

# FACULTY OF SCIENCES

## SYLLABUS

### FOR

### Bachelor of Vocation (B.Voc.) (FASHION DESIGNING)

(SEMESTER: I-IV)

Examinations: 2019-20



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## GURU NANAK DEV UNIVERSITY AMRITSAR

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BACHELOR OF VOCATION (B.Voc.)  
(FASHION DESIGNING) (SEMESTER SYSTEM)

**SCHEME**

**SEMESTER-I**

**(Aligned with level 3 of Sector Skill Council – Qualification Pack – GARMENT MAKER (GAR601))**

Paper	Paper Title	Theory	Practical	File Work	Total Marks
<b>GENERAL EDUCATION COMPONENT</b>					
PAPER-I	Communication Skills in English-I	50	-	-	50
PAPER-II	Punjabi Compulsory <b>OR</b> *ਮੁੱਢਲੀ ਪੰਜਾਬੀ/ **Punjab History & Culture <b>OR</b>	50	-	-	50
PAPER-III	***Drug Abuse: Problem, Management and Prevention (Compulsory)	50	-	-	-
<b>SKILL COMPONENT</b>					
PAPER-IV	History of Fashion	50	-	-	50
PAPER-V	Fashion Sketching & Illustration	-	50	-	50
PAPER-VI	Pattern Development	-	50	-	50
PAPER-VII	Sewing Techniques	-	75	-	75
PAPER-VIII	Fabric Embellishment	-	75	-	75
			<b>Total</b>	<b>=</b>	<b>400</b>

**Note:**

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

BACHELOR OF VOCATION (B.Voc.)  
(FASHION DESIGNING) (SEMESTER SYSTEM)

**SEMESTER-II**

(Aligned with level 4 of Sector Skill Council – Qualification Pack – HAND EMBROIDER  
(AMH/Q1001))

Paper	Paper Title	Theory	Practical	File Work	Total Marks
<b>GENERAL EDUCATION COMPONENT</b>					
PAPER-I	Communication Skills in English-II	35	15	-	50
PAPER-II	Punjabi Compulsory <b>OR</b> *ਮੁੱਢਲੀ ਪੰਜਾਬੀ/ <b>OR</b> **Punjab History & Culture	50	-	-	50
PAPER-III	***Drug Abuse: Problem, Management and Prevention (Compulsory)	50	-	-	-
<b>SKILL COMPONENT</b>					
PAPER-IV	History of Indian Embroidery	50	-	-	50
PAPER-V	Embroideries of Indian Culture	-	50	-	50
PAPER-VI	Development of Pattern	-	50	-	50
PAPER-VII	Advance Sewing Technique	-	50	-	50
PAPER-VIII	Fashion Sketching & Illustration	-	50	-	50
PAPER-IX	MS-Office	-	50	-	50
			<b>Total</b>	<b>=</b>	<b>400</b>

**Note:**

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

BACHELOR OF VOCATION (B.Voc.)  
(FASHION DESIGNING) (SEMESTER SYSTEM)

**SEMESTER-III**

(Aligned with level 5 of Sector Skill Council

– Qualification Pack – PROCESSING SUPERVISOR-DYEING AND PRINTING

(AMH/Q 0615)

– Qualification Pack – FASHION DESIGNING ASSISTANT (ATS)

<b>PAPER</b>	<b>PAPER TITLE</b>	<b>THEORY</b>	<b>PRACTICAL</b>	<b>TOTAL MARKS</b>
<b>SKILL COMPONENTS</b>				
<b>PAPER-I</b>	Pattern Development (Practical)	-	100	100
<b>PAPER-II</b>	Garment Construction (Practical)	-	100	100
<b>PAPER-III</b>	Computer Graphics (Practical)	-	75	75
<b>PAPER-IV</b>	Fabric Construction (Theory)	50	-	50
<b>PAPER-V</b>	Fabric Construction (Practical)	-	75	75
			<b>TOTAL</b>	<b>400</b>

BACHELOR OF VOCATION (B.Voc.)  
(FASHION DESIGNING) (SEMESTER SYSTEM)

**SEMESTER-IV**

(Aligned with level 5 of Sector Skill Council

– Qualification Pack – PROCESSING SUPERVISOR-DYEING AND PRINTING

(AMH/Q 0615)

– Qualification Pack – FASHION DESIGNING ASSISTANT (ATS)

<b>PAPER</b>	<b>PAPER TITLE</b>	<b>THEORY</b>	<b>PRACTICAL</b>	<b>TOTAL MARKS</b>
<b>GENERAL EDUCATION COMPONENTS</b>				
<b>PAPER-I</b>	*Environmental Studies (Compulsory)	75	25	-
<b>PAPER-II</b>	Soft skills and Personality Development ( <i>Theory</i> )	75	25	100
<b>SKILL COMPONENTS</b>				
<b>PAPER-III</b>	Personality and Clothing ( <i>Theory</i> )	75	-	75
<b>PAPER-IV</b>	Dyeing and Printing ( <i>Theory</i> )	50	-	50
<b>PAPER-V</b>	Dyeing and Printing ( <i>Practical</i> )	-	75	75
<b>PAPER-VI</b>	Fashion Photography ( <i>Practical</i> )	-	100	100
			<b>TOTAL</b>	<b>400</b>

**\*Note : This paper marks will not be included in the total marks.**

BACHELOR OF VOCATION (B.Voc.)  
(FASHION DESIGNING) (SEMESTER-I)

**Paper-I: COMMUNICATION SKILLS IN ENGLISH-I**

**Time: 3 Hours**

**Max. Marks: 50**

**Instructions for the Paper Setters:-**

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

**The syllabus is divided in four sections as mentioned below:**

**Section–A**

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

**Section–B**

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

**Section–C**

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

**Activities**

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

**Section–D**

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. *English Grammar in Use* (Fourth Edition) by Raymond Murphy, CUP

BACHELOR OF VOCATION (B.Voc.)  
(FASHION DESIGNING) (SEMESTER-I)

