

FACULTY OF VOCATIONAL STUDIES

**SYLLABUS
Of**

B.SC. IN FASHION DESIGNING

(Semester: I _IV)

(Under Continuous Evaluation System)

Session: 2019-20



The Heritage Institution

**KANYA MAHA VIDYALAYA
JALANDHAR
(Autonomous)
B.SC. FASHION DESIGNING**

B.SC. FASHION DESIGNING
Schemes of Studies and Examination
Session: 2019-20
(Semester-I)

Course code	Course name	Course type	Marks				Examination time (in hours)
			total	Ext.		CA	
				L	P		
BFDL-1421 BFDL-1031 BFDL-1431	Punjabi (Compulsory) Basic Punjabi PHC	C	50	40	-	10	3
BFDL-1102	Communication skills in English	C	50	40	-	10	3
BFDM-1233	Basics of Design and Illustration	C	100	50	30	20	3+3
BFDL-1234	Concept of Fashion	C	50	40	-	10	3
BFDM-1235	Basics of Sewing-I	C	100	50	30	20	3+4
BFDM-1126	Basics of Computer	C	100	50	30	20	3+3
BFDM-1237	Fibre to Fabric	C	100	50	30	20	3+3
AECD- 1161	Drug Abuse	AECC	50	40	-	10	3
SECF-1492	Foundation Programme	VBCC	25	25	-	-	1
	TOTAL		550				

B.SC. FASHION DESIGNING
Schemes of Studies and Examination
Session: 2019-20
(Semester-II)

Course code	Course name	Course type	Marks				Examination time (in hours)
			total	Ext.		CA	
				L	P		
BFDL-2421 BFDL-2031 BFDL-2431	Punjabi (Compulsory) Basic Punjab PHC	C	50	40	-	10	3
BFDM-2102	Communication skills in English	C	50	25	15	10	3
BFDM-2233	Traditional Textiles	C	75	40	20	15	3+3
BFDM-2234	Fabric Construction	C	75	40	20	15	3+3
BFDM-2235	Basics of Sewing-II	C	100	50	30	20	3+4
BFDP-2126	Basics of Computer	C	50	-	40	10	3
BFDV-2237	Industrial Visit	C	50	-	20(rep ort+3 0(viva)	-	-
AECD- 2161	Drug Abuse	AECC	50	40	-	10	3
SECM-2502	Moral Education Programme	VBCC	25	25	-	-	1
	TOTAL		450				

B.SC. FASHION DESIGNING
Schemes of Studies and Examination
Session: 2019-20
(Semester-III)

Course code	Course name	Course type	Marks				Examination time (in hours)
			Total	Ext.		CA	
				L	P		
BFDM-3231	Colour Concepts & Coloration	C	100	50	30	20	3+3
BFDM-3232	Pattern Making & Garment Construction	C	150	50	70	30	3+4
BFDM-3233	Knitting Technology	C	100	50	30	20	3+3
BFDP-3234	Fashion Design and Illustration	C	50	-	40	10	3
BFDP-3235	Needle Craft	C	100	-	80	20	3
SECP-3512	Personality Development	AC	25	Grade only			1
	TOTAL		500				

**B.Sc. Fashion Designing
(Semester-IV)
Schemes of Studies and Examination
Session 2019-20**

Course code	Course Name	Course type	Marks				Examination Time (in hrs.)
			Total	Ext.		CA	
				L	P		
BFDM-4231	History of Costumes	C	100	50	30	20	3+3
BFDM-4232	Garment Construction & Draping	C	150	40	80	30	3+4
BFDP-4233	Fashion Design and Illustration (CAD)	C	100	-	80	20	3
BFDP-4234	Fashion Illustration and appreciation	C	50	-	40	10	3
BFDP-4235	Pattern and Marker Making on Computer	C	100	-	80	20	3
AECE-4221	Environmental Studies	AECC	100	60	20	20	3
SECS-4522	Social work	AC	Grade only				
	TOTAL		500				

***AECC- Ability enhancement compulsory course**

Note-* Marks of these courses will not be added in total marks. Only grades will be provided

B.SC FASHION DESIGNING

Session 2019-20

Program Specific Outcomes

- PSO1: This programme will give students a strong sense to think and forecast.
- PSO2: This programme will focus on integral elements of the subjects ranging from fabric analysis, understanding principles of design, fashion illustration, pattern making and garment construction.
- PSO3: This programme abides by the evolving trends, norms, cultural dynamics and innovations of the Indian and International fashion industry.
- PSO4: Students being innovative design thinkers will be enabled to apply comprehensive abilities in creating and presenting products.
- PSO5: This programme will help students to achieve technical skills to analyze and execute a design.
- PSO6: Students will be trained to imbibe aesthetics of design and create collections for consumers.
- PSO7: This programme will enable students to create their original designs which convert their artistic talent and creativity in creating products like clothing, textiles, jewelry, footwear and other accessories.
- PSO8: This programme will make students eligible and competent enough to exhibit their fashion skills to satisfy their creative fancies.
- PSO9: The students will emphasize on practical and industry oriented methodology and training.
- PSO10: Students will get aware of ever changing market trends and related fashion.
- PSO11: Students will be enabled to use latest computer aided methods of design to work in fashion industry.

B.SC FASHION DESIGNING (Semester I)

Session 2019-20

gzikph (bkiawh)

Course Code: BFDL-1421

COURSE OUTCOMES

- CO1: nksw nBksw' g[;se d/ eftsk Gkr Bz{ gVQkT[D dk wB'oE ftfdnkoEhnK nzdo eftsk gqsh fdbu;gh, ;{M Bz{ g?dk eoBk j? sK fe T[j nkX[fBe d"o ftu uZb ojhnK ekft XkoktK ns/ ethnK pko/ frnkB jkf;b eo ;eD.
- CO2: fJ; dk j'o wB'oE eftsk dh ftnkfynk, ftPb/PD s/ w[bzeD dh gqfefonk s'A ikD{ eokT[Dk th j? sK fe T[j ;wekbh ;wki dhnK ;wZf;nktK Bz{ ;wM ;eD ns/ nkb'uBkswe fdqPNh pDk ;eD.
- CO3:fJfsjk;e :kdK (fJfsjk;e b/y ;zrqfj) g[;se B{z f;b/p; ftu PkfwB eo e/ ftfdnkoEhnK nzdo gVQD dh o[uh Bz{ g?dk eoBk j? ns/ w[ZbtkB fJfsjk; s'A ikD{ eotkT[Dk j?.
- CO4:g?oQk ouBk ns/ g?oQk gVQ e/ gqPBK d/ T[so d/D dk wBo'E ftfdnkoEhnK dh p[ZXh B{z shyD eofdnK T[BK dh fbyD gqfsGk B{z T[ikro eoBk j?.
- CO5:X[Bh ftT[As gVQD Bkb ftfdnkoEh X[BhnK dh T[ukoB gqDkbh s'A tke| j'Dr/.
- CO6:GkPk tzBrhnK Bz{ gVQkT[D dk wB'oE ftfdnkoEhnK nzdo gzikph GkPk dh nwhoh dk ns/ pkohehnK Bz{ ;wMD bJh tZyo/ - tZyo/ f;XKsK dk ftek; eoBk j?.

B.SC FASHION DESIGNING (Semester I)

Session 2019-20

gzikph (bkiawh)

Course Code: BFDL-1421

;wK L 3 xzN/

Total Marks: 50

Ext: 40

CA: 10

gkm eqw ns/ gkm g[;seK

**□□□□-□ nksw nBksw (eftsk Gkr),(;zgH ;[fjzdo pho ns/ tfonkw f;zx ;zX{) r[o{ BkBe d/t
:{Bhtof;Nh, nzfwqs;o.**

(□□□□□□ □□□□ □□□□□□, □□□)

08 nez

□□□□□-□□

**fJfsjk;e :kdK (fJfsjk;e b/y ;zrqfj) ;zgkH ;H;Hnw'b,gzikph ;kfjs gqekPB, b[fXnkDk □ (b/y 1
s'A 6)**

(□□□□□ □□ □□□, □□□□-□□□□)

08 nze □□□□□-□□

(□) g?oQk ouBk

(□) g?oQk gVQ e/ gqPBK d/ T[so.

08 nze □□□□□-□□

(T) gzikph X[Bh ftT[As L T[ukoB nzs, T[ukoB ;EkB s/ ftXhnK, ;to, ftnziB, □□□□□□□□.

**(n) GkPk tzBrhnK L GkPk dk Ne;kbh o{g, GkPk ns/ T[g-GkPk dk nzso, gzikph
T[gGkPktK d/ gSkD fuzBQ.**

08 nze

B.SC FASHION DESIGNING (Semester-I)

nze tzv ns/ gohfyne bJh jdkfJsK

1H gqPB gso d/ uko Gkr j'Dr/. jo Gkr ftu d' gqPB g[S/ ikDr/.

2H ftfdnkoEh B/ e[b gzi gqPB eoB/ jB. jo Gkr ftu'A fJe gqPB bklwh j?. gzik gqPB fe;/

th Gkr ftu'A ehsk ik ;edk j?.

3H jo/e gqPB d/ 08 nze jB.

4H g/go ;?N eoB tkbk i/eo ukj/ sK gqPBK dh tzv nr'A tX s'A tX uko T[g gqPBK ftu eo ;edk j?.

B.SC FASHION DESIGNING (Semester I)

Session 2019-20

**w[ZYbh gzikph
(In lieu of Compulsory Punjabi)**

Course Code: BFDL-1031

Course Outcomes

- CO1:w[ZYbh gzikph gVQkT[D dk wB'oE ftfdnkoEhnK B{z gzikph GkPk B{z f;ykT[D dh gqfefonk ftu gk e/ fJe j'o GkPk f;ZyD d/ w"e/ gqdkB eoBk j?.
- CO2:fJ; ftu ftfdnkoEh B{z pkohephBh Bkb GkPk dk nfXn?B eotkfJnk ikt/rk.
- CO3:ftfdnkoEhnK B{z gzikph Ppd ouBk s'A ikD{ eotkfJnk ikt/rk.
- CO4:w[ZYbh gzikph gVQkT[D dk wB'oE ftfdnkoEhnK B{z fBZs tos'A dh gzikph Ppdktbh pko/ dZ;Dk j?.
- CO5:w[ZYbh gzikph gVQkT[D dk wB'oE ftfdnkoEhnK dk Ppd x/ok ftPkb eoBk j?.
- CO6:ftfdnkoEhnK B{z gzikph ftu j|s/ d/ ;s fdBK d/ BK, pkoQK wjhfbnK d/ BK, oZ[sK d/ BK, fJe s'A ;" se frDsh PpdK ftu f;ykT[Dk j?.

B.SC FASHION DESIGNING (Semester I)

Session 2019-20

**w[ZYbh gzikph
(In lieu of Compulsory Punjabi)**

Course Code: BFDL-1031

;wK L 3 xzN/

Total Marks: 50

Ext: 40

CA: 10

gkm eqw

;?ePB J/

**g?Ash nyoh, nyo eqw, g?o fpzdh tkb/ toD ns/ g?o ftu g?D tkb/ toD ns/ wksqtK (w[Ybh ikD gSkD)
brkyo (fpzdh, fNgh, nXe) L gSkD ns/ tos'A .**

08nze

;?ePB ph

**gzikph Ppd pDso L w[Ybh ikD gSkD (;kXkoB Ppd, ;z:[es Ppd, fwPos Ppd, w{b Ppd, nr/so ns/
fgS/so)**

08nze

;?ePB ;h

**fBs tos'A dh gzikph Ppdktbh L pkiko, tgko, foPs/Bks/, y/sh ns/ j'o XzfdnK nkfd Bkb ;zpzXs.
08 nze**

;?ePB vh

**j|s/ d/ ;s fdBK d/ BK, pkoQK wjhfbnK d/ BK, o[sK d/ BK, fJe s'A ;" se frDsh PpdK ftu .
08 nze**

B.SC FASHION DESIGNING (Semester-I)

nze tzv ns/ gohfyne bJh jdkfJsK

1H gqPB gso d/ uko Gkr j'Dr/. jo Gkr ftu d' gqPB g[S/ ikDr/.

