1.  पंजाबी व्यक्तित्व (एकल) और अपवाद
   (a)  पंजाबी व्यक्तित्व (एकल) और अपवाद
   (b)  पंजाबी व्यक्तित्व (एकल) और अपवाद
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6.  पंजाबी व्यक्तित्व (एकल) और अपवाद
7.  पंजाबी व्यक्तित्व (एकल) और अपवाद
8.  पंजाबी व्यक्तित्व (एकल) और अपवाद

कृपया प्राप्त कीजिए अन्य विषयों के पुस्तकों का संग्रह और अपने अध्ययन का समय संचालित करें।

शास्त्रप्रद सूची

1.  पंजाबी व्यक्तित्व (एकल) और अपवाद
2.  पंजाबी व्यक्तित्व (एकल) और अपवाद
3.  पंजाबी व्यक्तित्व (एकल) और अपवाद

शास्त्रप्रद सूची

1.  पंजाबी व्यक्तित्व (एकल) और अपवाद
2.  पंजाबी व्यक्तित्व (एकल) और अपवाद
3.  पंजाबी व्यक्तित्व (एकल) और अपवाद
OR
6 credit course: 6 Periods per week

SEMESTER II
HISTORY AND CULTURE OF PUNJAB IN THE COLONIAL AND POST INDEPENDENCE TIMES
INSTRUCTIONS FOR THE PAPER –SETTER AND CANDIDATES: (FOR PAPER in semester 1 AND 2)

1. The syllabus has been divided into four Units.
   There shall be 9 questions in all. The first question is compulsory and shall be short answer type containing 15 short questions spread over the whole syllabus to be answered in about 25 to 30 words each. The candidates are required to attempt any 9 short answer type questions carrying 18 marks i.e. 2 marks of each. Rest of the paper shall contain 4 units. Each Unit shall have two essay type questions and the candidate shall be given internal choice of attempting one question from each Unit-IV in all. Each question will carry 18 marks.

2. For private candidates, who have not been assessed earlier for internal assessment, the marks secured by them in theory paper will proportionately be increased to maximum marks of the paper in lieu of internal assessment.

   The paper-setter must put note (2) in the question paper.

3. One question from Unit-IV shall be set on the map.

Explanation:
1. Each essay type question would cover about one-third or one-half of a topic detailed in the syllabus.
2. The distribution of marks for the map question would be as under:
   Map : 10 Marks
   Explanatory Note : 08 Marks

   In case a paper setter chooses to set a question of map on important historical places, the paper setter will be required to ask the students to mark 5 places on map of 2 marks each and write explanatory note on any four of 2 marks each.

3. The paper-setter would avoid repetition between different types of question within one question paper.

PAPER: HISTORY AND CULTURE OF PUNJAB IN THE COLONIAL AND POST INDEPENDENCE TIMES
Max. Marks : 100
Theory : 90
Internal Assessment : 10
Time : 3 Hours

Objectives: To introduce the students to the history of Punjab region in modern times.
Pedagogy: Lectures, library work and discussions.

UNIT I
1. Introduction of Colonial Rule: administrative changes; means of communication; western education.
2. Agrarian Development: Commercialization of agriculture; canalization and colonization.
3. Social Classes: agrarian groups; new middle classes
UNIT II
5. Socio Religious Reform Movements: activities of Arya Samaj; Singh sabhas; Ahmadiyas.
6. Development of Press & literature: growth of press; development in literature

UNIT III
7. Emergence Of Political Consciousness: Agrarian uprising 1907; Ghadar.
8. Gurudwara Reform Movement: Jallianwala Bagh; foundation of SGPC and Akali Dal; Morchas.
9. Struggle for Freedom: activities of revolutionaries - Babbar Akalis, Naujawan Bharat Sabha; participation in mass movements – non co-operation, civil disobedience, Quit India.

UNIT IV
10. Partition and its Aftermath: resettlement; rehabilitation
12. MAP: Major Historical places: Delhi, Kurukshetra, Jaito, Ferozepur, Ambala, Amritsar, Lahore, Ludhiana, Qadian, Jalandhar, Lyallpur, Montgomery.

Suggested Readings:
1. Singh, Kirpal :History and Culture of the Punjab, Part II(Medieval Period), Publication Bureau, Punjabi University, Patiala 1990(3rd edn.).
### B.Sc. (Fashion Designing)

#### Semester –III

<table>
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<tr>
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1. FASHION DESIGN ILLUSTRATION Practical
2. HISTORY OF INDIAN COSTUMES-I Theory
3. NEEDLE CRAFT-I Practical
4. GARMENT CONSTRUCTION-III Practical
5. PATTERN MAKING-I Theory & Practical
6. KNITTING TECHNOLOGY-I Practical
7. INTRODUCTION TO DYEING AND PRINTING Theory
8. TEXTILE DYEING Practical
9. CONCEPT OF FASHION-I Theory
OBJECTIVES:

- To enable students to gain knowledge of figure sketching and drawing.
- To gain knowledge of various fashion details.