**Paper-II: ਪੰਜਾਬੀ (ਲਾਜ਼ਮੀ)**

ਸਮਾਂ : 3 ਘੰਟੇ

ਕੁਲ ਅੰਕ : 50

**ਅੰਕ-ਵੰਡ ਅਤੇ ਪਰੀਖਿਅਕ ਲਈ ਹਦਾਇਤਾਂ**

1. ਪ੍ਰਸ਼ਨ ਪੱਤਰ ਦੇ ਚਾਰ ਭਾਗ ਹੋਣਗੇ। ਹਰ ਭਾਗ ਵਿੱਚੋਂ ਦੋ ਪ੍ਰਸ਼ਨ ਚੁੱਣੇ ਜਾਣਗੇ।
2. ਵਿਦਿਆਰਥੀ ਨੇ ਕੁੱਲ ਪੰਜ ਪ੍ਰਸ਼ਨ ਕਰਨੇ ਹਨ। ਹਰ ਭਾਗ ਵਿੱਚੋਂ ਇੱਕ ਪ੍ਰਸ਼ਨ ਲਾਜ਼ਮੀ ਹੈ। ਪੰਜਵਾਂ ਪ੍ਰਸ਼ਨ ਕਿਸੇ ਵੀ ਭਾਗ ਵਿੱਚੋਂ ਕੀਤਾ ਜਾ ਸਕਦਾ ਹੈ।
3. ਹਰੇਕ ਪ੍ਰਸ਼ਨ ਦੇ ਬਰਾਬਰ ਅੰਕ ਹਨ।
4. ਪੇਪਰ ਸੈੱਟ ਕਰਨ ਵਾਲਾ ਜੇਕਰ ਚਾਹੇ ਤਾਂ ਪ੍ਰਸ਼ਨਾਂ ਦੀ ਵੰਡ ਅੱਗੋਂ ਵੱਧ ਤੋਂ ਵੱਧ ਚਾਰ ਉਪ-ਪ੍ਰਸ਼ਨਾਂ ਵਿੱਚ ਕਰ ਸਕਦਾ ਹੈ।

**ਪਾਠ-ਕ੍ਰਮ ਅਤੇ ਪਾਠ-ਪੁਸਤਕਾਂ**

**ਸੈਕਸ਼ਨ-ਏ**

ਆਤਮ ਅਨਾਤਮ (ਕਵਿਤਾ ਭਾਗ),  
(ਸੰਪ. ਸੁਹਿੰਦਰ ਬੀਰ ਅਤੇ ਵਰਿਆਮ ਸਿੰਘ ਸੰਧੂ)  
ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ, ਅੰਮ੍ਰਿਤਸਰ।  
(ਪ੍ਰਸ਼ਗ ਸਾਹਿਤ ਵਿਆਖਿਆ, ਸਾਰ)

**ਸੈਕਸ਼ਨ-ਬੀ**

ਇਤਿਹਾਸਕ ਯਾਦਾਂ (ਇਤਿਹਾਸਕ ਲੇਖ-ਸੰਗ੍ਰਹਿ)  
ਸੰਪਾ. ਸ.ਸ.ਅਮੋਲ,  
ਪੰਜਾਬੀ ਸਾਹਿਤ ਪ੍ਰਕਾਸ਼ਨ, ਲੁਧਿਆਣਾ। (ਲੇਖ 1 ਤੋਂ 6)  
(ਨਿਬੰਧ ਦਾ ਸਾਰ, ਲਿਖਣ-ਸ਼ੈਲੀ)

**ਸੈਕਸ਼ਨ-ਸੀ**

(ੳ) ਪੈਰਾ ਰਚਨਾ  
(ਅ) ਪੈਰਾ ਪੜ੍ਹ ਕੇ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ।

**ਸੈਕਸ਼ਨ-ਡੀ**

(ੳ) ਪੰਜਾਬੀ ਧੁਨੀ ਵਿਉਂਤ : ਉਚਾਰਨ ਅੰਗ, ਉਚਾਰਨ ਸਥਾਨ ਤੇ ਵਿਧੀਆਂ, ਸਵਰ, ਵਿਅੰਜਨ,  
ਸੁਰ-ਪ੍ਰਥਮ।  
(ਅ) ਭਾਸ਼ਾ ਵੰਨਗੀਆਂ : ਭਾਸ਼ਾ ਦਾ ਟਕਸਾਲੀ ਰੂਪ, ਭਾਸ਼ਾ ਅਤੇ ਉਪ-ਭਾਸ਼ਾ ਦਾ ਅੰਤਰ, ਪੰਜਾਬੀ  
ਉਪਭਾਸ਼ਾਵਾਂ ਦੇ ਪਛਾਣ-ਚਿੰਨ੍ਹ।

BACHELOR OF VOCATION (B.Voc.)  
(FASHION DESIGNING) (SEMESTER-I)

**Paper-II: ਮੁੱਢਲੀ ਪੰਜਾਬੀ**  
(In lieu of Compulsory Punjabi)

ਸਮਾਂ : 3 ਘੰਟੇ

ਕੁਲ ਅੰਕ: 50

**ਅੰਕ-ਵੰਡ ਅਤੇ ਪਰੀਖਿਅਕ ਲਈ ਹਦਾਇਤਾਂ**

1. ਪ੍ਰਸ਼ਨ ਪੱਤਰ ਦੇ ਚਾਰ ਭਾਗ ਹੋਣਗੇ। ਹਰ ਭਾਗ ਵਿੱਚੋਂ ਦੋ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ।
2. ਵਿਦਿਆਰਥੀ ਨੇ ਕੁੱਲ ਪੰਜ ਪ੍ਰਸ਼ਨ ਕਰਨੇ ਹਨ। ਹਰ ਭਾਗ ਵਿੱਚੋਂ ਇਕ ਪ੍ਰਸ਼ਨ ਲਾਜ਼ਮੀ ਹੈ। ਪੰਜਵਾਂ ਪ੍ਰਸ਼ਨ ਕਿਸੇ ਵੀ ਭਾਗ ਵਿੱਚੋਂ ਕੀਤਾ ਜਾ ਸਕਦਾ ਹੈ।
3. ਹਰੇਕ ਪ੍ਰਸ਼ਨ ਦੇ ਬਰਾਬਰ ਅੰਕ ਹਨ।
4. ਪੇਪਰ ਸੈੱਟ ਕਰਨ ਵਾਲਾ ਜੇਕਰ ਚਾਹੇ ਤਾਂ ਪ੍ਰਸ਼ਨਾਂ ਦੀ ਵੰਡ ਅੱਗੋਂ ਵੱਧ ਤੋਂ ਵੱਧ ਚਾਰ ਉਪ-ਪ੍ਰਸ਼ਨਾਂ ਵਿੱਚ ਕਰ ਸਕਦਾ ਹੈ।

**ਪਾਠ-ਕ੍ਰਮ**

**ਸੈਕਸ਼ਨ-ਏ**

ਪੈਂਤੀ ਅੱਖਰੀ, ਅੱਖਰ ਕ੍ਰਮ, ਪੈਰ ਬਿੰਦੀ ਵਾਲੇ ਵਰਣ ਅਤੇ ਪੈਰ ਵਿਚ ਪੈਣ ਵਾਲੇ ਵਰਣ ਅਤੇ ਮਾਤ੍ਰਵਾਂ (ਮੁੱਢਲੀ ਜਾਣ-ਪਛਾਣ)  
ਲਗਾਖਰ (ਬਿੰਦੀ, ਟਿੱਪੀ, ਅੱਧਕ) : ਪਛਾਣ ਅਤੇ ਵਰਤੋਂ