2H ftfdnkoEh B/ e[b gzi gqPB eoB/ jB. jo Gkr ftu'A fJe gqPB bkiwh j?.gzitK gqPB fe;/ th Gkr
ftu'_ ehsk ik ;edk j?.

3H jo/e gqPB d/ nZm nze jB.

4H g/go ;?N eoB tkbk i/eo ukj/ sK gqPBK dh tzv nr'A tX s'A tX uko T[g gqPBK ftu eo ;edk j?.

B.SC FASHION DESIGNING (Semester-I)

Session 2019-20

Punjab History & Culture (From Earliest Times to C.320) (Special Paper in lieu of Punjabi compulsory)

Course Code: BFDI-1431

Course Outcomes

After completing Semester I and course on Punjab History and Culture students of History will be able to:

- CO1: Identify and describe the emergence of earliest civilizations in the Indus Valley and Aryan Societies.
- CO2: Identify and analyze the Buddhist, Jain and Hindu faith in the Punjab.
- CO3: Analyses the emergence of Early Aryans and Later Vedic Period, their Society, Culture, Polity and Economy.
- CO4: Understand the concepts of two faiths Jainism and Buddhism, their principles and their application and relevance in present times.

B.SC FASHION DESIGNING (Semester-I)

Session 2019-20

Punjab History & Culture (From Earliest Times to C.320) (Special Paper in lieu of Punjabi compulsory)

Course Code: BFDI-1431

Examination Time: 3Hours

Max. Marks: 50

Ext: 40

CA: 10

Instructions for the Examiner

- Question paper shall consist of four Units.
- Candidates shall attempt 5 questions in all, by at least selecting One Question from each section and the 5 th question may be attempted from any of the four sections. Each question will carry 8 marks.

Unit -I 1.

Physical features of the Punjab and impact on history.

2. Sources of the ancient history of Punjab.

Unit- II

3. Harappa Civilization: Town planning; social, economic and religious life of the India Valley People.

4. The Indo-Aryans: Original home and settlement in Punjab. **Unit- III**

5. Social, Religious and Economic life during later Rig Vedic Age.

6. Social, Religious and Economic life during later Vedic Age. **Unit- IV**

7. Teaching and impact of Buddhism

8. Jainism in the Punjab

Book References:

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

B.SC FASHION DESIGNING (Semester-I)

Session 2019-20

Communication Skills in English

Course code: BFDL-1102

Course Outcomes

After passing this course the students will develop the following Skills:

- CO1: Reading skills that will facilitate them to become an efficient reader.
- CO2: The ability to realize not only language productivity but also the pleasure of being able to articulate well.
- CO3: The power to analyze, interpret and infer the ideas in the text.
- CO4: The ability to have a comprehensive understanding of the ideas in the text and enhance their critical thinking.
- CO5: Writing skills of students which will make them proficient enough to express ideas in clear and grammatically correct English.
- CO6: Ability to plan, organize and present ideas coherently on a given topic.
- CO7: The skill to use an appropriate style and format in writing letters (formal and informal).

B.SC FASHION DESIGNING (Semester-I)

Session 2019-20

COMMUNICATION SKILLS IN ENGLISH –I

(Theory)

Course Code: BFDL-1102

Examination Time: 3Hours

Max. Marks: 50

Ext: 40

CA: 10

The syllabus is divided in four sections as mentioned below:

UNIT–I

Reading Skills: Reading Tactics and strategies; Reading purposes—kinds of purposes and associated comprehension; Reading for direct meanings.

UNIT–II

Reading for understanding concepts, details, coherence, logical progression and meanings of phrases/ expressions.

Activities:

- Comprehension questions in multiple choice format
- Short comprehension questions based on content and development of ideas

UNIT–III

Writing Skills: Guidelines for effective writing; writing styles for application, personal letter, official/ business letter.

Activities

- Formatting personal and business letters.
- Organizing the details in a sequential order

UNIT–IV

Resume, memo, notices etc.; outline and revision.

Activities:

- Converting a biographical note into a sequenced resume or vice-versa
- Ordering and sub-dividing the contents while making notes.
- Writing notices for circulation/ boards

Recommended Books:

1. Oxford Guide to Effective Writing and Speaking by John Seely.
2. Business Communication, by Sinha, K.K. Galgotia Publishers, 2003.
3. Business Communication by Sethi, A and Adhikari, B., McGraw Hill Education 2009.
4. Communication Skills by Raman, M. & S. Sharma, OUP, New Delhi, India (2011).
5. English Grammar in Use: A Self Study Reference and Practice Book Intermediate
6. Learners Book by Raymond Murphy, Cambridge University Press.

Instructions for the paper setter and distribution of marks:

The question paper will consist of four sections and distribution of marks will be as under:

The question paper will be divided into four sections:

Section-A: The question of theoretical nature will be set from **UNIT-I** of the syllabus with internal choice and it will consist of 8 marks.

Section -B: Two comprehension passages will be given to the students based on the UNIT-II and the candidates will have to attempt one carrying 8 marks. **Section -C:** Two questions will be given based on the topics given in the UNIT-III and the candidates will have to attempt one carrying 8 marks.

Section -D: One out of the two questions will have to be attempted by the candidates based on the topics given in UNIT-IV of the syllabus. It will carry 8 marks.

Important Note:

The candidate will have to attempt five questions in all selecting one from each section of the question paper and the fifth question may be attempted from any of the four sections. (8 x 5 = 40 marks)

B.SC FASHION DESIGNING (Semester-I)

Session 2019-20

BASICS OF DESIGN AND ILLUSTRATION

Course Code: BFDM-1233

Course Outcomes

- CO1: Students will be introduced to art media and its application in day to day life.
- CO2: Students will build an understanding about the fundamentals, elements, and principles of design.
- CO3: Students will get acquainted with the concept of color and various color schemes.
- CO4: Students will learn about fashion design concepts. Its types and illustration techniques.
- CO5: Students will practically be enabled to use different design and color concepts in figure, both still and in motion.
- CO6: Students will gain knowledge of figure sketching, basic croqui formation and overall figure stylization.

B.SC FASHION DESIGNING (Semester I)

Session 2019-20

BASICS OF DESIGN AND ILLUSTRATION

(THEORY)

Course Code: BFDM-1233

Examination Time: 3+3 Hrs

Total Marks: 100

Theory: 50

Practical: 30

CA: 20

Instructions for the Examiner:

- Question paper will have four units.
- Examiner will set a total of 8 questions comprising two questions from each unit.
- Students are required to attempt five questions in all, choosing one question from each unit and fifth question from any unit. Questions can have subunits. □ All questions carry equal marks.

UNIT-I

- Introduction to art media and its application- different art media like pencils, pencil colors, crayons, poster colors, erasers, acrylic rendering and shading skills. **UNIT-II**
- Elements of art and design -line, form, shape, space, size, textures and color.
- Design -Definition and types

UNIT-III

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

UNIT-IV

- Color - dimensions of color, hue, value, and intensity.
- Color wheel.
- Color schemes- their importance and applications

Books References:

- 1 . Sewing Techniques and Patterns, Marie – Naelle Bayard .
2. Tata Sharon Lee, “Inside Fashion Design”, 1977, Francisco Canfield Press.
3. Ireland Patrick John, Fashion Design Drawing and Presentation”, 1996, B.T. Batsford, London.
4. Seaman Julian, Professional Fashion Illustration”, 1995, Batsford, London,.

B.SC FASHION DESIGNING (Semester I)

Session 2019-20

BASICS OF DESIGN AND ILLUSTRATION

(PRACTICAL)

Course Code: BFDM-1233

Total Marks: 30

Instructions for the examiner

- Paper will be set jointly by the internal and external examiner on the spot.

PRACTICAL

- Introduction to art media and its application.
- The basic drawing and rendering of equipments using, pencils, crayons, poster and acrylic colors etc. □ Introduction to basic sketching techniques.
- Free hand sketching of day to day objects - flowers, flowerpots, leaves, barks, scenery (natural), houses, basic geometrical figures composed into interesting composition by combining different shapes (geometric) and all other kinds of drawings (abstract).
- Color- Preparation of color wheel, grey scales, color schemes and tints and shades.
- Figure stylization - Basic croquets, division of the body to make the 8 head figure, 10 head figure, 12 head figure, Fleshing out body.
- Figure in motion - Geometrical blocks to make different postures, Segregate into postures as normal standing, walking, running and sitting and fleshing of croquis.

Books References:

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

B.SC FASHION DESIGNING (Semester-I)

Session 2019-20

CONCEPT OF FASHION

Course Code: BFDM-1234

Course Outcomes

- CO1: Students will get acquainted with fashion terminology.
- CO2: Students will get clarity about different fashion concepts, principles and their importance in today's world.
- CO3: Students will get aware of the movement of fashion and factors affecting it.
- CO4: Student will build knowledge of the fashion theories.
- CO5: Students will understand in depth the fashion cycle.
- CO6: Students will get knowledge of social and psychological aspects of clothing.

B.SC FASHION DESIGNING (Semester I)

Session 2019-20

CONCEPT OF FASHION (THEORY)

Course Code: BFDL-1234

Examination Time: 3 Hrs

Total Marks: 50

Ext: 40

CA: 10

Instructions for the Examiner:

- Question paper will have four units.
- Examiner will set a total of 8 questions comprising two questions from each unit.
- Students are required to attempt five questions in all, choosing one question from each unit and fifth question from any unit. Questions can have subunits. □ All questions carry equal marks.

UNIT-I

- Fashion Terminology - fashion, style, change, fashion cycles, fad, classic, boutique, croqui, fashion trends, haute couture, designer, prêt-a-porter, and silhouette.
- Fashion –Definition and its importance.

UNIT-II

- Fashion forecasting – Long term and short term
- Principles of Fashion

UNIT-III

- Factors affecting fashion.
- Difference between fashion and anti-fashion.
- Role of social and psychological aspects of clothing

UNIT-IV

- Fashion cycles - Introduction and its stages, length and break in fashion cycle.
- Fashion theories - Trickle down, trickle across and bottom up theory

Book References:

1. James Laver; Andrew Tucker; Amy de la Haye “Costume and Fashion” (2009), ISBN: 0500203482
2. Valerie Steele (Editor), “The Berg Companion to Fashion” (2010), Ref GT511 .B474 2010
3. Debbie Ann Gioello; Beverly Berke, “Fashion Production Terms” (1994), Ref TT503 .G5

B.SC FASHION DESIGNING (Semester-I)

Session 2019-20

BASIC OF SEWING-I

Course Code: BFDM-1235

Course Outcomes

- CO1: Students will be introduced to the sewing machine and its maintenance.
- CO2: Students will be imparted knowledge of various parts of machine used for sewing
- CO3: Students will understand the common problems and the remedies of the working of sewing machine. .
- CO4: Students will get familiar with sewing techniques i.e basic hand stitches used in clothing.
- CO5: Students will understand the basic seams and seam finishes used in clothing construction.
- CO6: Students will get acquainted with the garment details like darts, pleat ,tucks and gathers.
- CO7: Students will be incisive with the placement of plackets and pockets in garment construction.