Time: 4 pds/week           Total Marks: 75
Exam: 60
Int. Ass. : 15
Time : 3 hrs.

1. Sketching of various fashion details
   - Necklines
   - Collars
   - Sleeves
   - Cuffs
   - Pockets
   - Frills
   - Flounces
   - Bows
   - Pleats
   - Gathers
   - Tucks
   - Shirring
   - Tops
   - Skirts
   - Trousers
   - Silhouettes

2. Sketching of accessories
   - Handbags & Bags
   - Jewelry
   - Footwear
   - Eyewear
   - Perfumes
   - Headgears
   - Cufflinks
   - Scarves
   - Hair accessories
   - Belts

3. Rendering texture of fabrics in dresses
   - Lace
   - Leather
   - Fur
4. Designing of casual and formal wear for children and women (3 each).

Instructions for the paper setters:
1. There will be three questions in all.
2. Each question carries 20 marks.

References:
- Elezabeth Drudi, “Figure Drawing for fashion design”, the pepin press
- Ritu, “Fashion Design and illustrations”, Indica publishers

SEMESTER-III
HISTORY OF INDIAN COSTUMES-I

THEORY
OBJECTIVES

• To acquaint the students with different types of ancient Indian costumes.

Time: 3 pds/week

Total Marks: 50
Exam : 40
Int. Ass. : 10
Time: 3hrs.

UNIT-I
1. Introduction to costumes and sources of retrieving information about historic costumes
2. Study of Indian costumes including costumes, ornaments, headgear, hairstyles and footwear during following periods:
   • Indus Valley Period
   • Vedic Period

UNIT-II
• Mauryan and Sunga Period
• Early and Late Satvahana Period

UNIT-III
• Kushan Period
• Gupta Period
UNIT-IV

- Mughal Period- Pre-Mughal, Mughal and Post-Mughal Period
- British Period

NOTE: - Screening of period Film
- Visit to museums

Instructions for paper setters
1. There will be total nine questions carrying equal marks. Two questions from each unit and one compulsory question covering all the units.
2. Five questions will be attempted in all. Question No. 1 will be compulsory carrying short answer type questions, fill in the blanks or true/false.
3. Each question will carry eight marks (8X5=40)

References:
1. A.Biswas(2003). Indian Costumes. Publication Division

SEMMESTER-III
Needle Craft -I

Time- 4 hrs/wk

Preparation of samples with the following techniques:-
I. Patch work –
   - Introduction
   - Tools and material
   - Types of Patchwork :
     - One shape patchwork
     - Block unit patchwork(pieced and appliqued patchwork)

II. Quilting –
   - Introduction
   - Tools and material
   - Types of Quilting:
Basic hand-quilting techniques
- Machine quilting
- Other quilting techniques (Padded, Corded, Puff, Pillow)

III. Applique -
- Introduction
- Tools and material
- Making templates
- Cutting appliques
- Methods of sewing applique
  - Sewing applique by hand
  - Sewing applique by machine
  - Sewing applique by fusing
  - Reverse appliqué (Cut-through appliqué)

IV. Machine Embroidery -
- Introduction
- Straight stitching
- Zig zag stitching
- Machine cutwork
- Decorative stitch patterns

PROJECT:-
- Develop one product based on any one technique or combination of any two techniques

Instructions for paper setters
- There will be two questions in all carrying 30 marks each.

References:
- Naik Shailaja, "Traditional Embroideries of India", APH Publication, New Delhi, 1996

SEMESTER-III
GARMENT CONSTRUCTION-III

PRACTICAL
OBJECTIVES:
- To acquire Construction skills for children’s garments.

Time: 4 pds/week

Exam: 60
Int. Ass.: 15
Time: 3 Hrs.

1. Making samples of Yokes-
   - Straight Yoke
   - Round Yoke
   - V-Yoke

2. Making samples of Sleeves
   - Puff Sleeve
• Cap Sleeve
3. Making samples of Collars
  • Baby Collar
  • Peterpan Collar
4. Drafting & Construction of:
  • A line frock with peterpan collar with cap sleeve
  • Frock with gathers, puff sleeve and baby collar
  • Romper with patch pocket

Instructions for paper setters
  1. There will be only one question including drafting (15 marks), cutting (10 marks) and construction & finishing (35 marks) of any one garment.