**ਸੈਕਸ਼ਨ-ਬੀ**

ਪੰਜਾਬੀ ਸ਼ਬਦ-ਬਣਤਰ : ਮੁੱਢਲੀ ਜਾਣ-ਪਛਾਣ  
(ਸਾਧਾਰਨ ਸ਼ਬਦ, ਸੰਯੁਕਤ ਸ਼ਬਦ, ਮਿਸ਼ਰਤ ਸ਼ਬਦ, ਮੂਲ ਸ਼ਬਦ, ਅਗੇਤਰ ਅਤੇ ਪਿਛੇਤਰ)

**ਸੈਕਸ਼ਨ-ਸੀ**

ਨਿੱਤ ਵਰਤੋਂ ਦੀ ਪੰਜਾਬੀ ਸ਼ਬਦਾਵਲੀ : ਬਾਜ਼ਾਰ, ਵਪਾਰ, ਰਿਸ਼ਤੇ-ਨਾਤੇ, ਖੇਤੀ ਅਤੇ ਹੋਰ ਧੰਦਿਆਂ ਆਦਿ ਨਾਲ ਸੰਬੰਧਤ।

**ਸੈਕਸ਼ਨ-ਡੀ**

ਹਫ਼ਤੇ ਦੇ ਸੱਤ ਦਿਨਾਂ ਦੇ ਨਾਂ, ਬਾਰ੍ਹਾਂ ਮਹੀਨਿਆਂ ਦੇ ਨਾਂ, ਰੁੱਤਾਂ ਦੇ ਨਾਂ, ਇਕ ਤੋਂ ਸੌ ਤਕ ਗਿਣਤੀ ਸ਼ਬਦਾਂ ਵਿਚ ।



BACHELOR OF VOCATION (B.Voc.)  
(FASHION DESIGNING) (SEMESTER-I)

**Paper-II: Punjab History & Culture (From Earliest Times to C 320)**  
**(Special Paper in lieu of Punjabi compulsory)**  
**(For those students who are not domicile of Punjab)**

**Time: 3 Hours**

**Max. Marks: 50**

**Instructions for the Paper Setters:-**

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

**Section A**

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

**Section B**

3. Harappan Civilization: Town planning; social, economic and religious life of the Indus Valley People.
4. The Indo-Aryans: Original home and settlements in Punjab.

**Section C**

5. Social, Religious and Economic life during *Rig* Vedic Age.
6. Social, Religious and Economic life during Later Vedic Age.

**Section D**

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

**Suggested Readings**

1. L. M Joshi (ed.), *History and Culture of the Punjab*, Art-I, Patiala, 1989 (3<sup>rd</sup> 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.
5. Chopra, P.N., Puri, B.N., & Das, M.N.(1974). *A Social, Cultural & Economic History of India*, Vol. I, New Delhi: Macmillan India.

BACHELOR OF VOCATION (B.Voc.)  
(FASHION DESIGNING) (SEMESTER-I)

**Paper-III: Drug Abuse: Problem, Management and Prevention  
(COMPULSORY PAPER)**

**PROBLEM OF DRUG ABUSE**

**Time: 3 Hours**

**Max. Marks: 50**

**Instructions for the Paper Setters:-**

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

**Section – A**

**Meaning of Drug Abuse:**

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

**Section – B**

**Consequences of Drug Abuse for:**

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

**Section – C**

**Management of Drug Abuse:**

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

**Section – D**

Psychiatric Management: Counselling, Behavioural and Cognitive therapy.

Social Management: Family, Group therapy and Environmental Intervention.

**References:**

1. Ahuja, Ram (2003), *Social Problems in India*, Rawat Publication, Jaipur.
2. Extent, Pattern and Trend of Drug Use in India, Ministry of Social Justice and Empowerment, Government of India, 2004.
3. Inciardi, J.A. 1981. *The Drug Crime Connection*. Beverly Hills: Sage Publications.
4. Kapoor. T. (1985) *Drug epidemic among Indian Youth*, New Delhi: Mittal Pub.
5. Kessel, Neil and Henry Walton. 1982, *Alcoholism*. Harmond Worth: Penguin Books.
6. Modi, Ishwar and Modi, Shalini (1997) *Drugs: Addiction and Prevention*, Jaipur: Rawat Publication.

BACHELOR OF VOCATION (B.Voc.)  
(FASHION DESIGNING) (SEMESTER-I)

7. National Household Survey of Alcohol and Drug abuse. (2003) New Delhi, Clinical Epidemiological Unit, All India Institute of Medical Sciences, 2004.
8. Ross Coomber and Others. 2013, *Key Concept in Drugs and Society*. New Delhi: Sage Publications.
9. Sain, Bhim 1991, *Drug Addiction Alcoholism, Smoking obscenity* New Delhi: Mittal Publications.
10. Sandhu, Ranvinder Singh, 2009, *Drug Addiction in Punjab: A Sociological Study*. Amritsar: Guru Nanak Dev University.
11. Singh, Chandra Paul 2000. *Alcohol and Dependence among Industrial Workers*: Delhi: Shipra.
12. Sussman, S and Ames, S.L. (2008). *Drug Abuse: Concepts, Prevention and Cessation*, Cambridge University Press.
13. Verma, P.S. 2017, "*Punjab's Drug Problem: Contours and Characteristics*", Economic and Political Weekly, Vol. LII, No. 3, P.P. 40-43.
14. World Drug Report 2016, United Nations office of Drug and Crime.
15. World Drug Report 2017, United Nations office of Drug and Crime.

BACHELOR OF VOCATION (B.Voc.)  
(FASHION DESIGNING) (SEMESTER-I)

**Paper-IV : History of Fashion**

**Time: 3 Hours**

**Max. Marks: 50**

**Instructions for the Paper Setters:-**

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

**Section – A**

**Definitions:** Fashion, Fad, Style, Classic Fashion, Trends, Mass Fashion, High Fashion, Design, Boutique.

**Fashion Theory:** Trickle Down Theory, Trickle Across Theory, Bottom Up Theory, Trickle Up Theory

History of Fashion Media, Theatre

**Section – B**

Fashion Cycle and Factors affecting it.

Principles of Fashion and its importance.

**Section – C**

Element of Art: Line, Color, Shape, Texture

Principles of Art In relation to Interior Decoration, Harmony, Balance, Rhythm, Proportion and Emphasis

**Section – D**

Fashion Leaders and Followers.

Fashion Factors affecting apparel designing: Sex, Age, Occupation, Season, Occasion and Environment or Society

**Reference Books:**

- Manmeet Sodhia. History of Fashion. Second Edition, 2008. Kalyani Publishers Ludhiana.

BACHELOR OF VOCATION (B.Voc.)  
(FASHION DESIGNING) (SEMESTER-I)

**Paper-V: Fashion Sketching and Illustration (Practical)**

**Time: 3 Hours**

**Max. Marks: 50**  
**Practical Marks: 40**  
**File Work: 10**

Concept of Fashion Designing: Knowledge of Drawing Equipments, Tools and Coloring, Medium.

Block Figure: Normal Block, Child Block.