B.SC FASHION DESIGNING (Semester I)

Session 2019-20

BASICS OF SEWING-I (THEORY)

Course Code: BFDM-1235

Examination Time: 3+4 Hrs

Total Marks: 100

Theory: 50

Practical: 30

CA: 20

Instructions for the Examiner:

- Question paper will have four units.
- Examiner will set a total of 8 questions comprising two questions from each unit
- Students are required to attempt five questions in all, choosing one question from each unit and fifth question from any unit. Questions can have subunits. □ All questions carry equal marks.

UNIT-I

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

Tools and equipments used in clothing construction

- Measuring tools
- Marking tools
- Cutting tools
- Sewing tools
- Finishing tools

UNIT-II

- Sewing Machine-
- Parts of sewing machine
- Different type of sewing machines
- Care and maintenance of sewing machine
- Common problems and their remedies
- Knowledge of size of needles, thread, stitches according to the fabric

UNIT-III

- Basic hand stitches-Basting, tacking, running, hand overcast, hemming stitches (plain and blind), slip stitches, tailor tack
- Different type of seams, seam finishes and their applications.
- Fullness – Darts, tucks, pleats, gathers (definition, types and their applications)

UNIT-IV

- Finishes- Neckline (Binding, Facing)
- Plackets – Definition and types
- Pockets- Different types
- Fasteners – Definition, types and present trends

Book References:

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

B.SC FASHION DESIGNING (Semester I)

Session 2019-20

BASICS OF SEWING-I (PRACTICAL)

Course Code: BFDM-1235

Total Marks: 30

Instructions for the Examiner

- Paper will be set jointly by the internal and external examiner on the spot.

PRACTICAL

- Introduction to Basic hand stitches
- Running stitch, Even, uneven & diagonal tacking, Visible & invisible hemming, Back stitch, Half back stitch, buttonhole stitch, fasteners & buttons Darning, Renovation .
- Introduction to different parts of sewing machine and their care and maintenance
- Seams and seam finishes – Plain, flat, Top seam, run and fell, French, counter hem, Mantua maker, over lock, hand over cast, turned and stitched, binding.
- Fullness – Darts(leg dart, fish dart)
 - Tucks (pin, cross, shell, smock, release tucks)
 - Pleats (knife, box, inverted pleats)
 - Gathers, shearing,
- Neckline Finishes (facing, piping, binding), yokes.
- Plackets – continuous, two piece placket, extended bodice trimmings.
- Pockets – Patch, welt, inseam, bound, flap, kurta.

Book References:

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

B.SC. FASHION DESIGNING (Semester-I)

Session 2019-20

BASICS OF COMPUTER

Course Code: BFDm-1126

Course Outcomes

After passing this course the student will be able to:

- CO1: Students will analyze basic working of computer and its components.
- CO2: Students will gain knowledge of computer Equipments- hardware and software.
- CO3: Students will recognize how to use word processing software for creating professional documents.

B.SC FASHION DESIGNING (Semester I)

Session 2019-20

BASICS OF COMPUTER (PRACTICAL)

Course Code: BFDM-1126

Examination Time: 3+3 Hrs

Total Marks: 100

Theory: 50

Practical: 30

CA: 20

Instructions for the Examiner:

Eight questions of equal marks are to set, two in each of the four Section (A-D).

Questions of Section (A-D) should be set from Units I-IV of the syllabus respectively.

Questions may be divided into parts (not exceeding four).

Candidates are required to attempt five questions selecting one question from each section. The fifth question from may be attempted from any section

UNIT-I

- Introduction to Computer, Data Processing, Concept of data and information,

UNIT-II

- Classification of computer.
- Computer Hardware-Central Processing Unit, Main Memory, Secondary Memory
- I/O devices

UNIT-III

- General concept of Ms Word: Word Processing, Formatting, editing □ MS-Word: Spell-grammar check, Mail Merge, Printing and saving.

UNIT-IV

- Computer applications in various fields of fashion Industry.

Book References:

1. C.E. Bezan: Computer Aided Design & Manufacturers, Ahmedabad: Mapin Publishing; 2000.
2. David Bedworth and Philip Wolfe “Computer Integrated Design and Manufacturing”
3. M P Groover “Automation, Production systems and Computer Integrated Manufacturing”

B.SC FASHION DESIGNING (Semester-I)

Session 2019-20

FIBRE TO FABRIC

Course Code: BFDM-1237

Course Outcomes

- CO1: Students will build knowledge of textile terminology.
- CO2: Students will get knowledge of fiber, sources of fibers and their definitions.
- CO3: Students will understand the essential and desirable properties of fibers and classification of the same.
- CO4: Students will understand the physical and chemical properties of natural and synthetic fibers and will be enabled to differentiate between them.
- CO5: Students will be provided with knowledge of yarn science and yarn properties.
- CO6: Students will be capable to undertake visual identification of different types of yarns.

B.SC FASHION DESIGNING (SEMESTER I)

Session 2019-20
FIBRE TO FABRIC
(THEORY)

Course Code: BFDM-1237

Examination Time: 3+3 Hrs

Total Marks: 100

Theory: 50

Practical: 30

CA: 20

Instructions for the Examiner

- Question paper will have four units.
- Examiner will set a total of 8 questions comprising two questions from each unit
- Students are required to attempt five questions in all, choosing one question from each unit and fifth question from any unit. Questions can have subunits. □ All questions carry equal marks.

UNIT-I

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

UNIT-II

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

UNIT-III

- Manufacturing process and the properties of different fibres
- Viscose rayon
- Nylon
- Spandex

UNIT-IV

- Types and uses of yarn – Simple yarn, fancy yarns, textured yarns □ Yarn properties- count, twist in yarn, twist direction,.
- Introduction to spinning.

Books Recommended:

1. Norman Hollen and Jane Saddler, “Textiles” Second Edition. (1949), The Macmillan Company, New York. Collee- Macmillan, Limited London.
2. Bernard P.Corbman, Textiles Fiber to Fabric, Mc Graw, Hill International Editions,(1993), Cataloging Publications.
3. Isabel, B. Wingate Textile Fabrics and their Selection, (1976) Prentice- Hall Inc., Engle Wood Cliffs, N.J.
4. Katarine Paddock, Textile Fibres and their Use-Sixth edition, (1954) –Oxford & IBH Publishing Co.,Calcutta, Bombay, New Delhi.
5. Dorothy Siegert Lyle, Modern Textiles – (1971) Jonh Wiley and Sons Inc., New York, London, Sydney, Toronto.
6. Kanwar Varinder Pal Singh, Introduction to Textile, Kalyani Publisher.

B.SC FASHION DESIGNING (Semester I)

Session 2019-20

FIBRE TO FABRIC (PRACTICAL)

Course Code: BFDM-1237

Total Marks: 30

Instructions for the Examiner

- Paper will be set jointly by the internal and external examiner on the spot.

PRACTICAL

Identification of Fibres

- Microscopic appearance, burning test and solubility test for different fibres □ Visual identification of spun, filaments, cords, cable and fancy yarns □ Collection of different types of yarns.

Books Recommended:

1. Norman Hollen and Jane Saddler, "Textiles" Second Edition. (1949), The Macmillan Company, New York. Collee- Macmillan, Limited London.
2. Bernard P. Corbman, Textiles Fiber to Fabric, Mc Graw, Hill International Editions, (1993), Cataloging Publications.
3. Isabel, B. Wingate Textile Fabrics and their Selection, (1976) Prentice- Hall Inc., Engle Wood Cliffs, N.J.

B.SC FASHION DESIGNING (Semester I)

Session 2019-20

**DRUG ABUSE
(THEORY)**

Course Code: AECD-1161

Course Outcomes:

- CO1. This information can include factual data about what substance abuse is; warning signs of addiction; information about how alcohol and specific drugs affect the mind and body;
- CO2. How to be supportive during the detoxification and rehabilitation process.
- CO3. Main focus of substance abuse education is teaching individuals about drug and alcohol abuse and how to avoid, stop, or get help for substance use disorders.
- CO4. Substance abuse education is important for students alike; there are many misconceptions about commonly used legal and illegal substances, such as alcohol and marijuana.

B.SC FASHION DESIGNING (Semester I)

Session 2019-20

DRUG ABUSE (THEORY)

Course Code: AECD-1161

Examination Time: 3Hrs

Total Marks: 50

Theory: 40

CA: 10

Instructions for the Paper Setter

Eight questions of equal marks are to be set, two in each of the four Sections (A-D). Questions of Sections A-D should be set from Units I-IV of the syllabus respectively. Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section.

UNIT-I

1) Meaning of Drug Abuse: Concept and Overview, Historical Perspective of Drug Abuse, Drug Dependence, Drug Addiction, Physical and Psychological Dependence: Drug Tolerance and withdrawal symptoms.

UNIT-II

2) Types of Abused Drugs and their Effects -I

- 1) Stimulants: Amphetamines – Benzedrine, Dexedrine, Cocaine.
- 2) Depressants: Alcohol Barbiturates: Nembutal, Seconal, Phenobarbital and Rohypnol.
- 3) Narcotics: Heroin, Morphine, Oxycodone.

UNIT-III

3) Types of abused drugs and their effects - II

- 1) Hallucinogens: Cannabis, Marijuana, Hashish, Hash Oil, MDMA, LSD.
- 2) Steroids.

UNIT-IV

4) Nature and Extent of the Problem: Magnitude or prevalence of the menace of Drug Abuse in India and Punjab, Vulnerable groups by age, gender and economic status, Signs and Symptoms of Drug Abuse: Physical, Academic, Behavioural and Psychological Indicators.

Book References:

1. Ahuja, Ram (2003), Social Problems in India, Rawat Publication, Jaipur.
2. Extent, Pattern and Trend of Drug Use in India, Ministry of Social Justice and Empowerment, Government of India, 2004.
3. Inciardi, J.A. 1981. The Drug Crime Connection. Beverly Hills: Sage Publications.
4. Kapoor. T. (1985) Drug epidemic among Indian Youth, New Delhi: Mittal Pub.
5. Modi, Ishwar and Modi, Shalini (1997) Drugs: Addiction and Prevention, Jaipur: Rawat Publication.
6. National Household Survey of Alcohol and Drug abuse. (2003) New Delhi, Clinical Epidemiological Unit, All India Institute of Medical Sciences, 2004.
7. Sain, Bhim 1991, Drug Addiction Alcoholism, Smoking obscenity New Delhi: Mittal Publications.
8. Sandhu, Ranvinder Singh, 2009, Drug Addiction in Punjab: A Sociological Study. Amritsar: Guru Nanak Dev University.
9. Singh, Chandra Paul 2000. Alcohol and Dependence among Industrial Workers: Delhi: Shipra.
10. Sussman, S and Ames, S.L. (2008). Drug Abuse: Concepts, Prevention and Cessation, Cambridge University Press.

B.SC.FASHION DESIGNING (SEMESTER-I)

FOUNDATION PROGRAMME

Course title: Foundation Programme

Course duration: 30 hours

Course intended for: Sem. I students of all streams (UG Only)

Course credits: 2

Course code: SECF-1492

PURPOSE & AIM

This course has been designed to strengthen the intellectual foundation of all the new entrants in the college. One of the most common factors found in the students seeking admission in college after high school is the lack of an overall view of human history, knowledge of global issues, peaks of human intellect, social/political benchmarks and inventors & discoverers who have impacted human life. The Foundation Programme intends to bridge the gap between a high school and college education and develop an intellectual readiness and base for acquiring higher education.

