FACULTY OF SCIENCE

SYLLABI

FOR

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

EXAMINATIONS 2014-2015

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

<table>
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<tr>
<th>Sr. No</th>
<th>Subject</th>
<th>Credit Hours</th>
<th>Theory Marks</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 Paper of Environment & Road Safety Education is a compulsory qualifying paper, which the students have to study in the B.A./B.Sc. 1st year (2nd Semester). If the student/s failed to qualify the paper during the 2nd Semester, he/she/they be allowed to appear/qualify the same in the 4th or 6th Semester/s.
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

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 pds/week

Total Marks: 75

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

2. Motif Enlargement and Reduction
3. Sample making of following traditional embroideries
   - Kantha
   - Chamba Rumal
   - Kashida
   - Chikankari
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

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

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
   • Gatherers.

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”.

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• Mullick Prem Lata, “Garment construction Skills”.

• Readers digest sewing Book
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, dobbý

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: Basics of Windows, 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 subdivided 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.
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:**

### प्रश्नमार्फत परिचय

- उद्देश्य: 100
- विद्यार्थी: 90
- एनबीएम: 10
- मात्रा: 3 पृष्ठें

### प्रश्नमार्फत परिचय

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### वेक्स

1. **वर्गिक-महाभक्ति**
   - वर्गिक-महाभक्ति द्वारा वर्गि के अन्तर्गत पंजाबी विद्यार्थीलार है।

2. **वर्गिक-लोपक**
   - वर्गिक-लोपक द्वारा वर्गि के अन्तर्गत पंजाबी विद्यार्थीलार है।

3. **वर्गिक-प्रतिभाक**
   - वर्गिक-प्रतिभाक द्वारा वर्गि के अन्तर्गत पंजाबी विद्यार्थीलार है।

4. **वर्गिक-संस्कृत**
   - वर्गिक-संस्कृत द्वारा वर्गि के अन्तर्गत पंजाबी विद्यार्थीलार है।

5. **वर्गिक-संस्कृत**
   - वर्गिक-संस्कृत द्वारा वर्गि के अन्तर्गत पंजाबी विद्यार्थीलार है।

6. **वर्गिक-संस्कृत**
   - वर्गिक-संस्कृत द्वारा वर्गि के अन्तर्गत पंजाबी विद्यार्थीलार है।

7. **वर्गिक-संस्कृत**
   - वर्गिक-संस्कृत द्वारा वर्गि के अन्तर्गत पंजाबी विद्यार्थीलार है।

### पुस्तिक अनुसंधान

1. **वर्गिक-संस्कृत**
   - वर्गिक-संस्कृत द्वारा पंजाबी विद्यालय में प्रदर्शित है।

2. **वर्गिक-संस्कृत**
   - वर्गिक-संस्कृत द्वारा पंजाबी विद्यालय में प्रदर्शित है।

3. **वर्गिक-संस्कृत**
   - वर्गिक-संस्कृत द्वारा पंजाबी विद्यालय में प्रदर्शित है।

4. **वर्गिक-संस्कृत**
   - वर्गिक-संस्कृत द्वारा पंजाबी विद्यालय में प्रदर्शित है।

5. **वर्गिक-संस्कृत**
   - वर्गिक-संस्कृत द्वारा पंजाबी विद्यालय में प्रदर्शित है।

6. **वर्गिक-संस्कृत**
   - वर्गिक-संस्कृत द्वारा पंजाबी विद्यालय में प्रदर्शित है।

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सरकारी पुस्तकें:
1. उपवाित सिध (डॉ.), वसंत देशकर विषयवस्तु, पंथव स्टेट पुलिसबाब्विक टेलीसाइंस अंग्रेज़ी बेंक्स, चंडीगढ़, 1981.
2. इंस्पेक्टर सिध (डॉ.), वसंत देशकर विषयवस्तु, पंथव स्टेट पुलिसबाब्विक टेलीसाइंस अंग्रेज़ी बेंक्स, चंडीगढ़, 1997.
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4. वसंत देशकर विषयवस्तु एक्साम, पंथव स्टेट पुलिसबाब्विक टेलीसाइंस अंग्रेज़ी बेंक्स, चंडीगढ़, 1997.
5. वसंत देशकर विषयवस्तु एक्साम, पंथव स्टेट पुलिसबाब्विक टेलीसाइंस अंग्रेज़ी बेंक्स, चंडीगढ़, 2008.
6. वसंत देशकर विषयवस्तु एक्साम, पंथव स्टेट पुलिसबाब्विक टेलीसाइंस अंग्रेज़ी बेंक्स, चंडीगढ़, 2002.
7. वसंत देशकर विषयवस्तु एक्साम, पंथव स्टेट पुलिसबाब्विक टेलीसाइंस अंग्रेज़ी बेंक्स, चंडीगढ़, 1981.