Sketching Of Gathers, Pleats, Frills.

Color: Color Wheel, Color Schemes.

Structure of Hands, Eyes, Nose, Lips, Legs and Drawing of Hair.

Market Survey and Sample Collection Of Suitable Materials, Trimmings And Notions.

**Reference Books:**

- ✓ Fashion Drawing: The Basic Principles by Allen & Julian Seaman.
- ✓ Fashion Illustration : Bina Abling
- ✓ Fashion Drawing Designs : Magazine of Thailand
- ✓ Designing Book for Children Garment: All Volumes and Kiddys
- ✓ Innovative Fashion Sketching by Rita Gerstem

BACHELOR OF VOCATION (B.Voc.)  
(FASHION DESIGNING) (SEMESTER-I)

**Paper-VI : Pattern Development (Practical)**

**Time: 3 Hours**

**Total Marks: 50**  
**Practical Marks: 40**  
**File Work: 10**

Creation of Bodice Block and Sleeve Block for a Child.

**Adaptation of Sleeve Block to:** Plain, Puff, Cap, Bell, Leg-O-Mutton, Umbrella.

**Basic Skirt Block and Its Adaptation to:** A-Line Skirts, Flare Skirt, Skirt with Yoke, Circular Skirt- Full And Half.

**Adaptation of Collars:** Baby Collar, Peter Pan Collar, Cape Collar, Chinese Collar.

**Reference Books:**

- ✓ Helen Joseph Armstrong, Pattern Making for Fashion Design,2000., Dorling Kindersley (India)
- ✓ Sandra Betzina ,fast fit-Easy Pattern Alteration for Every Figure,,2003 Taunton Pr.

BACHELOR OF VOCATION (B.Voc.)  
(FASHION DESIGNING) (SEMESTER-I)

**Paper-VII : Sewing Techniques (Practical)**

**Total Time:3 Hrs**

**Total Marks: 75**  
**Practical Marks: 50**  
**File Work: 25**

Making Samples Of The Following :

Tracking: Even And Uneven, Diagonal Running, Hemming- Visible & Invisible, Buttonhole, Fasteners- Press Button, Hook, Velcro, Zipper.

Seams: Plain, Counter Seam, Run and Fell Seam and French seam.

Seam Finishes: Over Casting, Pinking, Turned In And Stitched.

Continuous Wrap Placket, Two Piece Placket, Kurta Placket, Darts-Leg- Dart, Fish Dart, Pleat-Knife Pleat, Box Pleat, Inverted Box Pleat, Gathers, Tucks – Pin Tucks, Cross Tucks.

Methods and Preparation of Basic Blocks – Bodice And Sleeve.

Construction of Sleeves: Puff, Cap, Bell, Leg-O-Mutton, Umbrella.

Construction of Collars: Baby, Peter Pan, Cape Collar, Chinese Collar.

Construction of Basic Skirt and Circular Skirt.

**Reference Books:**

- ✓ “Complete Guide To Sewing”, Reader Digest.
- ✓ Winfred Aldrich, Metric Pattern Cutting, Blackwell Science, UK.
- ✓ Sewing In Color By Mc Calls

BACHELOR OF VOCATION (B.Voc.)  
(FASHION DESIGNING) (SEMESTER-I)

**Paper-VIII : Fabric Embellishment (Practical)**

**Total Time:3 Hrs**

**Total Marks:75**  
**Practical Marks:50**  
**File Work: 25**

Patch Work and Quilting: Material and Techniques.

Embroidery: 10 Fancy Embroidery Stitches.

Making Samples of Special Techniques: Smoking, Ribbon Work, Beads And Sequins Work.

Develop One Product Based On Any One Technique.

**Reference Books:**

- ✓ Barbara Snook, “Creative Art of Embroidery”, Numbly Pub. Group Ltd, London, 1972”
- ✓ Gail L., cc Inspiration Ideas for embroidery on clothes and accessories”, search press Ltd, 1993



BACHELOR OF VOCATION (B.Voc.)  
(FASHION DESIGNING) (SEMESTER-II)

**PAPER-I: COMMUNICATION SKILLS IN ENGLISH-II**

**Time: 3 Hours**

**Max. Marks: 50**  
**Theory Marks: 35**  
**Practical Marks: 15**

**Instructions for the Paper Setters:-**

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

**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 and Intonation,  
Situation based Conversation in English,  
Essentials of Spoken English.

**Activities:** Giving Interviews

**PRACTICAL / ORAL TESTING**

**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 10 minutes duration (Topic can be given in advance or it can be 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.

BACHELOR OF VOCATION (B.Voc.)  
(FASHION DESIGNING) (SEMESTER-II)

**Paper-II: ਪੰਜਾਬੀ (ਲਾਜ਼ਮੀ)**

ਸਮਾਂ : 3 ਘੰਟੇ

ਕੁਲ ਅੰਕ : 50

**ਅੰਕ-ਵੰਡ ਅਤੇ ਪਰੀਖਿਅਕ ਲਈ ਹਦਾਇਤਾਂ**

1. ਪ੍ਰਸ਼ਨ ਪੱਤਰ ਦੇ ਚਾਰ ਭਾਗ ਹੋਣਗੇ। ਹਰ ਭਾਗ ਵਿੱਚੋਂ ਦੋ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ।
2. ਵਿਦਿਆਰਥੀ ਨੇ ਕੁੱਲ ਪੰਜ ਪ੍ਰਸ਼ਨ ਕਰਨੇ ਹਨ। ਹਰ ਭਾਗ ਵਿੱਚੋਂ ਇੱਕ ਪ੍ਰਸ਼ਨ ਲਾਜ਼ਮੀ ਹੈ। ਪੰਜਵਾਂ ਪ੍ਰਸ਼ਨ ਕਿਸੇ ਵੀ ਭਾਗ ਵਿੱਚੋਂ ਕੀਤਾ ਜਾ ਸਕਦਾ ਹੈ।
3. ਹਰੇਕ ਪ੍ਰਸ਼ਨ ਦੇ ਬਰਾਬਰ ਅੰਕ ਹਨ।
4. ਪੇਪਰ ਸੈੱਟ ਕਰਨ ਵਾਲਾ ਜੇਕਰ ਚਾਹੇ ਤਾਂ ਪ੍ਰਸ਼ਨਾਂ ਦੀ ਵੰਡ ਅੱਗੋਂ ਵੱਧ ਤੋਂ ਵੱਧ ਚਾਰ ਉਪ-ਪ੍ਰਸ਼ਨਾਂ ਵਿੱਚ ਕਰ ਸਕਦਾ ਹੈ।