References:
  • Thomas Anna Jacob,’ The Art of Sewing”, UBS Publishers Distributors Ltd., New Delhi, 1994.
  • Readers digest sewing Book
  • Armstrong Helen Joseph, “Pattern making for fashion designing”.
  • Mullick Prem Lata, “Garment construction Skills”.

SEMESTER III
PATTERN MAKING- I

THEORY
OBJECTIVES:

• To teach different aspects of Pattern Making.

Time: 3 Pds/week

Total marks: 50
Exam: 40
Int. Ass: 10

Time: 3 Hrs.

UNIT-I
1. Terminology used in Pattern making: Pattern drafting, flat pattern making, template working pattern, production pattern, design specification sheet, pattern chart, cost-sheet, grain, dart, dart legs, dart intake, trueing and blending, plumb line, vertical lines, horizontal lines, perpendicular lines, symmetric and asymmetric lines, style number, pattern size. Pivotal point and pattern manipulation, style reading pattern making tools.

UNIT-II
2. Terminology of
  • Sleeve
  • Collar
  • Skirt

UNIT-III
2. Methods of Pattern Development
  • Drafting
  • Flat Pattern Method, Slash and Spread, Pivot Method
Basics of Commercial paper pattern
- Pattern Envelope
- Pattern Marking
- Pattern Layout

UNIT-IV

3. Fabric estimation and its importance
Handling special fabrics.

Instructions for paper setters
1. There will be total nine questions carrying equal marks. Two questions from each unit and one compulsory question covering all the units.
2. Five questions will be attempted in all. Question No. 1 will be compulsory carrying short answer type questions, fill in the blanks or true/false.
3. Each question will carry eight marks (8X5=40)

SEMESTER III
PATTERN MAKING- I

PRACTICAL
Objectives-
To teach different aspects of Pattern Making.

TIME: 4 Pds/week

1) Drafting of adult bodice block and sleeve block.
2) Dart manipulation (Slash Spread Techniques, Pivotal)
   • Single Dart
   • Two Dart
3) Designing with
   • Gathers
   • Pleats
   • Tucks
   • Flare
   • Dart cluster and Dart Equivalent
   • Graduated and Radiating Dart
   • Parallel and Asymmetric Dart
4) Stylelines
   • Classic Princess styleline
   • Armhole Princess

Instructions for Paper setters.
- There will be three questions in all
- Each question carries 20 marks.

References:
- Armstrong Joseph Helen, “Pattern Making for Fashion Design”.

SEMESTER-III
KNITTING TECHNOLOGY I

PRACTICAL
OBJECTIVES

• To enable students to develop practical skills of knitting.

Time: 4 Pds/week

Total marks: 75
Exam: 60
Int. Ass.: 15
Time: 3 Hrs.

• Knitting terminology
• Tools & material
• Basic Techniques
• Preparation of hand knitting samples
  • Basic Stitches
    – Rib, Moss, Garter & Single Jersey
  • Texture
  • Laces
  • Cables
  • Multi-colored knitting
• Preparation of knitting samples
  To operate flat bed knitting machines
  • Rib (1x1, 1x2)
  • Tuck
• Develop a project Baby Set using knitting technique

Instructions for Paper setters.

• There will be two questions one of hand knitting and second of machine knitting samples in all carrying 30 marks each.
• Sample size should be specified.

References:

– Prof.Ajgaonkar D.V,”Knitting Technology” Univeristy Publishing Co. Mumbai
– Brackenbury Terry, “Knitting Clothing Technology” Black well Science, UK
SEMESTER-III  
INTRODUCTION TO DYEING AND PRINTING

THEORY  
OBJECTIVES:  
• To acquaint students with different types of dyeing and printing techniques.  
Time: 3 Pds/week

UNIT-I  
1. Introduction to Dyes  
2. Difference between Dyes and Pigments  
3. Classification of Dyes  
   Natural Dyes: Vegetable, Animal and Mineral Dyes  
   Synthetic Dyes: Acid, Basic, Direct, Vat, Sulphur, Reactive and Disperse Dyes

UNIT-II  
4. Stages of Dyeing   
   Solution, Fiber, Yarn, Piece or Fabric and Product Dyeing  
5. Methods of Dyeing   
   Batch Dyeing and Combination Dyeing (Cross and Union)

Unit-III  
6. Colour Fastness   
   Fastness to Washing, Ironing, Perspiration, Crocking and Sunlight  
7. Dyeing Defects   
   Bleeding, Crocking, Migration, Fume Fading, Tendering, Frosting and Off Shade

Unit-IV  
8. Introduction to Textile Printing  
9. Styles and Methods of Printing   
   Direct, Discharge, Resist, Block, Roller, Duplex, Stencil, Screen (Flat and Photographic), Rotary Screen, Transfer, Blotch and Digital Printing

Instructions for paper setters  
1. There will be total nine questions carrying equal marks, two questions from each unit and one compulsory question and students will have to attempt five questions in all.  
2. Question No. 1 will be compulsory carrying comprising short answers from all the units, Fill in the blanks or true/false.  
3. Each question will carry eight marks

References:  
PRACTICAL OBJECTIVES:

• To enable students to develop practical skills of dyeing evaluation of fabric through colour fastness

Time 2 Pds/week

Total marks: 50
Exam: 40
Int. Ass: 10
Time: 3 hrs.