पैटर्न:
1. टेलीसाइंस करें रथे दे दे पीलीबाह।
2. वसंत देशकर लड़ी 25-30 किमीबाटबीसं का बाढ़ भरते रथे दे फिका हेड पीलीबाह।
3. रथे दे 6-3-9 पीलीबाह।

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4. Accountable
5. Accuracy
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11. Allowance
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<td>Withdrawal</td>
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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 1:

| 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, Munshi Ram 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

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<th>Sr. No</th>
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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
   ■ Kutch and Kathiawar
   ■ Kasuti
   ■ Phulkari
   ■ Sindhi
   ■ Manipuri
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
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
• Chattopadhyay k., “Handicrafts and Industrial Arts of India”, Taraporevala sons & co. Pvt. Ltd.
• Mumbai, 1960
• NaikShailaja D, “Traditional Embroideries of India”, APH Pub. Corp, New Delhi, 1996
• Paine Sherla, “Embroidered Textiles”, Thames and Hudson Ltd, 1990
• Chattopadhyay K, “Indian Embroidery”, Wiley Eastern Ltd., New Delhi, 1977
• 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

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

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:
- 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 pds/week

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

Total Marks: 75

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, sources 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:
• Corbman, “Textile Fiber to Fabric” Mc Graw Hill
• PG Tartora, “Understanding Textiles.

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.
References:

FA BRI C CO NSTRU CTION-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

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
• Quilted fabric
• Fiber reinforced composites (FRC)

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 –tattting
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

Total Marks: 50
Exam: 40
Int. Ass. : 10
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 sub divided 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 question shall be of 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 nor 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.
प्रश्नीय (हंसभ)  
समेत  

dेवाण (100)
कमाण: 90
तपाई समेत: 10
भाग: 3 भागों

प्रश्नीय  

dेवाण (100)
कमाण: 90
तपाई समेत: 10
भाग: 3 भागों

1. आयुष्मान पश्चिमी विधि से अवधारित  
2. नेपाली वारसी क्षेत्र से अवधारित  
3. मैं-तीर्थनी क्षेत्र से अवधारित  
4. पुढील विष्ट तुम्बारवा दे आपात पंडाएँ कुद्र दुर्गुण बादे धर्म  
5. पुढील विष्ट प्रतिभाम  
6. विज्ञापन : सिधां दे विज्ञापन  
7. भागवते

विज्ञापन  

dेवाण (100)
कमाण: 90
तपाई समेत: 10
भाग: 3 भागों

1. ताण-पुरुष अ.व.क. दर्शन मिष्ट वस्तृत, वस्तृत विधि, पश्चिमी पुरस्कारनेको, चंडीगढ़ (मात्रे चार वर्ष काफी)  
2. वर्ष कपड़ों, (मुख्यमंत्री) दर्शन मिष्ट वस्तृत, वस्तृत विधि, पश्चिमी पुरस्कारनेको, चंडीगढ़ (मात्रे चार वर्ष काफी)  
३. दोगो विष्ट दृष्टि भि, बटसार वेदी, वानूकी धर्म मंडल, अभिमृत  
(7 दे 12 नृत्यप्रद वर्ष)

पुढील अवधारित  

dेवाण (100)
कमाण: 90
तपाई समेत: 10
भाग: 3 भागों

1. ताण-पुरुष तिथि पूजना पारंपरिक विभवविभाजन (दे विधि विभिन्न)  
2. वर्ष-पुरुष तिथि पूजना विधि वर्षादी व ा वारंग का मात्र (दे विधि विभिन्न)  
३. मैं-तीर्थनी पूजना तिथि पूजना विधि व ा वारंग का मात्र (दे विधि विभिन्न)  
4. ताण-पुरुष, वर्ष-पुरुष तिथि मैं-तीर्थनी एवं मैं-तीर्थनी तिथि पूजना दे दुर्गुण (15 दे 10 पूजन, दुर्गुण वर्ष वारंग विधि विभिन्न)  
५. युवता विधि वर्षादी विभिन्न (पारंपरिक, अभिमृत्युविभाजन अव. चाँद वेदी या वारंग तिथि समेत)  
६. पुढील विधि पूजनांक  
(10×2=20)  
७. भागवते: आवश्यक दे काफी वर्ष युगाँध (विधि विधि के बादे)  
(2 × 4=8 दे)