**ਪਾਠ-ਕ੍ਰਮ ਅਤੇ ਪਾਠ-ਪੁਸਤਕਾਂ**

**ਸੈਕਸ਼ਨ-ਏ**

ਆਤਮ ਅਨਾਤਮ (ਕਹਾਣੀ ਭਾਗ),  
(ਸੰਪ. ਸੁਹਿੰਦਰ ਬੀਰ ਅਤੇ ਵਰਿਆਮ ਸਿੰਘ ਸੰਧੂ)  
ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ, ਅੰਮ੍ਰਿਤਸਰ।  
(ਵਿਸ਼ਾ-ਵਸਤੂ, ਪਾਤਰ ਚਿਤਰਨ)

**ਸੈਕਸ਼ਨ-ਬੀ**

ਇਤਿਹਾਸਕ ਯਾਦਾਂ (ਇਤਿਹਾਸਕ ਲੇਖ-ਸੰਗ੍ਰਹਿ)  
ਸੰਪਾ. ਸ.ਸ.ਅਮੋਲ,  
ਪੰਜਾਬੀ ਸਾਹਿਤ ਪ੍ਰਕਾਸ਼ਨ, ਲੁਧਿਆਣਾ। (ਲੇਖ 7 ਤੋਂ 12)  
(ਸਾਰ, ਲਿਖਣ ਸ਼ੈਲੀ)

**ਸੈਕਸ਼ਨ-ਸੀ**

(ੳ) ਸ਼ਬਦ-ਬਣਤਰ ਅਤੇ ਸ਼ਬਦ ਰਚਨਾ : ਪਰਿਭਾਸ਼ਾ, ਮੁੱਢਲੇ ਸੰਕਲਪ  
(ਅ) ਸ਼ਬਦ ਸੁਟਾਅ

**ਸੈਕਸ਼ਨ-ਡੀ**

(ੳ) ਸੰਖੇਪ ਰਚਨਾ  
(ਅ) ਮੁਹਾਵਰੇ ਅਤੇ ਅਖਾਣ

BACHELOR OF VOCATION (B.Voc.)  
(FASHION DESIGNING) (SEMESTER-II)

**Paper-II: ਮੁੱਢਲੀ ਪੰਜਾਬੀ**  
**(In lieu of Compulsory Punjabi)**

ਸਮਾਂ: 3 ਘੰਟੇ

ਕੁਲ ਅੰਕ: 50

**ਅੰਕ-ਵੰਡ ਅਤੇ ਪਰੀਖਿਅਕ ਲਈ ਹਦਾਇਤਾਂ**

1. ਪ੍ਰਸ਼ਨ ਪੱਤਰ ਦੇ ਚਾਰ ਭਾਗ ਹੋਣਗੇ। ਹਰ ਭਾਗ ਵਿੱਚੋਂ ਦੋ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ।
2. ਵਿਦਿਆਰਥੀ ਨੇ ਕੁੱਲ ਪੰਜ ਪ੍ਰਸ਼ਨ ਕਰਨੇ ਹਨ। ਹਰ ਭਾਗ ਵਿੱਚੋਂ ਇਕ ਪ੍ਰਸ਼ਨ ਲਾਜ਼ਮੀ ਹੈ। ਪੰਜਵਾਂ ਪ੍ਰਸ਼ਨ ਕਿਸੇ ਵੀ ਭਾਗ ਵਿੱਚੋਂ ਕੀਤਾ ਜਾ ਸਕਦਾ ਹੈ।
3. ਹਰੇਕ ਪ੍ਰਸ਼ਨ ਦੇ ਬਰਾਬਰ ਅੰਕ ਹਨ।
4. ਪੇਪਰ ਸੈੱਟ ਕਰਨ ਵਾਲਾ ਜੇਕਰ ਚਾਹੇ ਤਾਂ ਪ੍ਰਸ਼ਨਾਂ ਦੀ ਵੰਡ ਅੱਗੋਂ ਵੱਧ ਤੋਂ ਵੱਧ ਚਾਰ ਉਪ-ਪ੍ਰਸ਼ਨਾਂ ਵਿੱਚ ਕਰ ਸਕਦਾ ਹੈ।

**ਪਾਠ-ਕ੍ਰਮ**

**ਸੈਕਸ਼ਨ-ਏ**

ਸ਼ਬਦ ਸ਼੍ਰੇਣੀਆਂ : ਪਛਾਣ ਅਤੇ ਵਰਤੋਂ  
(ਨਾਂਵ, ਪੜਨਾਂਵ, ਕਿਰਿਆ, ਵਿਸ਼ੇਸ਼ਣ, ਕਿਰਿਆ ਵਿਸ਼ੇਸ਼ਣ, ਸਬੰਧਕ, ਯੋਜਕ ਅਤੇ ਵਿਸਮਿਕ)

**ਸੈਕਸ਼ਨ-ਬੀ**

ਪੰਜਾਬੀ ਵਾਕ ਬਣਤਰ : ਮੁੱਢਲੀ ਜਾਣ-ਪਛਾਣ  
(ੳ) ਸਾਧਾਰਨ ਵਾਕ, ਸੰਯੁਕਤ ਵਾਕ ਅਤੇ ਮਿਸ਼ਰਤ ਵਾਕ (ਪਛਾਣ ਅਤੇ ਵਰਤੋਂ)  
(ਅ) ਬਿਆਨੀਆ ਵਾਕ, ਪ੍ਰਸ਼ਨਵਾਚਕ ਵਾਕ ਅਤੇ ਹੁਕਮੀ ਵਾਕ (ਪਛਾਣ ਅਤੇ ਵਰਤੋਂ)

**ਸੈਕਸ਼ਨ-ਸੀ**

ਪੈਰ੍ਹਾ ਰਚਨਾ  
ਸੰਖੇਪ ਰਚਨਾ

**ਸੈਕਸ਼ਨ-ਡੀ**

ਚਿੱਠੀ ਪੱਤਰ (ਘਰੇਲੂ ਅਤੇ ਦਫ਼ਤਰੀ)  
ਅਖਾਣ ਅਤੇ ਮੁਹਾਵਰੇ

BACHELOR OF VOCATION (B.Voc.)  
(FASHION DESIGNING) (SEMESTER-II)

**Paper-II: Punjab History & Culture (C 320 to 1000 B.C.)**  
**(Special Paper in lieu of Punjabi compulsory)**  
**(For those students who are not domicile of Punjab)**

**Time: 3 Hours**

**Max. Marks : 50**

**Instructions for the Paper Setters:-**

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

**Section A**

1. Alexander's Invasion and its Impact
2. Punjab under Chandragupta Maurya and Ashoka.

**Section B**

3. The Kushans and their Contribution to the Punjab.
4. The Panjab under the Gupta Empire.

**Section C**

5. The Punjab under the Vardhana Emperors
6. Socio-cultural History of Punjab from 7<sup>th</sup> to 1000 A.D.

**Section D**

7. Development of languages and Education with Special reference to Taxila
8. Development of Art & Architecture

**Suggested Readings**

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

BACHELOR OF VOCATION (B.Voc.)  
(FASHION DESIGNING) (SEMESTER-II)

**Paper-III: Drug Abuse: Problem, Management and Prevention  
(COMPULSORY PAPER)**

**DRUG ABUSE: MANAGEMENT AND PREVENTION**

**Time: 3 Hours**

**Max. Marks: 50**

**Instructions for the Paper Setters:-**

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

**Section – A**

**Prevention of Drug abuse:**

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

**Section – B**

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

**Section – C**

**Controlling Drug Abuse:**

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

**Section – D**

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

**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. Kessel, Neil and Henry Walton. 1982, *Alcoholism. Harmond Worth*: Penguin Books.
6. Modi, Ishwar and Modi, Shalini (1997) *Drugs: Addiction and Prevention*, Jaipur: Rawat Publication.