1. Dyeing of Cotton with the following dyes
   • Direct dyes
   • Reactive dyes
2. Dyeing of Silk and Wool with the following dyes
   • Acid
   • Basic
3. To Test the Colour Fastness of the fabric:
   • Fastness to Washing
   • Fastness to Ironing
   • Fastness to Perspiration
   • Fastness to Crocking
   • Fastness to Sunlight

Instructions for Paper Setters:
• There will be three questions in all covering entire syllabus.

References:
• Shenai, V Technology of Textile Processing, Technology of Printing (3rd edition), Sewak Publications, Bombay 1998

THEORY

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

Time: 3 pds/week

Total Marks: 50
Exam: 40
Int. Ass.: 10
Time: 3 Hrs.
SECTION-A
UNIT-I
1. Fashion terminology –
   • Fashion, style, fad, classic, stereotype, boutique
   • croquis, fashion trends, haute couture, designer
   • prêt-a-porter, silhouette
   • Hi- fashion, mass fashion and knock-offs.

UNIT-II
2. Fashion cycle
   • Stages of fashion cycle
   • Broken fashion cycle
   • Length of fashion cycles
3. Fashion theories-
   • Trickle down
   • Trickle across
   • Bottom up theory

UNIT-III
4. Components of Fashion -
   • Silhouette
   • Details
   • Texture
   • Colour
5. Factors affecting fashion
   • Social
   • Economic
   • Psychological

UNIT-IV

SECTION- B
Sessional work- Sessional work will be based on above mentioned topics

Instructions for paper setters
1. There will be total nine questions carrying equal marks. Two questions from each unit and one compulsory question covering all the units.
2. Five questions will be attempted in all. Question No. 1 will be compulsory carrying short answer type questions, fill in the blanks or true/false.

References:
5. Study of clothing, “Houghtm Mifflin Company, Bosien
6. Kafgen Mary, Individuality in clothing, Houghton Mifflin Company
7. Dynamics of fashion by Elaine stone

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

<table>
<thead>
<tr>
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1. FASHION DESIGN ILLUSTRATION ON COMPUTER- Practical
2. HISTORY OF INDIAN COSTUMES-II-Theory
3. NEEDLE CRAFT-II- Practical
4. GARMENT CONSTRUCTION-IV- Practical
5. PATTERN MAKING-II- Theory and Practical
SEMESTER IV
FASHION DESIGN ILLUSTRATION ON COMPUTER

PRACTICAL

OBJECTIVES:
• To acquaint students with knowledge of CAD based application in fashion designing.

Time: 4 pds/week

Total Marks: 75
Exam: 60
Int. Ass.: 15
Time: 3 hrs.

1. Croqui drawing
2. Drawing of various fashion details
   • Collar-flat, stand, rolled (two for each type)
   • Sleeve- set in sleeves, sleeves combined with bodice (two for each type)
   • Pockets- patch, inseam (two for each type)
   • Skirts- flared, gathered, gored, pegged, tiered and skirt with yokes.
   • Silhouette- Tubular, bell and bouffant.
   • Trousers (any two)
3. Designing of casual and formal wear for children and women (one each)

Instructions for paper setters.
1. There will be three questions in all.
2. Each question carries 20 marks.

References:
• Corel Draw X4 in simple steps- Dream tech press.
• Saxsena, S. A First course in Computers. Vikas Publishing House Pvt Ltd.
• User Guide for the Softwares (coral draw and Photoshop).
SEMESTER-IV
HISTORY OF INDIAN COSTUMES-II

THEORY

OBJECTIVES
• To acquaint the students with different types of Indian costumes.

Time: 3 pds/week

Total Marks: 50
Exam: 40
Int. Ass.: 10
Time: 3hrs.