प्रश्नीय धारणा  

dेवाण (100)
कमाण: 90
तपाई समेत: 10
भाग: 3 भागों

1. उपवीक्षण मिष्ट (दर्शन), वर्ष कपड़ों पश्चिमी विधि, पश्चिमी पुरस्कारनेको टेस्टमैक स्का मैन, चंडीगढ़  
2. ग्राहक निभाईने मिष्ट मात्र, नेपाली वारसी क्षेत्र, नेपाली वारसी एवं भव्य, नेपाली वारसी, 1997.  
3. संचार वडकौट, पश्चिमी विधि (दर्शन) दे सर्व पूजन (दर्शन, तृतीय पूजनसमेत, तृतीय पूजन, अभिमृत्यु, 2012.  
4. पश्चिमी विश्व अवधारित, पश्चिमी वारसी क्षेत्र, पश्चिमी वारसी विधि, नेपाली वारसी, 2008.  
5. वर्ष कपड़ों मिष्ट (दर्शन), पश्चिमी विधि, मिष्ट मात्र विधि, चंडीगढ़ पुरस्कार इत्यादि, 2002.  
6. पश्चिमी विधि, नेपाली विधि मिष्ट (दर्शन), सिधां दे विधि, सर्व पूजन, तृतीय पूजन, सर्व पूजन इत्यादि, 2002.
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:

<table>
<thead>
<tr>
<th>Map</th>
<th>10 Marks</th>
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</thead>
<tbody>
<tr>
<td>Explanatory Note</td>
<td>08 Marks</td>
</tr>
</tbody>
</table>

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 1:

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.).
UNIT I (ENVIRONMENT)

Note: The syllabus has 15 topics to be covered in 25 hour lectures in total, with 2 lectures in each topic from 2 to 11 and one each for the topics 1 and 12 to 15.

1. Environment Concept:
   Introduction, concept of biosphere—lithosphere, hydrosphere, atmosphere; Natural resources—their need and types; principles and scope of Ecology; concepts of ecosystem, population, community, biotic interactions, biomes, ecological succession.

2. Atmosphere:
   Parts of atmosphere, components of air; pollution, pollutants, their sources, permissible limits, risks and possible control measures.

3. Hydrosphere:
   Types of aquatic systems. Major sources (including ground water) and uses of water, problems of the hydrosphere, fresh water shortage; pollution and pollutants of water, permissible limits, risks and possible control measures.

4. Lithosphere:
   Earth crust, Soil—a life support system, its texture, types, components, pollution and pollutants, reasons of soil erosion and possible control measures.

5. Forests:
   Concept of forests and plantations, types of vegetation and forests, factors governing vegetation, role of trees and forests in environment, various forestry programmes of the Govt. of India, Urban Forests, Chipko Andolan.

6. Conservation of Environment:
   The concepts of conservation and sustainable development, why to conserve, aims and objectives of conservation, policies of conservation; conservation of life support systems—soil, water, air, wildlife, forests.

7. Management of Solid Waste:
   Merits and demerits of different ways of solid waste management—open, dumping, landfill, incineration, resource reduction, recycling and reuse, vermicomposting and vermiculture, organic farming.

8. Indoor Environment:
   Pollutants and contaminants of the in-house environment; problems of the environment linked to urban and rural lifestyles; possible adulterants of the food; uses and harms of plastics and polythene; hazardous chemicals, solvents and cosmetics.

9. Global Environmental Issues:
   Global concern, creation of UNEP; Conventions on climate change, Convention on biodiversity; Stratospheric ozone depletion, dangers associated and possible solutions.

10. Indian Laws on Environment:
    Indian laws pertaining to Environmental protection : Environment (Protection) Act, 1986; General information about Laws relating to control of air, water and noise pollution. What to do to seek redressal.

11. Biodiversity:
    What is biodiversity, levels and types of biodiversity, importance of biodiversity, causes of its loss, how to check its loss; Hotspot zones of the world and India, Biodiversity Act, 2002.