BACHELOR OF VOCATION (B.Voc.)  
(FASHION DESIGNING) (SEMESTER-II)

7. National Household Survey of Alcohol and Drug abuse. (2003) New Delhi, Clinical Epidemiological Unit, All India Institute of Medical Sciences, 2004.
8. Ross Coomber and Others. 2013, *Key Concept in Drugs and Society*. New Delhi: Sage Publications.
9. Sain, Bhim 1991, *Drug Addiction Alcoholism, Smoking obscenity* New Delhi: Mittal Publications.
10. Sandhu, Ranvinder Singh, 2009, *Drug Addiction in Punjab: A Sociological Study*. Amritsar: Guru Nanak Dev University.
11. Singh, Chandra Paul 2000. *Alcohol and Dependence among Industrial Workers*: Delhi: Shipra.
12. Sussman, S and Ames, S.L. (2008). *Drug Abuse: Concepts, Prevention and Cessation*, Cambridge University Press.
13. Verma, P.S. 2017, "*Punjab's Drug Problem: Contours and Characteristics*", Economic and Political Weekly, Vol. LII, No. 3, P.P. 40-43.
14. World Drug Report 2016, United Nations office of Drug and Crime.
15. World Drug Report 2017, United Nations office of Drug and Crime.

BACHELOR OF VOCATION (B.Voc.)  
(FASHION DESIGNING) (SEMESTER-II)

**Paper-IV: History of Indian Embroidery (Theory)**

**Time: 3 Hours**

**Max. Marks:50**

**Instructions for the Paper Setters:-**

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

**Section – A**

- **Bengal** : Kanthas
- **Uttar Pradesh** : Chikan kari

**Section – B**

- **Punjab** : Phulkari
- **Gujarat** : Sindhi and kutch Embroidery

**Section – C**

- **Karnataka** : Kasuti
- **Himachal Pardesh** : Chamba Rumal

**Section – D**

- **Manipur** : Manipuri
- **Kashmir** : Kashida

• **Reference :**

- Rustam J.Meta (1970) “Masterpieces of Indian Textiles” D.B. Tarporevala Sons and Co. P. Ltd.
- Joyce Story (1974) Manual of Textile. Printing “Thames and Hudson-London.
- Indian Embroideries: Savitri Pandit.
- Textiles: Hollan and Saddles.

BACHELOR OF VOCATION (B.Voc.)  
(FASHION DESIGNING) (SEMESTER-II)

**Paper-V: Embroideries of Indian Culture (Practical)**

**Total Time:3 Hrs**

**Total Marks: 50**

- Phulkari
- Kanthas
- Chikan Work
- Sindhi and kutch
- Kasuti
- Chamba Rumal
- Manipuri
- Kashida

**Reference Books:**

- Rustam J.Meta (1970) “Masterpieces of Indian Textiles” D.B. Tarporevala Sons and Co. P. Ltd.
- Joyce Story (1974) Manual of Textile. Printing ‘thames and Hudson-London.
- Indian Embroideries: Savitri Pandit.
- Textiles: Hollan and Saddles.



BACHELOR OF VOCATION (B.Voc.)  
(FASHION DESIGNING) (SEMESTER-II)

**Paper-VI: Development of Pattern (Practical)**

**Total Marks: 50**

• **Drafting of :** Child's Bloomer

Child's Frocks - A line Frock, Gathered Frock

Child's Panty

Romper

Sunsuit

Baby Night Suit

Jhabla

**Reference Books:**

- Abling, Bina and Maggio, Kathleen, Integrating draping, drafting and Drawing, Fairchild books, Inc.
- Helen Joseph Armstrong, Pattern Making for Fashion Design, 2000., Dorling Kindersley (India)

BACHELOR OF VOCATION (B.Voc.)  
(FASHION DESIGNING) (SEMESTER-II)

**Paper-VII: Advance Sewing Technique (Practical)**

**Total Marks: 50**

- **Construction of :** Child's Bloomer  
Child's Frocks - A line Frock, Gathered Frock  
Child's Panty  
Romper  
Sunsuit  
Baby Night Suit  
Jhabla

**Reference Books:**

- "Complete Guide to Sewing", Reader Digest.
- Winfred Aldrich, Metric Pattern Cutting, Blackwell Science, UK.  
Sewing in color by Mc calls.

BACHELOR OF VOCATION (B.Voc.)  
(FASHION DESIGNING) (SEMESTER-II)

**Paper-VIII: Fashion Sketching and Illustration (Practical)**

**Total Marks: 50**

• **Rendering Texture Of Fabrics :**

- Net
- Velvet
- Leather
- Corduroy
- Denim

• **Drawing of Accessories :**

- Shoes
- Bags
- Caps
- Glasses

• **Flat Sketching of :**

- Child Frocks
- Romper
- Sunsuit
- Baby Night Suit

**Reference Books:**

- Fashion sketching by Rita Gerstem
- Ireland, Patrick John, "Fashion Design Drawing and Presentation", B.T. Batsford, London, 1996.

BACHELOR OF VOCATION (B.Voc.)  
(FASHION DESIGNING) (SEMESTER-II)

**Paper-IX: MS Office (Practical)**

**Total Marks: 50**

**Section–A**

- MS-Word: Introduction to Ms-Office, Ms-Access, Ms Excel. Parts of window of word (Title bar, menu bar, status bar, ruler) , Creation of new documents, opening document ,insert a document into another document. Page setup, margins, gutters, font properties, Alignment, page breaks, header footer deleting ,moving, replace, editing text in document. Saving a document, spell checker, printing a document. Creating a table, entering and editing, Text in tables. Changing format of table, height width of row or column. Editing, deleting Rows, columns in table. Borders, shading, Templates, wizards, Drawing objects, mail merge

**Section–B**

- MS-Power Point: Introduction to Ms power point. Power point elements (templates wizard Views, color schemes ,Exploring power point menu (opening & closing menus, working With dialogues boxes), adding text, adding title, moving text area, resizing text Boxes, adding pictures. Starting a new slide, saving presentation, printing slides .Views (slide View slide sorter, notes view, outline view). Formatting & enhancing text formatting, Choosing transitions. Creating a graph, displaying slide show, adding multimedia .Slide transitions. Timing slide display, adding movies & sounds. Using a pick look Wizards to change format.