INSTRUCTIONAL OBJECTIVES

- to enable the students to realise their position in the whole saga of time and space
- to inculcate in them an appreciation of life, cultures and people across the globe
- to promote, in the students, an awareness of human intellectual history
- to make them responsible and humane world citizens so that they can carry forward the rich legacy of humanity

CURRICULUM

Course Code: V1

Course Credits: 1

Total Contact Hours: 20

MODULE	TITLE	HOURS
1	Introduction & Initial Assessment	1
2	The Human Story: A Panoramic View from Primitive to the Present Times	2.5
3	<i>The Vedas, The Gita</i> & Eastern Philosophy	1.5
4	<i>The Holy Bible</i> & Genesis	1.5
5	Woman: A Journey through the Ages	1.5
6	Changing Paradigms in Society, Religion & Literature	1.5
7	Indian Freedom Struggle & Makers of Modern India	1.5
8	Racism & Martin Luther King Jr.	1.5
9	Modern India at a Glance: Geographical, Political, Economic & Cultural Perspective	1.5
10	Modern World at a Glance: Political & Economic Perspective	1.5
11	Technology & Human Life	1.5
12	The KMV Experience	1.5
13	Final Assessment, Feedback & Closure	1.5

EXAMINATION

- Final multiple choice quiz. Marks – 20; Time: 1 hour
- Comparative assessment questions (medium length) in the beginning and close of the programme. Marks: 5; Time: 0.5 hour each at the beginning and end. □ Total marks: 25 converted to grade for final result

SYLLABUS

Module1: Being a Human: Introduction & Initial Assessment

- Introduction to the programme
- Initial Assessment of the students through written answers to a couple of questions

Module 2: The Human Story

- Comprehensive overview of human intellectual growth right from the birth of human history
- The wisdom of the Ancients
- Dark Middle Ages
- Revolutionary Renaissance
- Progressive Modern Times
- Most momentous turning points, inventions and discoveries

Module 3: *The Vedas, The Gita & The Indian Philosophy*

- Origin, teachings and significance of *The Vedas*
- Upnishads and Puranas
- Karma Theory of *The Bhagwad Gita*
- Main tenets of Buddhism & Jainism
- Teachings of Guru Granth Sahib

Module 4: *The Holy Bible & Genesis*

- Book of Genesis: Creation and Fall
- Noah's Ark
- Moses & The Ten Commandments
- Christ and His teachings
- Christianity and the world

Module 5: Changing Paradigms in Society, Religion & Literature

- Renaissance: The Age of Rebirth
- Transformation in human thought
- Importance of humanism
- Geocentrism to heliocentrism
- Copernicus, Galileo, Columbus, Darwin and Saint Joan
- Empathy and Compassion

□

Module 6: Woman: A Journey through the Ages

- Status of women in pre-vedic times
- Women in ancient Greek and Roman civilizations
- Women in Vedic and ancient India
- Status of women in the Muslim world
- Women in the modern world
- Crimes against women
- Women labour workforce participation
- Women in politics
- Status of women- our dream

Module 7: Makers of Modern India

- Early engagement of foreigners with India
- Education: The first step to modernization
- Railways: The lifeline of India
- Raja Ram Mohan Roy, Gandhi, Nehru, Vivekanand, Sardar Patel etc.
- Indira Gandhi, Mother Teresa, Homai Vyarawala etc.
- The Way Ahead

Module 8: Racism: Story of the West

- European beginnings of racism
- Racism in the USA - Jim Crow Laws
- Martin Luther King Jr. and the battle against racism
- Apartheid and Nelson Mandela
- Changing face of racism in the modern world

Module 9: Modern India at a Glance: Geographical, Political, Economic & Cultural Perspective

- Geographical and physical features of India
- States, Union Territories and their governance
- India and its neighbours
- India in the global economy
- Cultural diversity of India

Module 10: Modern World at A Glance: Political & Economic Perspective

- Changing world order
- World War I & II
- UNO and The Commonwealth
- Nuclear Powers; Terrorism
- Economic Scenario: IMF, World Bank
- International Regional Economic Integration

Module 11: Technology and Human Life

- Impact of technology on modern life
- Technological gadgets and their role in our lives
- Technology and environment
- Consumerism and materialism
- Psychological and emotional consequences of technology
- Harmonising technology with ethics and humaneness

Module 12: The KMV Experience

- Historical Legacy of KMV
- Pioneering role in women emancipation and empowerment
- KMV Contribution in the Indian Freedom Struggle
- Moral, cultural and intellectual heritage of KMV
- Landmark achievements
- Innovative initiatives; international endeavours
- Vision, mission and focus
- Conduct guidelines for students

Module 13: Final Assessment, Feedback & Closure

- Final multiple choice quiz
- Assessment through the same questions asked in the beginning
- Feedback about the programme from the students
- Closure of the programme

Prescribed Reading

- *The Human Story* published by Dawn Publications

B.SC FASHION DESIGNING (Semester II)

Session 2019-20

gzikph (bkiawh)

Course Code: BFDL-2421

Course Outcomes

- CO1: nksw nBksw g[;se d/ ejkDh Gkr B{z f;b/p; ftu PkfwB eo e/ ftfdnkoEhnK nzdo ejkDh Bz{ gVQD dh o[uh Bz{ g?dk eoBk j? ns/ ejkDh irs Bkb i'VDk j?.
- CO2:fJfsjk;e :kdK (fJfsjk;e b/y ;zrqfj) g[;se B{z f;b/p; ftu PkfwB eo e/ ftfdnkoEhnK nzdo gVQD dh o[uh Bz{ g?dk eoBk j? ns/ w[ZbtkB fJfsjk; s'A ikD{ eotkT[Dk j?.
- CO3::zy/g ouBk dk wB'oE ftfdnkoEhnK B{z ;w/A ns/ fwjBs dh pZus eoB pko/ dZ;Dk j?.
- CO4:g?oQk gVQ e/ gqPBK d/ T[so d/D dk wBo'E ftfdnkoEhnK dh p[ZXh B{z shyD eofdnK T[BK dh fbyD gqfsGk B{z T[iKro eoBk j?.
- CO5:Ppd pDso ns/ Ppd ouBk gVQD Bkb ftfdnkoEh fJ;d/ w[ZYb/ ;zebgK B{z nkXko pDk e/ fJjBK ;zebgK s'A ikD{ j'Dr/ .
- CO6:Ppd Pq/DhnK Bz{ gVQkT[D dk wB'oE ftfdnkoEhnK nzdo gzikph GkPk dh nwhoh dk ns/ pkohehnK Bz{ ;wMD bJh tZyo/ - tZyo/ f;XKsK dk ftek; eoBk j?.
- CO7:nykD ns/ w[jktfonK dh tos'A Bkb rZbpks ftu gogZesk nkT[Adh j?.fJj ftfdnkoEhnK dh rZbpks ftu fByko fbnkT[D dk ezW eoBr/.

B.SC FASHION DESIGNING (Semester II)

Session 2019-20

gzikph (bkiawh)

Course Code: BFDL-2421

Examination Time : 3 hrs

Total Marks: 50

Ext: 40

CA: 10

gkm eqw ns/ gkm g[;seK □□□□□-□

nksw nBksw

**(ejkDh Gkr),(;zgH ;[fjzdo pho ns/ tfonkw f;zx ;zX{) r[o{ BkBe d/t :{Bhtof;Nh,
nzfwqs;o.**

(□□□□-□□□□, □□□□□ □□□□□)

08 nze

□□□□□-□□

**fJfsjk;e :kdK (fJfsjk;e b/y ;zrqfj) ;zgkH ;H;Hnw'b,gzikph ;kfjs gqekPB,
12)(□□□, □□□□ □□□□)**

b[fXnkDk □ (b/y 7 s'A

08 nze

□□□□□-□□

(□) Ppd pDso ns/ Ppd ouBk L gfoGkPk, w[Yb/ ;zebg

(□) □□□ □□□□□□□□

08 nze

□□□□□-□□

(□) ;zy/g ouBk

(□) w[jkto/ ns/ nykD

08 nze

nze tzv ns/ gohfyne bJh jdkfJsK

1H gqPB gso d/ uko Gkr j'Dr/. jo Gkr ftu d' gqPB g[S/ ikDr/.

2H ftfdnkoEh B/ e[b gzi gqPB eoB/ jB. jo Gkr ftu'A fJe gqPB bklwh

B.SC FASHION DESIGNING (Semester II)

j?. gzikph gqPB fe;/ th Gkr ftu'A ehsk ik ;edk j?.

3H jo/e gqPB d/ 08 nze jB.

4H g/go ;?N eoB tkbk i/eo ukj/ sK gqPBK dh tzv nr'A tX s'A tX uko T[g

gqPBK ftu eo ;edk j?.

B.SC FASHION DESIGNING (Semester II)

Session 2019-20

**w[ZYbh gzikph
(In lieu of Compulsory Punjabi)**

Course Code: BFDL-2031

Course Outcomes

- CO1:w[ZYbh gzikph gVQkT[D dk wB'oE ftfdnkoEhnK B{z gzikph GkPk B{z f;ykT[D dh gqfefonk ftu gk e/ fJe j'o GkPk f;ZyD d/ w"e/ gqdkB eoBk j?.
- CO2:fJ; ftu ftfdnkoEh B{z pkohephBh Bkb GkPk dk nfXn?B eotkfJnk ikt/rk.
- CO3:ftfdnkoEhnK B{z gzikph Ppd ouBk s'A ikD{ eotkfJnk ikt/rk.
- CO4:Ppd Pq/DhnK Bz{ gVQkT[D dk wB'oE ftfdnkoEhnK nzdo gzikph GkPk dh nwhoh dk ns/ pkohehnK Bz{ ;wMD bJh tZyo/ - tZyo/ f;XKsK dk ftek; eoBk j?.
- CO5:w[ZYbh gzikph gVQkT[D dk wB'oE ftfdnkoEhnK dk Ppd x/ok ftPkb eoBk j?.
- CO6:ftfdnkoEh tke dh gfoGkPk ns/ fJ;dh pDso s'A ikD{ j'Dr/ ns/ GkPk s/ geV wip{s j't/rh.
- CO7:g?oQk ouBk dk wBo'E ftfdnkoEhnK dh p[ZXh B{z shyD eofdN T[BK dh fbyD gqfsGk B{z T[i kro eoBk j?.
- CO8: ;zy/g ouBk eoB Bkb ftfdnkoEh nkgDh rZb B{z ;zy/g ftu efjD dh iku f;ZyDr/ ns/ fJj fdwkrh e;os ftu ;jkJh j't/rh.
- CO9:xo/b{ ns/ d|soh fuZmh gZso fbyD dk wB'oE ftfdnkoEhnK B{z fJ; ebk ftu fBg{zB eoBk j?.
- CO10:nykD ns/ w[jktfonK dh tos'A Bkb rZbpks ftu gogZesk nkT[Adh j?.fJj ftfdnkoEhnK dh rZbpks ftu fByko fbnkT[D dk ezW eoBr/.

B.SC FASHION DESIGNING (Semester II)

Session 2019-20

**w[ZYbh gzikph
(In lieu of Compulsory Punjabi)**

Course Code: BFDL-2031

;wK L 3 xzN/

Total Marks: 50

Ext: 40

CA: 10

gkm eqw

;?ePB J/

**Ppd P/qDhnK L gSkD ns/ tos'A (BKt, gVBKt, fefonk, ftP/PD, fefonk ftP/PD,
;pzXe, : 'ie ns/ ft;fwe)**

08 nze

;?ePB ph

gzikph tke pDso L w[Ybh ikD gSkD

(T) ;kXkoB tke, ;z:[es tke ns/ fwPos tke (gSkD ns/ tos'A)

(n) fpnkBhnk tke, gqPBtkue tke ns/ j[ewh tke (gSkD ns/ tos'A)

08 nze

;?ePB ;h

g?oQk ouBk

;zy/g ouBk

08 nze

;?ePB vh

fumh gZso (xo/b{ ns/ d|soh)

nykD ns/ w[jkto/

08 nze

nze tzv ns/ gohfyne bJh

jdkfJsk

1H

gqPB gZso d/ uko Gkr j'Dr/. jo Gkr ftu d' gqPB g[ZS/ ikDr/.