12. Noise and Microbial Pollution:
    Pollution due to noise and microbes and their effects.

13. Human Population and Environment:

14. Social Issues:
    Environmental Ethics : Issues and possible solutions, problems related to lifestyle, sustainable development; Consumerisms and waste generation.
15. **Local Environmental Issues:**
   Environmental problems in rural and urban areas, Problem of Congress grass & other weeds, problems arising from the use of pesticides and weedicides, smoking etc.

**Practicals:**
Depending on the available facility in the college, a visit to Vermicomposting units or any other such non-polluting eco-friendly site or planting/caring of vegetation/trees could be taken.

**Examination Pattern:**
A qualifying paper of 50 marks comprising of fifty multiple choice questions (with one correct and three incorrect alternatives and no deduction for wrong answer or unattempted question), and of 1 hour duration.

The students have to obtain 33% marks to qualify the paper. The marks are not added/included in the final mark sheet.

**UNIT II (ROAD SAFETY)**

1. Concept and Significance of Road Safety.
2. Role of Traffic Police in Road Safety.
3. Traffic Engineering – Concept & Significance.
5. How to obtain Driving License.
7. Common Driving mistakes.
8. Significance of First-aid in Road Safety.
9. Role of Civil Society in Road Safety.

**Note:** **Examination Pattern:**
- The Environment and Road Safety paper is 70 marks.
- Seventy multiple choice questions (with one correct and three incorrect alternatives and no deduction for wrong or unattempted questions).
- The paper shall have two units: **Unit I (Environment) and Unit II (Road Safety).**
- Unit II shall comprise of 20 questions with minimum of 1 question from each topics 1 to 10.
- The entire syllabus of Unit II is to be covered in 10 hours.
- All the questions are to be attempted.
- Qualifying Marks 33 per cent i.e. 23 marks out of 70.
- Duration of examination: 90 minutes.
- The paper setter is requested to set the questions strictly according to the syllabus.

**Suggested Readings**
2. Road Safety Signage and Signs (2011), Ministry of Road Transport and Highways, Government of India.

**Websites:**
(a) [www.chandigarhpolice.nic.in](http://www.chandigarhpolice.nic.in)
(b) [www.punjabpolice.gov.in](http://www.punjabpolice.gov.in)
(c) [www.haryanapolice.gov.in](http://www.haryanapolice.gov.in)
(d) [www.hppolice.nic.in](http://www.hppolice.nic.in)
## B.Sc. (Fashion Designing) 2nd Year

<table>
<thead>
<tr>
<th>II</th>
<th>Course</th>
<th>Th.</th>
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<th>10</th>
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<td>80</td>
<td>20</td>
<td>100</td>
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<td>80</td>
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<td>Pattern Making-I Th.</td>
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<td>Pattern Making-I Pr.</td>
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<td>Knitting Technology Th.</td>
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<td>Textile Science-II Th.</td>
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</tbody>
</table>

### B.Sc. II

1. FASHION DESIGN ILLUSTRATION- Practical
2. HISTROY OF INDIAN COSTUMES- Theory
3. NEEDLE CRAFT- Practical
4. GARMENT CONSTRUCTION-II- Practical
5. PATTERN MAKING-I- Theory
6. PATTERN MAKING-I- Practical
7. KNITTING TECHNOLOGY- Theory
8. KNITTING TECHNOLOGY- Practical
9. TEXTILE SCIENCE-II- Theory
10. TEXTILE SCIENCE-II- Practical
11. ENGLISH
FASHION DESIGN ILLUSTRATION

PRACTICAL

OBJECTIVES:

• To enable students to gain knowledge of figure sketching and drawing.
• To gain knowledge of various fashion details.
• To acquaint students with knowledge of CAD based application in fashion designing.

Time: 4 pds/week

Exam: 80
Int. Ass. : 20
Total Marks: 100

Time : 3 hrs.

1. FLAT SKETCHING AND FIGURE DRAWING

• Sketching of various fashion details- Necklines, collars, sleeves, cuffs, pockets, frills, flounces, bows, tops, skirts, trousers and silhouettes.
• Sketching of accessories.
• Rendering texture of fabrics in dresses- lace, leather, fur, datin, denim, wool and knitted.
• Designing of casual and formal wear for children and women (3 each).

THEMATIC PORTFOLIO DEVELOPMENT

2. CAD

• Croqui drawing
• 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)
• Designing of casual and formal wear for children and women (one each)

Instructions for paper setters.