**Section–C**

- MS-Excel: Introduction to Worksheet/Spreads, Features of excel. Describe the excel Window, different functions on different data in excel, creation of graphs, editing it and formatting, changing chart type to 2d chart or 3d chart, creation of worksheet, adding, deleting, moving the text in worksheet. linking different sheets, sorting the data, querying the data, filtering the data (auto and advance filters), What-if analysis, printing a worksheet.

**Section–D**

- MS-Access: Introduction, Understanding Databases. Creating the tables. entering records in table, deleting table, modifying table fields, linking tables, Queries. Forms, formatting forms, relating a form to tables, Reports(building reports, formatting report. displaying the information of table using reports Adding Graphs to your reports.

**References Books:**

- PC Computing by R.K. Taxali.
- PC Software by Rachpal Singh & Gurinder Singh.

BACHELOR OF VOCATION (B.Voc.)  
(FASHION DESIGNING) (SEMESTER-III)

**Paper-I: Pattern Development (Practical)**

**Total Marks: 100**

- **Drafting Of Adult's Bodice Block , Sleeve**
- **Dart Manipulation By** Slash And Spread Method, Pivot
- **Dart Manipulation :**
  - Single Dart Series
  - Multiple Darts At Neck And Shoulders
  - Princess Line
  
- **Developing Paper Pattern And Grading :**
  - Skirt
  - Bodice
  - Sleeve

**Reference Books:**

- Helen Joseph Armstrong, Pattern Making for Fashion Design,2000., Dorling Kindersley(India) Pvt. Ltd. India,
- Sandra Betzina, Fast Fit –Easy Pattern Alterations for Every Figure., 2003 Tauntin Pr.

BACHELOR OF VOCATION (B.Voc.)  
(FASHION DESIGNING) (SEMESTER-III)

**Paper-II: Garment Construction (Practical)**

**Total Marks: 100**

- **Construction of :**
  - Party Wear with Princess Lines
  - Jumpsuit
  - Skirt
  - Top
  - Ethnic Wear
  - Blouse

BACHELOR OF VOCATION (B.Voc.)  
(FASHION DESIGNING) (SEMESTER-III)

**Paper-III : Computer Graphics (Practical)**

**Total Marks: 75**

**Section–A**

- Overview of Graphics system: Computer Graphics and their applications.
- Display Devices: CRT Monitors (Random – Scan and Raster Scan, DVST, Plasma Panel Display, LED and LCD Monitors.
- Graphics Software.

**Section–B**

- Elementary Drawing: Points and various line drawing Algorithms and their comparisons. Circle generating algorithms, Algorithms for ellipse, arc and spiral
- Two Dimensional Transformations: Basic Transformations, Scaling, Translation, Rotation, Reflection, Shear, Matrix representation of Basic transformations and homogenous coordinates.

**Section–C**

- Composite Transformations: Windowing and clipping. Windowing concepts, clipping and its algorithms. Window–to–view port transformations. Three Dimensional concepts. 3 D Coordinate Systems. 3 transformations. translation, scaling, rotation, projections, parallel projections. Perspective projection.
- Implementation in C: C programming for drawing 2 D objects – line rectangle, arc, circle and ellipse. C Programming for 2–D and 3–D transformations.

**Reference Books:**

- Computer Graphics by Donal Hearn M. Pardive Baker (PHI) Easter Economy Edition.
- Computer Graphics by Roy A. Plastock and Gordon Kalley – Schaum’s Series.
- Computer Graphics by Marc Berger

BACHELOR OF VOCATION (B.Voc.)  
(FASHION DESIGNING) (SEMESTER-III)

**Paper-IV : Fabric Construction (Theory)**

**Time: 3 hours**

**Total Marks: 50**

**Instructions for the Paper Setters:**

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

**Section – A**

- Introduction to Textile Industry
- Introduction Different methods of Fabric Construction.

**Section – B**

- Definition of Loom, Parts, Types (Shuttle And Shuttle Less Looms) And Operation.
- Weaving : Definition , Principle , Types Of Weaves – Basic Weaves, Novelty Weaves.

**Section – C**

- Knitting: Definition, Types and Techniques of Knitting.
- Knitting Fabric Defects and Quality Control.

**Section – D**

- Knotting: Material And Techniques
- Felting: Definition Manufacturing Process, Types, Properties and Uses.

**Reference Books :**

- Brackenbury Terry, “Knitting Clothing Technology”, Blackwell Science, UK.
- Spancer David J, “Knitting Technology”, Pergeman Press.
- Murphy, W.S. “Handbook of Weaving” Abhishek publication.



BACHELOR OF VOCATION (B.Voc.)  
(FASHION DESIGNING) (SEMESTER-III)

**Paper-V : Fabric Construction (Practical)**

**Total Marks: 75**

- Sample Making By Various:
  - Weaving Techniques : Simple or Plain Weaving  
Novelty or Fancy Weaving
  - Knitting Techniques : Warp Knitting  
Weft Knitting
  - Knotting Techniques: Macrame.
- Preparation of One Article by Using the Above Mentioned Techniques.

BACHELOR OF VOCATION (B.Voc.)  
(FASHION DESIGNING) (SEMESTER-IV)

**PAPER-I : ESL-221 : Environmental Studies (Compulsory Paper)**

**Time: 3 Hrs.**

**Max. Marks: 100**

**Teaching Methodologies**

The Core Module Syllabus for Environmental Studies includes class room teaching and field work. The syllabus is divided into 8 Units [Unit-1 to Unit-VII] covering 45 lectures + 5 hours for field work [Unit-VIII]. The first 7 Units will cover 45 lectures which are class room based to enhance knowledge skills and attitude to environment. Unit-VIII comprises of 5 hours field work to be submitted by each candidate to the Teacher in-charge for evaluation latest by 15 December, 2019.

**Exam Pattern:**            **End Semester Examination- 75 marks**  
                                   **Project Report/Field Study- 25 marks [based on submitted report]**  
                                   **Total Marks- 100**

The structure of the question paper being:

**Part-A, Short answer pattern with inbuilt choice – 25 marks**

Attempt any five questions out of seven distributed equally from Unit-1 to Unit-VII. Each question carries 5 marks. Answer to each question should not exceed 2 pages.

**Part-B, Essay type with inbuilt choice – 50 marks**

Attempt any five questions out of eight distributed equally from Unit-1 to Unit-VII. Each question carries 10 marks. Answer to each question should not exceed 5 pages.