2H ftfdnkoEh B/ e[b gzi gqPB eoB/ jB. jo Gkr ftu'A fJe gqPB bklwh j?. gzikK gqPB fe;/ th Gkr ftu'A ehsk ik ;edk j?.

3H jo/e gqPB d/ 08 nze jB.

4H g/go ;?ZN eoB tkbk i/eo ukj/ sK gqPBK dh tzv nr'A tX s'A tX uko T[g gqPBK ftu eo ;edk j?.

B.SC FASHION DESIGNING (Semester-II)

Session 2019-20

Punjab History & Culture (From Earliest Times to C320) (Special Paper in lieu of Punjabi compulsory)

Course Code:BFDI-2431

Course Outcomes

After completing Semester II and course on Ancient History of Punjab, students of History will be able to:

- CO 1: Analyze the emergence of Mauryan, Gupta empires during the classical age in India.
- CO 2: Understand the various factors leading to rise and fall of empires and emergence of new dynasties and their Culture, society, administration, polity and religion specifically of Kushans and Vardhanas in the Punjab.
- CO 3: Construct original historical argument based on primary source material research.
- CO 4: Have an insight on the existing Literature of this period and understand the past developments in the light of present scenario.
- CO 5: Have thorough insight into the various forms/styles of architecture and synthesis of Indo - Muslim Art and Architecture in Punjab.

B.SC FASHION DESIGNING (Semester II)

Session 2019-20

**Punjab History & Culture (From Earliest Times to C. 320)
(Special Paper in lieu of Punjabi compulsory)**

Course Code: BFDL-2431

Examination Time: 3 Hrs

Total Marks: 50

Ext: 40

CA: 10

Instructions to the examiner

Eight questions of equal marks (8 marks) are to be set, two in each of the four Sections (A-D).

Questions of Sections A-D should be set from Units I-IV of the syllabus respectively. Questions may

be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section.

Unit-I

1. Punjab under Chandragupta Maurya and Ashoka.
2. The Kushans and their Contribution to the Punjab.

Unit -II

3. The Panjab under the Gurpta Emperor.
4. The Punjab under the Vardhana Emperors

Unit-III

5. Political Developments 17 th Century to 1000 A.D. (Survey of Political)
6. Socio-cultural History of Punjab from 7 th to 1000 A.D.

Unit -IV

7. Development of languages and Literature.
8. Development of art & Architecture

Suggested Readings

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

B.SC FASHION DESIGNING (Semester II)

Session 2019-20

COMMUNICATION SKILLS IN ENGLISH

Course Code: BFDM- 2102

Course Outcomes

After passing this course the students will develop the following skills:

CO1: Enhancement of listening skills with the help of listening exercises based on conversation, news and TV reports.

CO2: Improvement of speaking skills enabling them to converse in a specific situation.

CO3: Acquisition of knowledge of phonetics which will help them in learning about correct pronunciation as well as effective speaking.

CO4: The capability to present themselves well in a job interview.

CO5: The ability of Note-Taking to be able to distinguish the main points from the supporting details and the irrelevant information from the relevant one.

CO6: Speaking skills of the students enabling them to take active part in group discussion and present their own ideas.

CO7: The capability of narrating events and incidents in a logical sequence.

B.SC FASHION DESIGNING (Semester II)

Session 2019-20

COMMUNICATION SKILLS IN ENGLISH (THEORY)

Course Code: BFDM-2102

Examination Time: 3Hrs

Total Marks: 50

Theory: 25

Practical: 15

CA: 10

Course Contents:

Section–A

Listening Skills: Barriers to listening; effective listening skills; feedback skills.

Activities: Listening exercises – Listening to conversation, News and TV reports.

Section–B

Attending telephone calls; note taking and note making.

Activities: Taking notes on a speech/lecture

Section–C

Speaking and Conversational Skills: Components of a meaningful and easy conversation; understanding the cue and making appropriate responses; forms of polite speech; asking and providing information on general topics.

Activities: 1) Making conversation and taking turns

2) Oral description or explanation of a common object, situation or concept

Section–D

The study of sounds of English, stress Situation based Conversation in English

Essentials of Spoken English

Activities: Giving Interviews

Recommended Books:

1. Oxford Guide to Effective Writing and Speaking by John Seely.

2. Business Communication by Sethi, A and Adhikari, B., McGraw Hill Education 2009.

3. Communication Skills by Raman, M. & S. Sharma, OUP, New Delhi, India (2011).
4. A Course in Phonetics and Spoken English by J. Sethi and P.V. Dhamija, Phi Learning.

Instructions for the paper setters and distribution of marks:

The question paper will consist of four sections and distribution of marks will be as under:

The question paper will be divided into four sections.

Section-A: Two questions with internal choice will be set from Section-A of the syllabus and these questions will be theoretical in nature corresponding to the syllabus of Section-I. Each will carry 5 marks.

Section-B: Two questions with internal choice will be set from Section-B of the syllabus. One will be theoretical and the second will be practical in nature. Each will carry 5 marks.

Section-C: Two questions with internal choice will be set from Section-C of the syllabus and these will be theoretical in nature. Each will carry 5 marks.

Section-D: Two questions with internal choice will be set from Section-D of the syllabus. One question will be theoretical in nature and other will be practical in nature (based on phonetic transcription and stress). Each will carry 5 marks.

Important Note:

The candidate will have to attempt five questions in all selecting one from each section of the question paper and the fifth question may be attempted from any of the four sections.

(5 x 5 = 25 marks)

B.SC. FASHION DESIGNING (Semester–II)

Session 2019-20

**COMMUNICATION SKILLS IN ENGLISH-II
PRACTICAL/ORAL TESTING**

Course Code: BFDM-2102

Total Marks -15

Course Contents:

1. Oral Presentation with/without audio visual aids.
2. Group Discussion.
3. Listening to any recorded or live material and asking oral questions for listening comprehension.

Questions:

1. Oral Presentation will be of 5 to 7 minutes duration. (Topic can be given in advance or it can be of student's own choice). Use of audio visual aids is desirable.
2. Group discussion comprising 8 to 10 students on a familiar topic. Time for each group will be 15 to 20 minutes.

Note: Oral test will be conducted by external examiner with the help of internal examiner.

B.SC FASHION DESIGNING (Semester-II)

Session 2019-20

TRADITIONAL TEXTILES

Course Code: BFDM-2233

Course Outcomes

- CO1: Students will learn about various categories of textiles of India from floor coverings to woven textiles.
- CO2: Students will learn about both printed and painted textiles of India.
- CO3: Students will learn about the significance of our traditional embroideries.
- CO4: Students will be knowledgeably aware of different fabrics, stitches, techniques and various color combinations used for our traditional embroideries.
- CO5: Students will be imparted knowledge of motifs and textile designs.
- CO6: Students will be introduced to application of these motifs on different textiles.
- CO7: Students will develop practical skills in needle craft and our traditional embroideries.

B.SC FASHION DESIGNING (Semester II)

Session 2019-20

TRADITIONAL TEXTILES (THEORY)

Course Code: BFDM-2233

Examination Time: 3+3 Hrs

Total Marks: 75

Theory:40

Practical:20

CA:15

Instructions for the Examiner:

- Question paper will have four units.
- Examiner will set a total of 8 questions comprising two questions from each unit
- Students are required to attempt five questions in all, choosing one question from each unit and fifth question from any unit. Questions can have subunits. □ All questions carry equal marks.

UNIT-I

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

UNIT-II

Coloured Textiles

- Bandhani
- Patola
- Pochampalli

UNIT-III

Woven Textiles

- Brocades
- Chanderi
- Maheshwari
- Baluchari

UNIT-IV

Study of following traditional embroideries– Introduction, types, their traditional influences, symbolism, basic fabrics, decorative stitches, techniques and their colour combinations:

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

Book References:

1. Aditi Ranjan “Handmade in India: A Geographic Encyclopedia of India Handicrafts”
2. Rta Kapur Chishti “Handcrafted Indian Textiles”
3. Sheila Paine “Embroidered Textiles: Traditional Patterns from Five Continents” 1995

B.SC. FASHION DESIGNING (Semester–II)

Session 2019-20

**TRADITIONAL TEXTILES
(PRACTICAL)**

Course Code: BFDM-2233

Total Marks -20

Instructions for the Examiner

- Question paper will be set on the spot jointly by the internal and external examiner.

PRACTICAL

*Sample making of following traditional embroideries

- Kutch of Gujarat
- Phulkari of Punjab
- Kantha of Bengal
- Kasuti of Karnataka
- Kashida of Kashmir
- Chikankari of Uttar Pradesh

Book References:

1. Rustarm; J. Mehta, “Masterpieces of Indian Textiles”, (1970), D.B. Taraporevala Sons & Co., Pvt.Ltd.
2. Joyee Storey, The Thames and Hudson- Manual of Textile Printing.’ (1974), Thames and Hudson – London.

B.SC FASHION DESIGNING (Semester-II)

Session 2019-20

FABRIC CONSTRUCTION

Course Code: BFDM-2234

Course Outcomes

- CO1: Students will be imparted knowledge of fabric manufacturing process and fabric properties.
- CO2: Students will be competent to understand fabric structure and analyze it.
- CO3: Students will understand the basic concept of weaving, its types and their variations.
- CO4: Students will understand the introductory aspects of knitting technology.
- CO5: Students will understand the manufacturing process, properties and uses of felting.
- CO6: Students will apprehend the manufacturing process , properties and uses of bonding.
- CO7: Students will actually experiment different weaving techniques.
- CO8: Students will be enabled to use these weaving techniques to produce value added products.

B.SC FASHION DESIGNING (SEMESTER II)

Session 2019-20

FABRIC CONSTRUCTION (THEORY)

Course Code: BFDM-2234

Examination Time: 3+3 Hrs

Total Marks: 75

Theory: 40

Practical: 20

CA: 15

Instructions for the Examiner

- Question paper will have four units.
- Examiner will set a total of 8 questions comprising two questions from each unit
- Students are required to attempt five questions in all, choosing one question from each unit and fifth question from any unit. Questions can have subunits. □ All questions carry equal marks.

UNIT-I

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

UNIT-II

- Weaving – Definition, principle, types of following weaves
- Basic Weaves – Plain weave, Twill weave and Satin weave, their variations and types.
- Novelty/Fancy Weaves – Pile weave and its types, Jacquard weave, Dobby weave and its types, Swivel weave, Lappet weave, Crepe weave
- Knitting – Definition and Techniques (Warp, Weft and their types)

UNIT-III

- Felting – Definition, Manufacturing Process, Types, Properties and Uses· Bonding – Definition, Manufacturing Process, Properties and Uses

UNIT-IV

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

Book References:

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

B.SC FASHION DESIGNING (Semester II)

Session 2019-20

FABRIC CONSTRUCTION (PRACTICAL)

Course Code: BFDM-2234

Total Marks: 20

Instructions for the Examiner

- Question paper will be set on the spot jointly by the internal and external examiner.

PRACTICAL

*Sample Making by various weaving techniques

- plain
- twill
- satin □ diamond
- pile etc.

*Preparation of one article by using the above mentioned techniques

Book References:

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

B.SC FASHION DESIGNING (Semester-II)

Session 2019-20

BASICS OF SEWING-II

Course Code: BFDM-2235

Course Outcomes

- CO1: Students will acquire information of basic terminology used in clothing.
- CO2: Students will get acquainted with anthropometric measurements for all age groups and its importance.
- CO3: Students will get familiar both theoretically as well as practically about drafting and pattern making techniques.
- CO4: Students will gain knowledge about different parts of clothing construction like sleeves, collars, yokes and their variations.
- CO5: Students will learn about different types of trimmings.
- CO6: Students will practically learn how to apply this knowledge in garment construction.