Study of Indian traditional costumes including dresses, headgear, jewelry and footwear as well as tribal costumes of the different states

UNIT-I
Northern India
• Jammu & Kashmir
• Himachal Pradesh
• Punjab
• Haryana

UNIT-II
Eastern India
• Sikkim
• Assam
• Manipur
• West Bengal
• Orissa
• Nagaland
• Mizoram
• Arunachal Pradesh
• Meghalaya
• Tripura

UNIT-III
Western and Central India.
• Rajasthan
• Gujarat
• Uttar Pradesh & Uttarakhand
• Bihar & Jharkhand
• Madhya Pradesh & Chhattisgarh

UNIT-IV
Southern India.
• Kerala
• Tamil Nadu
• Karnataka
• Andhra Pradesh
• Maharashtra
NOTE:
- Screening of Regional Film
- Visit to museums

**Instructions for paper setters**
1. There will be total nine questions carrying equal marks. Two questions from each unit and one compulsory question covering all the units.
2. Five questions will be attempted in all. Question No. 1 will be compulsory carrying short answer type questions, fill in the blanks or true/false.
3. Each question will carry eight marks (8X5=40)

**References:**
1. A.Biswas (2003). Indian Costumes. Publication Division

**SEMESTER-IV**
**Needle Craft –II**

Time- 4 pds/week

Preparation of Samples with the following techniques:-

I. Smocking
- Introduction
- Fabrics and Grids
- Adding Smocking to a garment
- English Smocking
- Smocking Stitches
- Working Stitch Combination

II. Cut Work, Mirror work and drawn thread work

III. Special techniques :
- Ribbon work
- Bead work
- Sequins and Stone work

**PROJECT:-**
- Develop one product combining any two techniques

**Instructions for paper setters**
- There will be two questions in all carrying 30 marks each

**References:**
- Naik Shailaja ,”Traditional Embroideries of India”, APH Publication, NewDelhi,1996
SEMESTER-IV
GARMENT CONSTRUCTION-IV

PRACTICAL
OBJECTIVES:

• To acquire construction skills for basic garments for children and adult women.

Time: 4 Pds/week          Total Marks: 75
Exam: 60
Int. Ass.: 15
Time: 3 Hrs.

1. Drafting and construction of:
   • Petticoat
   • Salwaar & Kameez
   • Plain blouse
   • Churidaar

Instructions for paper setters
1. There will be only one question including drafting (15 marks) cutting (10 marks) and construction & finishing (35 marks) of any one garment.

References:
- Thomas Anna Jacob, “The Art of Sewing” UBS Publishers Distributions Ltd, New Delhi, 1994
- Readers Digest-Sewing Book
- Armstrong Helen Joseph, “Pattern making for Fashion Designing”.

SEMESTER IV
PATTERN MAKING- II

THEORY
OBJECTIVES:

• To teach different aspects of Pattern Making.

Time: 3 Pds/Week          Total marks: 50
Exam: 40
Int. Ass: 10
Time: 3 Hrs.

UNIT -I
1). Preparation of fabric before cutting.
2). Fitting and Principles of good fit.

UNIT -II
3). Fitting problems and remedies related to bodice
   • Bust- High Bust, Low Bust, Large Bust, smaller than average bust
   • Length- Too Long, Too Short
   • Shoulders- Narrow Shoulder, Broad Shoulder, Square Shoulder, Sloping Shoulder, Round Shoulder, straight back

UNIT-III
4). Fitting problems and remedies related to
   • Sleeve -large upper arm, narrow sleeve, binding sleeve cap
   • Skirt-large and small derriere, large and small hips, sway back,

UNIT-IV
5). Fitting problems and remedies related to
   • Neckline – thin neck, full neck, gapping neckline
   • Trouser- length, hipline, waist line, width of the leg, large abdomen, large and flat derriere

Instructions for paper setters
1. There will be total nine questions carrying equal marks. Two questions from each unit and one compulsory question covering all the units.
2. Five questions will be attempted in all. Question No. 1 will be compulsory carrying short answer type questions, fill in the blanks or true/false.
3. Each question will carry eight marks (8X5=40)

SEMESTER IV
PATTERN MAKING- II

PRACTICAL
OBJECTIVES
• To teach different aspects of Patter making.

TIME: 4 Pds/week

1). Standard Measurement Chart
2). Contour Designs
   • Surplice or Wrap Design
   • Off-Shoulder
   • Halter
3).Designing, drafting and paper pattern of ( and construction of any one)
   • One piece dress
   • Top with dart manipulation
   • Skirt- Flared, Pleated ,Gored ,Yoke ,Tiers ,Peplum

Instructions for Paper setters.
There will be three questions in all.
Each question carries 20 marks.

Reference:
- Armstrong Joseph Helen, “Pattern Making for Fashion Design”.

SEMESTER-IV
KNITTING TECHNOLOGY-II

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

Time: 3 Pds/wk                                            Total marks: 50

Exam: 40
Int. Ass.: 10
Time: 3 Hrs.