**Project Report / Internal Assessment:**

**Part-C, Field work – 25 marks [Field work equal to 5 lecture hours]**

The candidate will submit a hand written field work report showing photographs, sketches, observations, perspective of any topic related to Environment or Ecosystem. The exhaustive list for project report/area of study are given just for reference:

1. Visit to a local area to document environmental assets: River / Forest/ Grassland / Hill / Mountain / Water body / Pond / Lake / Solid Waste Disposal / Water Treatment Plant / Wastewater Treatment Facility etc.
2. Visit to a local polluted site – Urban / Rural / Industrial / Agricultural
3. Study of common plants, insects, birds
4. Study of tree in your areas with their botanical names and soil types
5. Study of birds and their nesting habits
6. Study of local pond in terms of wastewater inflow and water quality
7. Study of industrial units in your area. Name of industry, type of industry, Size (Large, Medium or small scale)
8. Study of common disease in the village and basic data from community health centre
9. Adopt any five young plants and photograph its growth
10. Analyze the Total dissolved solids of ground water samples in your area.
11. Study of Particulate Matter (PM<sub>2.5</sub> or PM<sub>10</sub>) data from Sameer website. Download from Play store.
12. Perspective on any field on Environmental Studies with secondary data taken from Central Pollution Control Board, State Pollution Control Board, State Science & Technology Council etc.

BACHELOR OF VOCATION (B.Voc.)  
(FASHION DESIGNING) (SEMESTER-IV)

**Unit-I**

**The multidisciplinary nature of environmental studies**

Definition, scope and importance, Need for public awareness

(2 lectures)

**Unit-II**

**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.

(8 Lectures)

**Unit-III**

**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)

(6 Lectures)

**Unit-IV**

**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

(8 Lectures)

BACHELOR OF VOCATION (B.Voc.)  
(FASHION DESIGNING) (SEMESTER-IV)

**Unit-V**

**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

**(8 Lectures)**

**Unit-VI**

**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

**(7 Lectures)**

**Unit-VII**

**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

**(6 Lectures)**

BACHELOR OF VOCATION (B.Voc.)  
(FASHION DESIGNING) (SEMESTER-IV)

**Unit-VIII**

**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

**(Field work equal to 5 lecture hours)**

**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.

BACHELOR OF VOCATION (B.Voc.)  
(FASHION DESIGNING) (SEMESTER-IV)

**Paper-II : SOFT SKILLS AND PERSONALITY DEVELOPMENT (THEORY)**

**Time: 3 Hours**

**Total Marks:100**

**Theory:75**

**Practical:25**

**Instructions for the Paper Setters:**

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

**SECTION-A**

**INTERPERSONAL SKILLS:** Gratitude Understanding the relationship between Leadership Networking & Team work. Assessing Interpersonal Skills Situation description of Interpersonal Skill. Team Work: Necessity of Team Work Personally, Socially and Educationally.

**SECTION-B**

**STRESS MANAGEMENT:** Causes of Stress and its impact, how to manage & distress, Circle of control, Stress Busters. Emotional Intelligence, What is Emotional Intelligence, emotional quotient why Emotional Intelligence matters, Emotion Scales. Managing Emotions.

**SECTION-C**

**CONFLICT RESOLUTION:** Conflicts in Human Relations – Reasons Case Studies, Approaches to conflict resolution.

**SECTION-D**

**DECISION MAKING:** Importance and necessity of Decision Making, Process and practical way of Decision Making, Weighing Positives & Negatives.

**RECOMMENDED BOOKS:**

- *Soft Skills*, 2015, Career Development Centre, Green Pearl Publications.
- Kamin, Maxine. *Soft Skills Revolution: A Guide for Connecting with Compassion for Trainers, Teams, and Leaders*. Washington, DC: Pfeiffer & Company, 2013.

**Reference Books:**

- Petes S. J., Francis. *Soft Skills and Professional Communication*. New Delhi: Tata McGraw-Hill Education, 2011.
- Stein, Steven J. & Howard E. Book. *The EQ Edge: Emotional Intelligence and Your Success*. Canada: Wiley & Sons, 2006.

BACHELOR OF VOCATION (B.Voc.)  
(FASHION DESIGNING) (SEMESTER-IV)

**Paper-III : Personality and Clothing (Theory)**

**Time: 3 hours**

**Total Marks: 75**

**Instructions for the Paper Setters:**

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

**Section – A**

- Definition of Personality, History and Theories of Clothing.
- The Concept of Personality – Dimensions Of Personality, Significance of Personality Development.

**Section – B**

- Clothing In Relation To Values, Attitudes And Practices :
  - Individual
  - Society
  - Environment
- The Concept Of Success And Failure: What Is Success and Failure? Factors Responsible For Success and Failure.

**Section – C**

- Relation of Clothing to Physical and Mental Health of Wears.
- Personality Make Over and Clothing, Brief with Examples.

**Section – D**

- Effective Use of Elements and Principles of Design in Clothing: Texture, Colors, Structural and Applied Design, Form Shape and Silhouette.
- Social Implications of Clothing on the Wearer in Detail.

**Reference Books:**

- Mary Shaw Ryan, Clothing; a study in Human behavior, 1966, Holt, Rinehart and Winston(New York)
- J.C. Flugel , psychology of clothes, june 1966,Intl Universities Pr Inc.

BACHELOR OF VOCATION (B.Voc.)  
(FASHION DESIGNING) (SEMESTER-IV)

**Paper-IV : Dyeing and Printing**

**Time: 3 hours**

**Total Marks: 50**

**Instructions for the Paper Setters:**

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

**Section – A**

- Introduction To The Gray Fabric, Characteristics And Classification Of Impurities.
- The Preparatory Process of Dyeing : Signing, Desizing, Scouring, Bleaching and Mercerization.

**Section – B**

- Definition of Dyes, types of Dyes. (Chemical , Acid ,Resist , Natural)
- Tie and Dye – Definition, Principles and Process of Tie and Dye.

**Section – C**

- Application of Dyes on Textile, Brief.
- Stages of Dyeing: Fiber, Yarn, Fabric and Garments.

**Section – D**

- Methods of Printing :
  - Block Printing
  - Screen Printing
  - Stencil Printing
- Environmental concerns.

**Reference Books:**

- Joyce Storey (1974) Manual of Textile. Printing ‘Thames and Hudson – London.
- Understanding Textile: Phyllis, G. Tortora and Billie J. Cotlir
- Textiles: Hollan and Saddles.



BACHELOR OF VOCATION (B.Voc.)  
(FASHION DESIGNING) (SEMESTER-IV)

**Paper-V : Dyeing and Printing (Practical)**

**Total Marks: 75**

**Sample Dyeing by:**

- Tie and Dye.

**Sample Printing by:**

- Block Printing
- Screen Printing
- Stencil Printing

Preparation of Two Articles by Using the Tie Dye and Printing Techniques.

BACHELOR OF VOCATION (B.Voc.)  
(FASHION DESIGNING) (SEMESTER-IV)

**Paper-VI : Fashion Photography (Practical)**

**Total Marks: 100**

- Role Of Fashion Photographer
- Finding Locations
- Preparation And Equipment
- Setting Up For A Shoot
- Deciding The Right Pose
- Do's And Don'ts Of Photography
- Dealing With Potential Clients
- Presenting the Photos, Developing a Portfolio.