B.SC FASHION DESIGNING (SEMESTER II)

Session 2019-20
BASICS OF SEWING-II
(THEORY)
Course Code: BFDM-2235

Examination Time: 3+4Hrs

Total Marks: 100

Theory: 50

Practical: 30

CA: 20

Instructions for the Examiner

- Question paper will have four units.
- Examiner will set a total of 8 questions comprising two questions from each unit
- Students are required to attempt five questions in all, choosing one question from each unit and fifth question from any unit. Questions can have subunits. □ All questions carry equal marks.

UNIT-I

Terminology

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

UNIT-II

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

UNIT-III

- Sleeves – Different types of sleeves
- Collars - Different types and styles of collars

UNIT-IV

- Yokes – Yokes with fullness and without fullness (definition, purpose, their application and construction)
- Trimmings - Different types of trimmings

Book References:

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

B.SC FASHION DESIGNING (Semester II)

Session 2019-20

BASICS OF SEWING-II (PRACTICAL)

Course Code: BFDM-2235

Total Marks: 30

Instructions for the Examiner

- Question paper will be set on the spot jointly by the internal and external examiner.

PRACTICAL

- Preparation of Child's basic block and plain sleeve.
- Construction of different sleeves – Puff, raglan, flared, cap, Magyar,
- Yokes – Yokes with fullness and without fullness
- Construction of collars – Flat/raised peter pan collar, cape collar, baby collar, sailor collar.
- Construction of two kids garments incorporating above sleeves and collars: A-line frock
Romper

Book References:

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

B.SC FASHION DESIGNING (Semester II)

Session 2019-20

BASICS OF COMPUTER (PRACTICAL)

Course Code: BFDP-2126

Course Outcomes

- CO1: Students will be imparted knowledge about PowerPoint: presentation formations, formatting of text/slides views of power point, animations and sound effects.
- CO2: Students will get knowledge about basic concept of coral draw.
- CO3: Students will be introduced to tools, ruler setting, basic shapes, grouping/ combining, color palettes, effects, curves, opening, closing and saving a file, importing/exporting, printing.
- CO4: Students will be introduced to Adobe Photoshop.

B.SC FASHION DESIGNING (Semester II)

Session 2019-20

**BASICS OF COMPUTER
(PRACTICAL)**

Course Code: BFDP-2126

Examination Time: 3 Hrs

Total Marks: 50

Ext: 40

CA: 10

(Practical)

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

Book Reference:

1. C.E. Bezant: Computer Aided Design & Manufacturers, Ahmedabad: Mapin Publishing; 2000.
2. David Bedworth and Philip Wolfe “Computer Integrated Design and Manufacturing”
3. M P Groover “Automation, Production systems and Computer Integrated Manufacturing

B.SC FASHION DESIGNING (Semester II)

Session 2019-20

INDUSTRIAL VISIT

Course Code: BFDV-2237

Course Outcomes

- CO1: Students will be enabled to combine theoretical knowledge with practical knowledge.
- CO2: Students will be provided an insight regarding the internal working of companies.
- CO3: Students will be given an excellent opportunity to learn practically through interaction, working methods and employment opportunities.
- CO4: Students will explore current work practices in different sectors of the industry like Finance, Marketing and Manufacturing of the products.
- CO5: Students will get an opportunity to interact with industries and know more about industrial environment.

B.SC FASHION DESIGNING (Semester II)

Session 2019-20

**DRUG ABUSE
(THEORY)**

Course Code: AECD-2161

Course Outcomes:

- CO1: This information can include factual data about what substance abuse is; warning signs of addiction; information about how alcohol and specific drugs affect the mind and body;
- CO2: How to be supportive during the detoxification and rehabilitation process.
- CO3: Main focus of substance abuse education is teaching individuals about drug and alcohol abuse and how to avoid, stop, or get help for substance use disorders.
- CO4: Substance abuse education is important for students alike; there are many misconceptions about commonly used legal and illegal substances, such as alcohol and marijuana.

B.SC FASHION DESIGNING (Semester II)

Session 2019-20

DRUG ABUSE (THEORY)

Course Code: AECD-2161

Examination Time: 3Hrs

Total Marks: 50

Theory: 40

CA: 10

Instructions for the Examiner

Eight questions of equal marks are to be set, two in each of the four Sections (A-D). Questions of Sections A-D should be set from Units I-IV of the syllabus respectively. Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section.

UNIT-I

1) Consequences of Drug Abuse for:

- 1) Individual – Education, employment and income issues.
- 2) Family – Violence 3) Society – Crime.
- 4) Nation – Law and order problem

UNIT-II

2) Management of Drug abuse:

- 1) Medical Management: Medication for treatment and to reduce withdrawal effects, Drug De-addiction clinics, Relapse management.
- 2) Psycho-Social Management: Counselling, family and group therapy, behavioural and cognitive therapy, Environmental Intervention.

UNIT-III

3) Prevention of Drug Abuse:

- 1) Role of family: Parent child relationship, Family support, Supervision, Shaping values, Active Scrutiny.
- 2) School
Counselling, Teacher as role-model. Parent-Teacher-Health Professional Coordination, Random testing on students. \

UNIT-IV

4) Awareness of drug abuse

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

1) legislation: NDPs act, statutory warnings, policing of borders, checking supply/ smuggling of drugs, strict enforcement of laws, time bound trial.

References:

1. Ahuja, Ram (2003), *Social Problems in India*, Rawat Publication, Jaipur.
2. Extent, Pattern and Trend of Drug Use in India, Ministry of Social Justice and Empowerment, Government of India, 2004.
3. Inciardi, J.A. 1981. *The Drug Crime Connection*. Beverly Hills: Sage Publications.
4. Kapoor. T. (1985) *Drug epidemic among Indian Youth*, New Delhi: Mittal Pub.
5. Modi, Ishwar and Modi, Shalini (1997) *Drugs: Addiction and Prevention*, Jaipur: Rawat Publication.
6. National Household Survey of Alcohol and Drug abuse. (2003) New Delhi, Clinical Epidemiological Unit, All India Institute of Medical Sciences, 2004.
7. Sain, Bhim 1991, *Drug Addiction Alcoholism*, Smoking obscenity New Delhi: Mittal Publications.
8. Sandhu, Ranvinder Singh, 2009, *Drug Addiction in Punjab: A Sociological Study*. Amritsar: Guru Nanak Dev University.
10. Singh, Chandra Paul 2000. *Alcohol and Dependence among Industrial Workers*: Delhi: Shipra.
11. Sussman, S and Ames, S.L. (2008). *Drug Abuse: Concepts, Prevention and Cessation*, Cambridge University Press.

B.SC.FASHION DESIGNING (SEMESTER-II)

Course Title: Moral Education Programme

Course Duration: 30 hrs

Course Intended for: III Sem students of all streams

Course Objectives:

- To sensitize students about the role and importance of human values and ethics in personal, social and professional life.
- To enable students to understand and appreciate ethical concerns relevant to modern lives.
- To prepare a foundation for appearing in various competitive examinations.
- To sensitize the students about the current issues and events of national and international importance.
- To highlight plausible implications of ethical human conduct , trustful and mutually fulfilling human behaviour and mutually enriching interaction with nature .

Course Contents:

- Introduction to Moral Education
- Need , content and purpose
- Vedic values
- Character building

The Self and You

- Understanding the Self –Self awareness, fighting the five evils (lust, anger, attachment, ego and greed), Self growth.
- Personal ethics
- Aspiration v/s ambition, self- seeking v/s selflessness
- Physical and mental health

The Family and You

- Importance of family- the basic unit of human interaction.
- Generation gap
- Relationship with siblings and elders

The Society and You

- Social responsibility □ Our rights and duties
- Civic sense
- Opposite sex relations
- Globalization and IT boom – cellphone menace
- Peer pressure
- Gender issues

The Nation and You

- International peace and brotherhood
- Saving the environment
- Communal harmony, Tolerance, Understanding of Cultures
- Respect for Martyrs
- National Pride

B.Sc Fashion Designing (Semester III)

Session 2019-20

COLOR CONCEPTS AND COLORATION

Course Code: BFDM-3231

Course Outcomes

- CO1: Students will gain knowledge about color concept and color schemes.
- CO2: Students will get clarity of concept of pigments and pigment theory.
- CO3: Students will get incisive with types of designs, patterns and their application on textiles.
- CO4: Students will get acquainted with types of dyes, stages of dyeing, and different dyeing techniques.
- CO5: Students will learn about printing and types of printing techniques.
- CO6: Students will be imparted knowledge about types of finishes used for different fabrics.
- CO7: Students will learn the practical implementation of modern and traditional motifs.
- CO8: Students will develop practical skills of employing printing and dyeing techniques on textiles.

B.SC FASHION DESIGNING (SEMESTER III)
Session 2019-20
COLOUR CONCEPTS & COLOURATION
(THEORY)

Course Code: BFDM-3231

Examination Time: 3+3 Hrs

Total Marks: 100

Theory: 50

Practical: 30

CA: 20

Instructions for the Examiner

- Question paper will have four units.
- Examiner will set a total of 8 questions comprising two questions from each unit
- Students are required to attempt five questions in all, choosing one question from each unit and fifth question from any unit. Questions can have subunits. □ All questions carry equal marks.

UNIT I

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

UNIT II

- Elements and principles of design
- Types of design and their application to textiles

UNIT III

- Dyes and Types of dyes
- Stages of dyeing-Dyeing of fibers ,yarns and fabric
- Dyeing Techniques- Decorative Dyeing (Tie and dye and Batik)

UNIT IV

- Traditional Methods of Printing- Block, Screen, Kalamkari
- Modern Methods And Styles Of Printing-Direct, Discharge, Stencil, Roller Screen Printing
- Finishes –Basic, Texturing And Functional

Books Recommended:

1. Norman Hollen and Jane Saddler, “Textiles” Second Edition. (1949), The Macmillan Company, New York. Collee- Macmillan, Limited London.
2. Bernard P.Corbman, Textiles Fiber to Fabric, Mc Graw, Hill International Editions,(1993), Cataloging Publications.
3. Isabel, B. Wingate Textile Fabrics and their Selection, (1976) Prentice- Hall Inc., Engle Wood Cliffs, N.J.
4. Katarine Paddock, Textile Fibres and their Use-Sixth edition, (1954) –Oxford & IBH Publishing Co.,Calcutta, Bombay, New Delhi.
5. Dorothy Siegert Lyle, Modern Textiles – (1971) Jonh Wiley and Sons Inc., New York, London, Sydney, Toronto.
6. Kanwar Varinder Pal Singh, Introduction to Textile, Kalyani Publisher.

B.SC FASHION DESIGNING (Semester III)

Session 2019-20

COLOUR CONCEPTS & COLOURATION

(PRACTICAL)

Course Code: BFDM-3231

Total Marks: 30

Instructions for the Examiner

- Paper will be set jointly by the internal and external examiner on the spot.
- Preparation of article by using any 3 techniques.
- Scheme work.

PRACTICAL

- Preparation of color designs on paper for various textiles employing:
Traditional motifs: E.g.; folk designs, paisley designs.
Modern motifs: Abstract, geometrical, nursery prints, stripes, retro, architectural, ogee designs.
- Decorative dyeing (tie and dye, batik)
- Printing of fabrics by different methods and styles (block, stencils, screen).
- Preparation of any 5 articles by using above techniques.