UNIT-I
1. Introduction to Knitting Technology
2. Terms used in knitting.
3. Difference between Knits and Woven.

UNIT-II
4. Hand and machine Knitting
5. Indian Knitting industry-past, present and future.

UNIT-III
6. Warp and weft knitting, comparison of warp and weft knitting
7. Weft knit stitches-single jersey, rib, purl, interlock, float and tuck stitches
8. Warp knit stitches- underlap, closedlap, openlap, Tricot, Milanese, Rachel knit.
9. Knitted fabric defects

UNIT-IV
10. Different types of knitting machine needles and their working
11. Knitting machines-weft and warp Knitting machines, flat bed & circular

(Assignment and Presentation)

- Collection of knitted swatches
- Presentation on knit stitches
Instructions for Paper setters

- There will be eight questions carrying equal marks
- Five questions will be attempted in all. Question no 1 will be compulsory carrying short answer type questions, fill in the blanks or true/ false.
- Each question will carry eight marks (8 X 5 = 40)

References:
- Prof. Ajgaonkar D.V, “Knitting Technology” Univeristy Publishing Co. Mumbai
- Brackenbury Terry, “Knitting Clothing Technology” Black well Science, UK
- Spencer David J, “Knitting Technology” Pergeman Press, UK.

SEMESTER-IV
TEXTILE FINISHES

OBJECTIVES:
- To acquaint students about different types of finishes applied on different fabrics

Time: 3 Pds/week

Total marks: 50
Exam: 40
Int. Ass: 10
Time: 3hrs

UNIT-1
1. Introduction to Finishes and its importance.
2. Classification of Finishes
   - Aesthetic and Functional
   - Mechanical and Chemical
   - Finishes that affect: Texture, Durability, Drape, Comfort, Biological Resistance, Safety, Environmental Resistance and Ease of Care
   - Finishes according to different fibers
3. Preparation of Fabrics for finishing (Singeing, Desizing, Scouring, Bleaching)

UNIT-II
4. Mechanical Finishes: Beetling, Brushing and Shearing, Weighting, Sanforising, Tentering, Calendering, (Simple, Friction, Moireing, Embossing, Schreinering), Napping, Sizing and Glazing
5. Dimensional Stability & Heat Setting Finishes

UNIT-III
6. Chemical Finishes
   Mercerizing, Crease Resistant, Fire-proof & Fire Retardant, Water-proof & Water Repellant, Anti-static, Wrinkle Resistant
UNIT-IV

7. Other Finishes
   Antipilling, Optical Brightening, Delusterig, Creping, Plisse, Burnt-out, Gigging, Raising,
   Sueding, Decating, Fume-Fading

Instructions for paper setters
1. There will be total nine questions carrying equal marks.
2. Two questions from each unit and one compulsory question covering all the units. Five questions will be
   attempted in all.
3. Question No. 1 will be compulsory carrying comprising short answers from all the units,
   Fill in the blanks or true/false.
4. Each question will carry eight marks

References:
- Shenai VA “Technology of Textile Processing, Technology of dyeing (4th edition), Sewak Publications,
- Introductory Textile Science, M L Joseph
- Textile fabrics and their Selection, Isabel B Wingate and June F Mohler

SEMESTER-IV
TEXTILE PRINTING

PRACTICAL
OBJECTIVES:

- To enable students to develop practical skills of printing and dyeing
Time 4Pds/week

Total Marks: 75
Exam: 60
Int. Ass: 15
Time: 3hrs.

1. Techniques of Printing
   a) Block Printing
      • Single, Double & Multi Colored printing
      • Different Layouts-Central, Corner, Border and All over.
   (b) Stencil Printing
   (c) Flat and Photographic Screen Printing

2. Resist Dyeing of Fabric
   • Tie and dye
   • Batik
Note: Preparation of different articles using above techniques.

Instruction to the Paper-Setters:
- There will be two questions in all.
- Each question will be of 30 marks.
References:
- Textiles by Hollen Saddler- Macmillian Publishing Company, New York
- Understanding Textiles by P S Tortora-Prentice Hall Inc., New Jersey

SEMESTER IV
CONCEPT OF FASHION-II

THEORY
OBJECTIVES:
- To create awareness about clothing culture.
- To Impact knowledge of clothing communication and fashion expression.

Time: 3 pds/week          Total Marks:  50
Exam: 40
Int. Ass. : 10
Time: 3 Hrs.