• 1. There will be two questions in all.
• 2. One question will be set from Sr. No. 1, carrying 40 marks.
• 3. One question will be set from Sr. No. 2, carrying 40 marks.
• 4. Each question can be sub-divided into parts according to the question.

References:

- Elizabeth Drudi, “Figure Drawing for fashion design”, the pepin press
- Ritu, “Fashion Design and illustrations”, Indica publishers
HISTORY OF INDIAN COSTUMES

THEORY

OBJECTIVES:

- To acquaint the students with different types of Indian costumes.

Time: 3 pds/week

<table>
<thead>
<tr>
<th>Total Marks: 50</th>
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<tbody>
<tr>
<td>Exam : 40</td>
</tr>
<tr>
<td>Int. Ass. : 10</td>
</tr>
<tr>
<td>Time : 3 hrs.</td>
</tr>
</tbody>
</table>

STUDY OF INDIAN COSTUMES DURING FOLLOWING PERIODS:

UNIT-I

1. Indus valley Period
2. Vedic Period.

UNIT-II

3. Mauryan and Sunga Period
4. Satavahana Period
5. Kushan Period
6. Gupta Period

UNIT-III

7. Mughal Period
8. British Period

UNIT-IV

9. Costumes of different states of India

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:

- Bina Abling, “Costumes”.

NEEDLE CRAFT

PRACTICAL

OBJECTIVES:

• To enable students to learn methods of surface ornamentation of fabric using different techniques to produce value added products.

• To enable students to develop practical skills in needle craft techniques.

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

Preparation of samples with the following techniques:

1. Patch work and quilting: Introduction, tools, material and techniques.
2. Applique: Introduction, tools, material and techniques.
3. Crochet- Introduction, tools, material, techniques and types- single, double.
4. Machine Embroidery, cut work, glass work and drawn thread work.
5. Special techniques- smocking, ribbon work, beads and sequins work.

PROJECT

• Develop one product based on anyone technique of needle craft.
• Develop one product based on crocheting.

Instructions to paper setters.

1. There will be three questions in all.
2. One question will be set from Sr. No. 1 & 2, carrying 25 marks.
3. One question will be set from Sr. No. 3 & 4, carrying 25 marks.
4. One question will be set from Sr. No. 5, carrying 30 marks.

References:

- Pandi S., “Embroideries of India”. 

GARMENT CONSTRUCTION-II

PRACTICAL

OBJECTIVES:

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

Time: 4 Pds/week Total Marks: 100
Exam: 80
Int. Ass.: 20

Time: 3 hrs.

1. Drafting and construction of:
   - Petticoat
   - Pyjama
   - Bushirt
   - Romper
   - Frock with gathers, puff sleeve and baby collar.

Instructions for paper setters

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

Reference:
- 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”.

PATTERN MAKING- I

THEORY

OBJECTIVES:

- To teach different aspects of Pattern Making.

Time: 3 Pds/Wk 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. Fitting- principles of good fit, various fitting problems and its remedies

UNIT-III

3. 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

4. Fabric estimation and its importance
   Different types of pattern layout
   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)

PATTERN MAKING- I

PRACTICAL

TIME: 4 Pds/wk Total Marks: 100
Practical: 80
Int. Ass: 20
Time : 3 hrs.

1) Anthropometry
   1. Locating the landmarks (ii) Methods of taking body measurements.
2) Drafting of adult bodice block and sleeve block
3) Developing of patterns and construction of
   - Collars-Peter pan, sailor’s, cape, shawl, mandarin, stand & fall, convertible.
   - Sleeves-set in (pull, bell, cap), extension of bodice (Magyar) part of bodice (raglan and saddle).
   - Yokes- straight, round, V shape, in seam, torso yoke, simulated yoke.

Instructions for Paper setters.

- There will be three questions in all
- One question will be set from Sr. No. 1 & 2 carrying 30 marks.
- One question will be set from Sr. No 3 carrying 50 marks.
Reference:
- Armstrong Joseph Helen, “Pattern Making for Fashion Design”.

KNITTING TECHNOLOGY

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)  Introducing 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, Milanes, Rachel knit.
9)  Comparison of warp and weft knitting.
10)  Knitted fabric defects

UNIT-IV
11)  Knitting machines-weft and warp Knitting machines, flat bed & circular
    * Different types of knitting machine needles and their working.
    (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)
KNITTING TECHNOLOGY

PRACTICAL

TIME: 2 Pds/wk

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<td>Exam: 40</td>
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<td>Int. Ass: 10</td>
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<td>Time: 3 hrs.</td>
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1. Knitting- Introduction terminology, hand knitting tools, material, techniques, basic textures, ribs, laces, cables, multi-colored knitting.
2. Preparation of knitting samples- single jersey, rib, purl and float, tuck stitches.