B.Sc Fashion Designing (Semester III)

Session 2019-20

PATTERN MAKING AND GARMENT CONSTRUCTION

Course Code: BFDM-3232

Course Outcomes

- CO1: Students will be introduced to the concept of pattern making.
- CO2: Students will learn about different aspects of pattern making and to construct patterns.
- CO3: Students will gain knowledge about pattern envelope.
- CO4: Students will conceptualize about pattern layout and its types and will practically construct them.
- CO5: Students will get incisive with the idea of economical use of fabric.
- CO6: Students will learn to develop and construct basic foundation pattern.
- CO7: Students will become proficient in the use of techniques of dart manipulation.
- CO8: Students will get apparent in creating different style lines by eliminating darts.
- CO9: Students will learn to calculate fabric for different Garments.
- CO10: Students will gain an understanding to prepare fabric for constructing a garment.
- CO11: Students will be able to construct different garment using different garment details.

B.SC FASHION DESIGNING (SEMESTER III)

Session 2019-20

PATTERN MAKING AND GARMENT CONSTRUCTION (THEORY)

Course Code: BFDm-3232

Examination Time: 3+4 Hrs

Total Marks: 150

Theory: 50

Practical: 70

CA: 30

Instructions for the Examiner

- Question paper will have four units.
- Examiner will set a total of 8 questions comprising two questions from each unit
- Students are required to attempt five questions in all, choosing one question from each unit and fifth question from any unit. Questions can have subunits. □ All questions carry equal marks.

UNIT I

- Basics of Commercial Paper Patterns
- Pattern Making: pattern markings, techniques

□

UNIT II

- Pattern Envelope
- Pattern Layout : Principles, methods of layout and its importance.

UNIT III

- Basic foundation pattern
- Dart Manipulation
- Eliminating Darts

UNIT IV

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

Books Recommended:

1. Bernard Zamkoff and Jeanne Price, Creative Pattern Skills for Fashion Design (f.i.t. Collection), 1990, Publisher: Fairchild Books & Visual.
2. Helen Joseph Armstrong, Pattern making for Fashion Design, 2000, Dorling Kindersley (India) Pvt. Ltd. India.
3. Sandra Betzina, Fast Fit – Easy Pattern Alterations for Every Figure, 2003 Taunton Pr.
4. Gale Grigg Hazen, Fantastic Fit for Every Body, 1998, Published by Rodale Press
5. Pati Palmer and Marta Alto Palmer, Fit for real People, 1998., Pletsch Inc.,

B.SC FASHION DESIGNING (SEMESTER III)

Session 2019-20

**PATTERN MAKING AND GARMENT CONSTRUCTION
(PRACTICAL)**

Course Code: BFDM-3233

Total Marks: 80

Instructions for the Examiner

- Paper will be set jointly by the internal and external examiner on the spot.
- Set one compulsory question from dart manipulation.
- Construction of any one garment (basic foundation patterns can be used). □ Design development and style reading of the garment made.

PRACTICAL

- Design development and style reading.
- Preparation of commercial paper patterns of the garment designed. □
□
- Layouts of frock, blouse and petticoat
- Preparation of Basic Foundation Pattern.
- Shifting of darts through dart manipulation techniques. □
□
- Eliminating Darts into princess line, tucks, gathers, cowls, asymmetrical darts □
□
- Designing and construction of blouse, petticoat, ladies shirt and salwar. □

B.sc Fashion Designing (Semester III)

Session 2019-20

KNITTING TECHNOLOGY

Course Code: BFDM-3233

Course Outcomes

- CO1: Students will be introduced to the concept of knitting.
- CO2: Students will be imparted knowledge about different aspects of knitting technology.
- CO3: Students will get conversant with the difference between knitted and woven fabrics.
- CO4: Students will get familiarize with hand and machine knitting concepts.
- CO5: Students will get aware about the defects in knitted fabrics and how to maintain their quality.
- CO6: Students will get acquainted about various knitted garments.
- CO7: Students will develop practical skills of knitting to make value added products.

B.SC FASHION DESIGNING (SEMESTER III)

Session 2019-20

KNITTING TECHNOLOGY (THEORY)

Course Code: BFDM-3233

Examination Time: 3+3 Hrs

Total Marks: 100

Theory: 50

Practical: 30

CA: 20

Instructions for the Examiner

- Question paper will have four units.
- Examiner will set a total of 8 questions comprising two questions from each unit
- Students are required to attempt five questions in all, choosing one question from each unit and fifth question from any unit. Questions can have subunits. □ All questions carry equal marks.

UNIT -I

- Introduction to Knitting Technology, difference between Knits and Woven, terms used in Knitting.
- Hand Knitting.

UNIT -II

- Comparison of Warp and weft knitting.
- Knitting Machines – Weft and Warp Knitting machines

UNIT –III

- Basic weft knit stitches – single jersey, rib, purl, interlock, float and tuck stitches
- Basic warp knit stitches – under lap, overlap, closed lap, open lap.
- Knitted fabrics defects and quality control.

UNIT –IV

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

Book References:

1. Prof. Ajgaonkar D B, “Knitting Technology”, University Publishing Co-operation, Mumbai.
2. Brackenbury Terry, “Knitting Clothing Technology”, Blackwell Science, UK.
3. Spancer David J, “Knitting Technology”, Pergeman Press.

B.SC FASHION DESIGNING (Semester III)

Session 2019-20

KNITTING TECHNOLOGY

(PRACTICAL)

Course Code: BFDM-3233

Total Marks: 30

Instructions for the Examiner

- Paper will be set jointly by the internal and external examiner on the spot.
- Set 4 questions of which, students are required to attempt any three. □ Two Questions will be of 15-15 marks one will be of 10 marks.

PRACTICAL

- Knitting – introduction, terminology, hand knitting tools, material, techniques, types of knitting, plain knit, ribs, laces, cables, cross and knitted, making of knitting samples (at least 2 samples of each technique).
- Preparation of any one article.

B.Sc Fashion Designing (Semester III)

Session 2019-20

FASHION DESIGN AND ILLUSTRATION

Course Code: BFDP-3234

(PRACTICAL)

Course Outcomes

- CO1: Students will gain knowledge about the various garment details like collars, necklines, sleeves, cuffs.
- CO2: Students will get apparent with the sketching of various types of accessories for different age groups.
- CO3: Students will understand the concept of sketching of different apparels and their variations.
- CO4: Students will learn how to render different textures for different types of fabric.
- CO5: Students will get familiar as to how to create different silhouettes.
- CO6: Students will acquire knowledge about draping of various garments on dress forms.

B.SC FASHION DESIGNING (SEMESTER III)

Session 2019-20

FASHION DESIGN AND ILLUSTRATION (PRACTICAL)

Course Code: BFDP-3234

Examination Time: 3 Hrs

Total Marks: 50

Practical: 40

CA: 10

Instructions for the Examiner

- Paper will be set jointly by the internal and external examiner on the spot.
- Set three questions from the sketching part. □ File work.

PRACTICAL

FLAT SKETCHING AND FIGURE DRAWING:

- Sketching of various garment details – collars, necklines, sleeves, cuffs□
- Sketching of accessories for Different Age Groups.□
- Flat sketching of tops, skirts and trousers.□
- Variation of skirts with different panels – A-line, Four Gore, Six Gore, Eight Gore and □ Semicircular.□
- Rendering Texture of fabrics – Cotton, Wool, Net, Velvet, Leather, Satin, Silk, Corduroy, □ Fur□
- Silhouette - A Line, Funnel shaped, Circular, Straight, Rectangular, Hour Glass Garment □ draping on fashion figures.□
- Garment draping on fashion figures.□

Book References:

1. Ireland, Patrick John, “Fashion Design Drawing and Presentation”, B.T. Batsford, London,1996.
2. Elisabetta Drudi, T.Paci, “Figure Drawing for Fashion”, The Pepin Press.
3. Allen and Seaman, “Fashion Drawing – The Basic Principles”, B.T. Batsford, London.

B.Sc Fashion Designing (Semester III)

Session 2019-20

NEEDLE CRAFT

Course Code: BFDP-3235

(PRACTICAL)

Course Outcomes

- CO1: Students will be enabled to learn methods of surface ornamentation on fabric using different techniques to produce value added products.
- CO2: Students will get knowledge about the material and tools used for different surface ornamentation techniques.
- CO3: Students will be conversant with different fabrics, stitches, techniques and various color combinations.
- CO4: Students will learn about various textiles of India from floor coverings to woven textiles.
- CO5: Students will get aware of different motifs and designs used for particular embroideries and their application on textiles.
- CO6: Students will develop practical skills in needle craft techniques.

B.SC FASHION DESIGNING (SEMESTER III)

Session 2019-20

NEEDLE CRAFT (PRACTICAL)

Course Code: BFDP-3235

Examination Time: 3 Hrs

Total Marks: 100

Practical: 80

CA: 20

Instructions for the Examiners/Paper Setters:

- Paper will be set on the spot by the examiner.
- Set 5 questions out of which, students are required to attempt any four.
- Scheme work.

PRACTICAL:

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

Book References:

- Naik Shailaja, “Traditional Embroideries of India”, APH Publishing Corporation, New Delhi, 1996.
- Snook Barbara, “Creative Art of Embroidery”, Numbly Pub. Group Ltd., London, 1972.
- Mathew Anne, “Vogue Dictionary of Crochet Stitches”, David and Charles, London 1989.
- Anand M.R., “Textiles and Embroideries of India”, Marg Publications, Bombay, 1965.

B.Sc. Fashion Designing (Semester–IV)

Session 2019-20

HISTORY OF COSTUMES

Course Code: BFDM-4231

Course Outcomes

- **CO1:** Students will get knowledge about our Indian Historic Costumes, traditional art and crafts, that is a key to future fashion.
- **CO2:** Students will learn costumes of different periods of Indian history.
- **CO3:** Students will gain knowledge about western costumes of different western periods.
- **CO4:** Students will get acquainted with sketching skills of costumes for different regions of India.
- **CO5:** Students will enhance their Sketching and Rendering skills for different fashion accessories.

B.Sc. Fashion Designing (Semester–IV)

Session 2019-20

HISTORY OF COSTUMES

(THEORY)

Course Code: BFDm-4231

Examination Time: 3 hrs.

Total Marks:100

Theory: 50

Practical: 30

C.A:20

Instructions for the Examiners/Paper Setters:

Eight questions of equal marks (10) each are to be set, two in each of the four sections(AD).

Questions of sections A-D should be set from Units I- IV of the syllabus respectively.

Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any section.

UNIT I

Study of costumes from earlier times to present time.

Indian Costumes

Indus Valley Period

Mauryan and Sunga Period

Kushan Period

UNIT II

Gupta Period

Mughal Period

British Period

UNIT III

Costumes of various regions of India North-

Punjab, Jammu and Kashmir.

West- Maharashtra and Gujrat

UNIT IV

East- Assam and west Bengal

South-Kerala andTamilnadu

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

References:

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

B.Sc. Fashion Designing (Semester–IV)

Session 2019-20

HISTORY OF COSTUMES

(PRACTICAL)

Course Code: BFDM-4231

Practical: 30
Instructions for the Examiners

- Paper will be set jointly by the internal and external examiner on the spot.
- □
- **Sketch costumes for men, women and children and accessories for the following:**□ a. British period
 - b. Mauryan
 - c. Mughal
- Sketch costumes and accessories for East, West, North and South regions of India.(one
- state from each region)□
- Sketching and Rendering of - Headgears, Footwear, Handbags, Belts, Gloves,
- earrings, necklaces and bangles.□
- Preparation of any two accessories.(taking inspiration from historic costumes)□

B.Sc. Fashion Designing (Semester–IV)

Session 2019-20

GARMENT CONSTRUCTION AND DRAPING

COURSE CODE: BFDM-4232

Course Outcomes

- **CO1:** Students will gain knowledge about how to select clothes for different age groups.
- **CO2:** Students will learn about what factors affect selection of clothing.
- **CO3:** Students will get apparent in altering their patterns according to their fittings.
- **CO4:** Students will learn complete concept of draping, its tools, equipment and its basic terminology.
- **CO5:** Students will know how to prepare muslin for draping.
- **CO6:** Students will gain knowledge as to how to handle special fabrics.
- **CO7:** Students will learn how to differentiate between lining, interlining, facing& interfacing.
- **CO8:** Students will practical learn to make commercial paper patterns.
- **CO9:** students will learn concept of advance garment construction.
- **CO10:** Students will learn practically access the basic draping technique on dress forms.