SECTION-A
UNIT-I
1. Origin of clothing-
   • Theory of protection
   • Modesty
   • Adornment
2. Clothing for different age group
   • Infant
   • Children
   • Adult
   • Elderly

UNIT-II
3. Clothing and First Impression
4. Motivation

UNIT-III
5. Clothing and society-
   Religion and culture
   Occupation
   Ceremonies and occasion

UNIT-IV

SECTION- B
Sessional work- Sessional work will be based on above mentioned topics

Instructions for paper setters
3. There will be total nine questions carrying equal marks. Two questions from each unit and one compulsory question covering all the units.
4. Five questions will be attempted in all. Question No. 1 will be compulsory carrying short answer type questions, fill in the blanks or true/false.

References:
5. Study of clothing, “Houghm Mifflin Company, Bosien
6. Kafgen Mary, Individuality in clothing, Houghton Mifflin Company
7. Dynamics of fashion by Elaine stone

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B.Sc. Fashion Design 3rd Year

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<th>III</th>
<th>Marketing and Merchandising Th.</th>
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| TOTAL |                         | 800 | 31  |
MARKETING AND MERCHANDISING

THEORY

OBJECTIVES:

To acquaint students with knowledge of marketing and its environment
To make them understand the importance of fashion forecasting.

Time 3 Pds/wk Total marks: 50
Exam: 40
Int. Ass: 10
Time : 3 hrs.

UNIT-I

1. Marketing terminology: marketing, market, niche, target customer, vendor, supplier, franchise, market research, sales.
2. Fashion market.
3. Introduction to marketing environment (macro and micro),
   • The company’s Micro environment
     → Supplier, Marketing intermediates, Customers, competitions
     The company Macro environment - Demographic, natural, political.

UNIT-II

4. Sales promotion techniques- Advertising, Personal selling & direct marketing.
5. Retailing, Techniques of Retailing.
6. Role of fashion buyer, buying cycle, effect of fashion cycle.

UNIT-III

7. Fashion forecasting- introduction
8. Merchandising- introduction, role of merchandiser, types of merchandising.
9. Export documentation- export marketing, global scenario.

UNIT-IV

10. Export and import policies.
11. Prospects of Indian apparel in overseas market.

Instructions for paper setters

1. There will be total nine questions carrying equal marks. Two questions from each unit and one compulsory question covering all the units.
2. Five questions will be attempted in all. Question No. 1 will be compulsory carrying short answer type questions, fill in the blanks or true/false.
3. Each question will carry eight marks (8X5=40)
MARKETING AND MERCHANDISING

PROJECT (Not exam based)
OBJECTIVES:

- To acquire knowledge about various brands of apparel and accessories
- To gain knowledge about various display materials and installations and different kind of storage displays

Time 2 Pds/wk Total marks: 50

1. Survey on famous brands available in market for men, women and children (10 marks)
2. Sourcing of fabrics, fasteners and trims (10 marks)
3. Various display material and installations (10 marks)
4. Layout design and illustration for different kinds of store display (10 marks)
5. Thematic window display for a specific store or boutique (10 marks)

Note: The assessment of the project will be done internally.

References

- Jeannette Jarnow, Dickerson,” Inside the Fashion Business’ Prentice Hall, USA.

PATTERN AND MARKER MAKING ON COMPUTER

PRACTICAL
OBJECTIVES:

- To apply the knowledge of pattern making software for making patterns and grading.

Time: 4 pds/wk Total Marks: 100
Exam: 80
Int. Ass: 20
Time: 3 hrs.

Sloper development for bodice-block with basic sleeve block, trouser, shirt, one piece dress, overcoat, manipulation of single dart series, seams and seams allowances.
- Basic principles of marker making on computer (cutting and layout).
- Cross marking and notching
- Manipulating grain line
- Grading
- Practice exercise.


**Instructions for paper setters.**

- There will be two questions in all each carrying 40 marks.
- Each question can be sub-divided into parts according to the paper setters.

**References:**


**PATTERN MAKING-II**

**OBJECTIVES:**

- To impart draping and grading skills to the students.

Time: 4 pds/wk          Total marks: 100
Exam:          80
Int. Ass. : 20
Time : 3 hrs.

1. Drafting of basic skirt block and trousers.
2. Preparation of patterns (drafting method) of different types of skirts: A-line, Full circular, Pleated.
3. Draping of basic bodice block-Front and Back (Demonstration).
4. Pattern Development for Frock (Strapped, Yoked)
   (i) Style reading   (ii) Adaptation
5. Dart manipulation – single dart, multiple dart, princess line.
6. Grading of:
   - Basic bodice and sleeve block.
   - Basic skirt

**Instructions for paper setters.**

1. There will be three questions in all each.
2. One question will be set from Sr. No. 1 & 2 carrying 30 marks.
3. One question will be set from Sr. No. 3 carrying 20 marks.
4. One question will be set from Sr. No. 4 to 6 carrying 30 marks.