Instructions for Paper setters.

- There will be two questions of knitting samples in all carrying 20 marks each.
- Sample size should be specified.

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

TEXTILE SCIENCE-II

THEORY

OBJECTIVES:

- To acquaint students with different types of printing and dyeing techniques.

Time: 3 Pds/wk

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<thead>
<tr>
<th>Total marks: 50</th>
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<tbody>
<tr>
<td>Exam: 40</td>
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<tr>
<td>Int. Ass: 10</td>
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<td>Time: 3 hrs.</td>
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</tbody>
</table>

UNIT-I


UNIT-II

2. - Colour fastness
   - Dyeing defects.

UNIT-III

3. Fabric finishing and its importance
   - Preparatory processes (singeing, desizing, scouring, bleaching).
   - Routine finishes-beetling, calendaring, carbonization, mercerization, sizing, softening, anti-shrink, weighting, milling
   - Special purpose finishes-flame proof and retardant, water proof/ repellent, durable press and permanent press, moth proofing, soil repellent, anti static.
UNIT-IV

4. - Techniques of decorative dyeing.
   - Styles and methods of printing

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)

TEXTILE SCIENCE-II

PRACTICAL
OBJECTIVES:

- To enable students to develop practical skills of printing and dyeing

Time 2 Pds/wk Total marks: 50
Exam: 40
Int. Ass: 10
Time : 3 hrs.

1. Dyeing of cellulosics with different classes of dyes-direct and reactive.
2. Dyeing of wool and silk with acid and basic dyes
3. Printing (using pigment binder) block printing, screen printing and stencil printing
4. Preparation of articles using these techniques

Instructions for Paper setters.

- There will be two questions in all.
- One question will be set from Sr. No. 1 & 2 carrying 20 marks
- One question will be set from Sr. No 3 carrying 20 marks.

References:

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
IV. J. C. Bose, Aldous Huxley
V. The Position of Women in Ancient India, Padmini Sen Gupta

Drama:
VI. The Rising of the Moon, Lady Gregory
VII. Waterloo, Arthur Conan Doyle
VIII. The Proposal, Anton Chekhov
IX. Riders to the Sea, J. M. Synge
X. 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 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)
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 nor 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:
<table>
<thead>
<tr>
<th>III</th>
<th>COURSE TITLES</th>
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<tbody>
<tr>
<td>Marketing and Merchandising Th.</td>
<td>1. MARKETING AND MERCHANDISING- Theory</td>
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<tr>
<td>Marketing and Merchandising Pr.</td>
<td>2. MARKETING AND MERCHANDING- Practical</td>
</tr>
<tr>
<td>Pattern and Marker Making on Computer Pr.</td>
<td>3. PATTERN AND MARKER MAKING ON COMPUTER- Practical</td>
</tr>
<tr>
<td>Pattern Making-II Pr</td>
<td>4. PATTERN MAKING-II- Practical</td>
</tr>
<tr>
<td>Apparel Manufacturing Technology Th.</td>
<td>5. APPAREL MANUFACTURING TECHNOLOGY- Theory</td>
</tr>
<tr>
<td>History of world costumes Th.</td>
<td>6. HISTORY OF WORLD COSTUMES- Theory</td>
</tr>
<tr>
<td>Line Development Pr</td>
<td>7. LINE DEVELOPMENT- Practical</td>
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<tr>
<td>Garment Construction-III Pr.</td>
<td>8. GARMENT CONSTRUCTION-III- Practical</td>
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<td>Internship</td>
<td>9. INTERNSHIP</td>
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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:
• Veisinet DD, “computer Aided Drafting and Design- Concept and Application”, 1987.

PRACTICAL
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:
• Jaffe Hilde and Relis Nurie, “Draping for Fashion Design”, Prentice Hall
• Goulbourn Margartha, “Introduction Pattern Cutting, Grading and Modeling,” Batsford Pub., U.K.
• Shoben Martin, “Grading”, Batsford Pub. U.K.
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 |
| Int. Ass: 10 | Exam: 40 |
| 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.
GARMENT CONSTRUCTION-III

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”.

INTERNISHIP

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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