B.Sc. Fashion Designing

Session 2019-20

GARMENT CONSTRUCTION AND DRAPING

(THEORY)

Course Code: BFDM-4232

Examination Time: 3 + 4 Hrs

Total Marks: 150

Theory: 40

Practical: 80

C.A:30

Instructions for the Examiners/Paper Setters:

Eight questions of equal marks (10) each are to be set, two in each of the four sections (A-D) . Questions of sections A-D should be set from Units I- IV of the syllabus respectively. Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any section

Unit 1

Selection of clothing according to age, occupation, season, geographical conditions, region, social status.

Selection of clothing according to different age groups-infants' school going and adolescence.

Unit II

Pattern Alteration

Bodice, waist, hip, arm, alterations

Unit III

Introduction to draping –Tools, equipment's used in draping.

Draping terminology and preparation of muslin for draping.

Unit IV

Handling special fabrics.

Lining, interlining, facing and interfacing.

Books recommended:-

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

B.Sc. Fashion Designing (Semester–IV)

GARMENT CONSTRUCTION AND DRAPING

(PRACTICAL)

Session 2019-20

COURSE CODE: BFDM-4232

Practical: 80

Instructions for the Examiners

- Paper will be set jointly by the internal and external examiner on the spot

Practical

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

□

□

B.Sc. Fashion Designing (Semester–IV)

Session 2019-20

FASHION DESIGN AND ILLUSTRATION (CAD)

(PRACTICAL)

Course Code: BFDP-4233

COURSE OUTCOMES

- **CO1:** Students will understand the fashion design concepts through computer.
- **CO2:** Students will get knowledge of CAD.
- **CO3:** Students will get knowledge of CAD technology in fashion industry to enhance speed and efficiency in garment designing.
- **CO4:** Students will enhance their sketching skills on CAD.
- **CO5:** Students will be able to explore software much faster in less time.

B.Sc. Fashion Designing (Semester–IV)

Session 2019-20

FASHION DESIGN AND ILLUSTRATION (CAD)

(PRACTICAL)

Course Code: BFDP-4233

Examination Time: 3 Hrs.

Total Marks: 100

Ext: 80

C.A:20

Instructions for the Examiners

- Paper will be set jointly by the internal and external examiner on the spot.

CAD:

Croqui drawing in computer.

- Drawing the details of the following and applying various texture and effects using CAD (Corel Draw).

•Fashion Details/Silhouette:

Collar: Mandarin, High Bais ,Tuxedo, Cape, Flat Tennis.

Sleeves: Raglan, Hanky, Tulip, Ruffle, Dolman.

Accessories: Bags, Belts, Caps, Bows.

Pockets: Flap, Pouch, Patch, Cross, Slit, Kurta.

Skirts: Novelty, Gathered, Hip Rider, Trumpet, Pegged, Circular, Pleated, Straight, A-Line.

- Variation of skirts with different panels – A-line, Four Gore, Six Gore, Eight Gore and Semicircular.

- Trousers: Jeans, Straight Pants, Baggy Pants, Jump Suit, Dungarees.

- Silhouette: A Line, Funnel shaped, Circular, Straight, Rectangular, High waisted Empire line.

References:

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

B.Sc. Fashion Designing (Semester–IV)

Session 2019-20

FASHION ILLUSTRATION AND APPRECIATION

(PRACTICAL)

COURSE CODE: BFDP-4234

Course Outcomes

- **CO1:** Students will learn designing by taking inspiration from different themes.
- **CO2:** Students will get incisive about how to prepare mood boards for projects to collect different creative information.
- **CO3:** Students will learn to enable their clients to see the design direction with the help of mood board.
- **CO4:** With the practise of story board students will use to illustrate the flow of the ideas and behaviour of the concept.
- **CO5:** Students will enhance their sketching skills.
- **CO6:** Students will learn how to drape garments on fashion figures

B.Sc. Fashion Designing (Semester–IV)

Session 2019-20

FASHION ILLUSTRATION AND APPRECIATION

(PRACTICAL)

COURSE CODE: BFDP-4234

Examination Time: 3 Hrs

Total Marks: 50

Ext: 40

C.A: 10

Instructions for the Examiners

□ Paper will be set jointly by the internal and external examiner on the spot.

Practical:

Design for following themes taking inspiration from mood board, storyboard.

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

(B.Sc. Fashion Designing (Semester–IV))

Session 2019-20

PATTERN AND MARKER MAKING ON COMPUTER

(PRACTICAL)

COURSE CODE-BFDP-4235

Course Outcomes

- **CO1:** Students will learn to develop Sloppers Manipulation of darts and seams through computer.
- **CO2:** Students will learn marker plan.
- **CO3:** Students will learn basic principal of cutting and layout.
- **CO4:** Students will learn cross marking and notching.
- **CO5:** Students will learn manipulation of grain line.
- **CO6:** Students will learn about pattern making using CAD.
- **CO7:** students will learn drawing using computers.
- **CO8:** Students will learn to interpret a design with a practical understanding of garments construction.
- **CO9:** Students will learn different aspects of pattern making and grading on CAD.

B.Sc. Fashion Designing (Semester–IV)

Session 2019-20

**PATTERN AND MARKER MAKING ON COMPUTER
(PRACTICAL)**

COURSE CODE : BFDP-4235

Examination Time: 3 Hrs.

Max. Marks: 100

Ext: 80

C.A:20

Instructions for the Examiner

- Paper will be set jointly by the internal and external examiner on the spot

PRACTICAL:

- Sloper development, Manipulation of Darts and Seams, Explanation of Seam Allowances.□
- Basic principles of marker making on computer (Cutting and Layout)□
- Cross Marking and Notching□
- Manipulation Grain line□
- Practice exercises.□

References:

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

BA /BA.JMC/B.sc Economics/B.sc FD/BA. hons. English

Semester- IV

Environmental Studies

COURSE CODE: AECE-4221

COURSE OUTCOMES

- **CO1:** Reflect upon the concept and need of environmental education.
- **CO2:** Define major eco-systems and their conservation.
- **CO3:** Understand the role of different agencies in the protection of environment.
- **CO4:** Develop desirable attitude, values and respect for protection of environment.

B.A / B.A. (JMC) / B.Sc. (FD) /B.A (Hons.) in English/ B.Sc Economics

Semester-IV

(Session 2019-20)

Environmental Studies (COMPULSORY PAPER)

Course Code: AECE-4221

(Theory)

Examination Time: 3 Hrs.

Max. Marks: 100

Theory: 60

Project report: 20

CA: 20

Instructions for the Paper Setter

The question paper should carry 60 marks. The structure of the question paper being:

Part-A, Short answer pattern – 20 marks

Attempt any five questions out of seven. Each question carries 4 marks. Answer to each question should not exceed 2 pages

Part-B, Essay type with inbuilt choice – 40 marks

Attempt any five questions out of eight. Each question carries 8 marks. Answer to each question should not exceed 5 pages.

Unit 1

The multidisciplinary nature of environmental studies

Definition, scope and importance, Need for public awareness

Unit 2

Natural Resources: Renewable and non-renewable resources:

Natural resources and associated problems.

(a) Forest resources: Use and over-exploitation, deforestation, case studies. Timber extraction, mining, dams and their effects on forests and tribal people.

(b) Water resources: Use and over-utilization of surface and ground water, floods, drought, conflicts over water, dams-benefits and problems.

(c) Mineral resources: Use and exploitation, environmental effects of extracting and using mineral resources, case studies.

(d) Food resources: World food problems, changes caused by agriculture and overgrazing, effects of modern agriculture, fertilizer-pesticide problems, water logging, salinity, case studies.

(e) Energy resources: Growing energy needs, renewable and non-renewable energy sources, use of alternate energy sources, case studies.

(f) Land resources: Land as a resource, land degradation, man induced landslides, soil erosion and desertification.

- Role of an individual in conservation of natural resources.
- Equitable use of resources for sustainable lifestyles.

Unit 3

Ecosystems

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

Unit 4

Biodiversity and its conservation

- Introduction – Definition: genetic, species and ecosystem diversity
- Biogeographical classification of India
- Value of biodiversity: consumptive use, productive use, social, ethical aesthetic and option values
- Biodiversity at global, national and local levels
- India as a mega-diversity nation

- Hot-spots of biodiversity
- Threats to biodiversity: habitat loss, poaching of wildlife, man wildlife conflicts
- Endangered and endemic species of India
- Conservation of biodiversity: In-situ and Ex-situ conservation of biodiversity

Unit 5

Environmental Pollution

- Definition
- Causes, effects and control measures of Air pollution, Water pollution, Soil pollution, Marine pollution, Noise pollution, Thermal pollution, Nuclear pollution
- Solid waste management: Causes, effects and control measures of urban and industrial wastes.
- Role of an individual in prevention of pollution
- Pollution case studies
- Disaster management: floods, earthquake, cyclone and landslides

Unit 6

Social Issues and the Environment

- From unsustainable to sustainable development
- Urban problems and related to energy
- Water conservation, rain water harvesting, watershed management
- Resettlement and rehabilitation of people; its problems and concerns. Case studies.
- Environmental ethics: Issues and possible solutions
- Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents and holocaust. Case studies.
- Wasteland reclamation
- Consumerism and waste products
- Environmental Protection Act, 1986
- Air (Prevention and Control of Pollution) Act, 1981
- Water (Prevention and control of Pollution) Act, 1974

- Wildlife Protection Act
- Forest Conservation Act

Issues involved in enforcement of environmental legislation

Public awareness

Unit 7

Human Population and the Environment

- Population growth, variation among nations
- Population explosion – Family Welfare Programmes
- Environment and human health
- Human Rights
- Value Education
- HIV / AIDS
- Women and Child Welfare
- Role of Information Technology in Environment and Human Health
- Case Studies

Unit 8

Field Work

- Visit to a local area to document environmental assets
river/forest/grassland/hill/mountain
- Visit to a local polluted site – Urban / Rural / Industrial / Agricultural
- Study of common plants, insects, birds
- Study of simple ecosystems-pond, river, hill slopes, etc

- References:
1. Bharucha, E. 2005. Textbook of Environmental Studies, Universities Press, Hyderabad.
 2. Down to Earth, Centre for Science and Environment, New Delhi.
 3. Heywood, V.H. &Waston, R.T. 1995. Global Biodiversity Assessment, Cambridge House, Delhi.

4. Joseph, K. & Nagendran, R. 2004. Essentials of Environmental Studies, Pearson Education (Singapore) Pte. Ltd., Delhi.
5. Kaushik, A. & Kaushik, C.P. 2004. Perspective in Environmental Studies, New Age International (P) Ltd, New Delhi.
6. Rajagopalan, R. 2011. Environmental Studies from Crisis to Cure. Oxford University Press, New Delhi.
7. Sharma, J. P., Sharma, N.K. & Yadav, N.S. 2005. Comprehensive Environmental Studies, Laxmi Publications, New Delhi.
8. Sharma, P. D. 2009. Ecology and Environment, Rastogi Publications, Meerut.
9. State of India's Environment 2018 by Centre for Sciences and Environment, New Delhi
10. Subramanian, V. 2002. A Text Book in Environmental Sciences, Narosa Publishing House, New Delhi