**References:**

APPAREL MANUFACTURING TECHNOLOGY

THEORY

OBJECTIVES:

- To acquaint students with various machines used in apparel industry.
- To impart quality consciousness and awareness of quality parameter required for apparel quality products.

Time: 3pds/wk

Total Marks: 50
Exam: 40
Int. Ass: 10
Time: 3 hrs.

UNIT-I

1. Introduction to entrepreneurship development- steps in setting up an enterprise.
2. Work flow and brief study of various departments of apparel manufacturing unit.

UNIT-II

3. Introduction to quality control- Definition of quality, importance of quality assurance, stages of quality control in apparel industry.
4. Garment inspection using different methods.
5. Applying quality assurance programmers in fabric department, cutting department, production and finishing department.

UNIT-III

6. Packaging - Importance and various materials used for packaging.
7. Care labels, care labeling systems, Eco labeling.

UNIT-IV

8. Different types of Industrial sewing machines, and their uses.
9. Special purpose machines.
   ✶ Visit to garment Industry/Export house.

Instructions for paper setters

1. There will be total nine questions carrying equal marks. Two questions from each unit and one compulsory question covering all the units.
2. Five questions will be attempted in all. Question No. 1 will be compulsory carrying short answer type questions, fill in the blanks or true/false.
3. Each question will carry eight marks (8X5=40)

References:

- Ruth EC, “Apparel manufacturing and Sewn product analysis”.
HISTORY OF WORLD COSTUMES

THEORY

OBJECTIVES:
• To acquaint the students with different types of world costumes of different periods.

Time: 3pds/wk

Total Marks: 50
Exam: 40
Int. Ass: 10
Time: 3 hrs.

Study of world costumes during following periods:

UNIT-I
1. Egyptian
2. Greek and Crete

UNIT-II
3. Assyrian
4. Persian and Babylonian costumes.

UNIT-III
5. Roman
6. Byzantine

UNIT-IV
7. French-Middle Ages, Renaissance, French revolution, Romantic period.

NOTE: For Assignment & Presentation
• Presentation- adapting period costumes to contemporary use.
• Screening of period film.
• A visit to museums.

Instructions for paper setters
1. There will be total nine questions carrying equal marks. Two questions from each unit and one compulsory question covering all the units.
2. Five questions will be attempted in all. Question No. 1 will be compulsory carrying short answer type questions, fill in the blanks or true/false.
3. Each question will carry eight marks (8X5=40)

Book Recommended:
Essential Reading:

Further Readings:
2. The Victoria and Albert Museum’s Textile Collection British Textiles from 1850 to 1900, by Linda Parey V and A Publications.
LINE DEVELOPMENT

PRACTICAL
OBJECTIVES:

- To make students understand the importance of portfolios.
- To impart skills of portfolio presentation.

Time: 8 pds/wk

Total Marks- 200

Internal- 150

External- 50

- Study of fashion forecast
- Conceptualization of theme, mood board, designing, fabric sourcing, pattern development, construction and show casing

Note:
The assessment of the line development will be done by an Internal and External Jury 150 marks for the Internal Jury. The internal Jury will judge all the steps of the design process as shown below: -

Marks for: -

- Moodboard; theme 10 marks
- Philosophy; Story board 10 Marks
- Concept board; work sheets; spec sheets 20 marks
- Sourcing 10 marks
- Fabric Development 20 marks
- Illustrations 20 marks
- Proto type 20 marks
- Collection 40 marks

➤ 50 marks for External Jury. Students will present their creations on their models. The jury members will judge the presentation.

➤ A fashion show may be held for the audience later. This will not carry any marks.

References:
- Elizabeth Drudi, “Figure Drawing for Fashion Design”, The Pepin Press.
PRACTICAL
OBJECTIVE:

• To understand and apply the knowledge of advanced garment construction techniques.

Time: 4 pds/wk       Total marks- 100
Exam: 80
Int. Ass.: 20
Time : 3 hrs.

1. Drafting and construction of :
   • Shorts
   • Nighty and gown
   • Circular skirt
   • Blouse
   • Salwar/Kameez /Churidar

Instructions for paper setters

   There will be one question drafting (15 marks) cutting (10 marks ) and construction & finishing (55 marks) of any one garment.

References:

- Readers digest- Sewing Book
- Armstrong Helen Joseph, “Pattern Making for Fashion designing”.
- Mullick Prem Lata, “Garment Construction Skills”.

INTERNIAL

TOTAL MARKS-100

Each candidate has to compulsory undergo an industrial apprenticeship in any one of the garment industry or Research and Development institute or any organization for a period of 4 weeks. After completion of the internship, the student has to submit the project report and certificate from the concerned industry to the teacher.

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