

FACULTY OF SCIENCES

SYLLABUS FOR THE BATCH FROM THE YEAR 2023 TO YEAR 2026

Programme Code:BVTD

**Programme Name: B.Voc .in Textile Design & Apparel Technology
(Semester I-VI)**

Examinations: 2023-2026



Department of Fashion Designing

Khalsa College, Amritsar

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(b) Subject to change in the syllabi at any time.
(c) Please visit the College website time to time.**

S.No.	PROGRAMME OBJECTIVES
PO1-	Design Knowledge: Graduates will learn the skills required to become professionals through the practical and theoretical study of textile, apparel, fashion and design.
PO2-	Problem Analysis: Graduates will develop the ability to collaborate with different government organizations and NGO's effectively to work on creative projects with problem solving attitude.
PO3-	Design/Development of Solutions: Graduates will be able to focus on creative approach of developing designs and innovative solutions through learned traditional and contemporary technologies.
PO4-	Conduct Investigations of complex problem: Graduates will be able to develop an eye for the analysis of the complexities arising in the supply chain and other areas of fashion industry.
PO5-	Modern Tool Usage: Graduates will be able to understand the applicability of new technologies related to design development, material choices, manufacturing and distribution of fashion in global market.
PO6-	Design and Society: Graduates will be able to articulate their ideas to contribute to different sectors of society like information technology, hotel management and film industry.
PO-7	Environment and Sustainability: Graduate will gain knowledge about the environmental aspects of textiles and fashion industry and will be able to provide sustainable competitive edge in meeting industrial demands.
PO8-	Ethics: Graduates will be able to work ethically in all areas of industry related to fashion, textile and apparel.
PO9	Individual and Teamwork: Graduates will be able to work in a team with a forward-thinking ability to promote their inventive personal design vision through creative work and research.
PO10	Communication: Graduates will learn to communicate their ideas and creative inputs to global fashion industry by creating fashion images, using multimedia and digital technologies, and will be able to explore illustration potential in branding, editorial platforms, advertising and graphic design.
PO11	Project Management and Finance: Graduates will develop entrepreneurial opportunities for themselves and others by developing product related to health, welfare, safety and will serve the society effectively.
PO12	Life Long Learning: Graduate will be able to continue the learning process by upgrading themselves with new technologies and requirements related to ever growing design & fashion industry.

S.No.	PROGRAMME SPECIFIC OUTCOMES (PSOS)
PSO-1	Students will be able to attain successful career options globally, by effective communication of their ideas and implementation of creative inputs, not only as fashion designers but also as merchandiser, art director, film and theatre costume designer, fashion photographer and stylist.
PSO-2	By the means of entrepreneurship development; students will be able to generate employment for others and thus rather being job seekers, they will become job providers; which will be the result of creative approach, innovative solutions and study of consumer behavior through traditional and latest digital technologies.
PSO-3	Students will be able to identify their position in various subfields of apparel, fashion and allied industries like e-commerce, retail, branding and marketing, luxury and high value product markets; after completion of their bachelor's degree by virtue of specialization which otherwise requires further education

COURSE SCHEME											
SEMESTER - I											
Course Code	Course Name	Hours/Week	Credits			Total Credits	Max Marks				Page No.
			L	T	P		Th	P	IA	Total	
Major Courses											
BVTD 111	Design Foundation & Basics of Textile	1	1	1	0	2	37	---	13	50	6
BVTD 112	Design Foundation & Basics of Textile (practical)	4	0	0	2	2	----	37	13	50	7
BVTD 113	Sewing Techniques (practical)	8	0	0	4	4	---	75	25	100	8
Minor Courses (If Any)											
BVTD 114	Introduction to Enterpenureship	3	3	1	0	4	75	--	25	100	9-10
CS-BVTD111	Computer Application-I	6	2	0	2	4	50	25	25	100	11-12
Compulsory Courses											
Ability Enhancement Courses											
BCSV-1129	Communication Skills in English-I	3	3	0	1	4	60	15	25	100	13-14
BHPB-1101 BPBI-1102 BPHC-1104	Punjabi (compulsory) *Basic Punjabi OR **Punjab history & culture	4	4	0	0	4	75	---	25	100	15.16 ,17-18
Value Added Courses											
ZDA111	*** drug abuse:problems, management and prevention (compulsory)	2	2	0	0	2	--	--	--	50	19-20
		31				26				600	

SEMESTER - II											
Course Code	Course Name	Hours/Week	Credits			Total Credits	Max Marks				Page No.
			L	T	P		Th	P	IA	Total	
Major Courses											
BVTD121	Introduction to Fashion	3	3	1	0	4	75		25	100	21
BVTD122	Garment sewing(practical)	8	0	0	4	4		75	25	100	22
BVTD123	Design foundation and basics of textiles –II(Practical)	8	0	0	4	4		75	25	100	23
Minor Courses (If Any)											
BVTD124	Enterprise Planning	4	4	0	0	4	75		25	100	24-25
CS-BVTD121	Computer Applications-II(Practical)	8	0	0	4	4		75	25	100	26
Compulsory Courses											
-----	-----	-----	--	--	--	-----	--	--	--	--	----
Ability Enhancement Courses											
BCSV-1229	Communication Skills in English-I	3	3	0	1	4	60	15	25	100	27-28
BHPB-1201 BPBI-1202 BPHC-1204	Punjabi (compulsory) *Basic Punjabi OR **Punjab history & culture	4	4	0	0	4	75	---	25	100	29-33
Value Added Courses											
ZDA121	*** drug abuse:problems, management and prevention (compulsory)	2	2	0	0	2	--	--	--	50	34-35
		40				30				700	

**PROGRAM: Bachelor of Vocation in (B.Voc.)
(Textile Design & Apparel Technology) Semester-I
COURSE CODE–BVTD111**

COURSE TITLE: Design Foundation & Basics of Textiles-I (Theory)

Time: 03 hrs

Credit hours (per week) =L (1) +T (1) +P (0)

Maximum marks=50

Theory =37

Internal assessment =13

Note: Medium of Examination in English, Hindi, Punjabi language.

INSTRUCTIONS FOR PAPER SETTERS:

- 1. There will be five sections.**
- 2. Section A Carries 9 marks and is compulsory consisting of eight short answer type questions of 1.5 marks each covering the whole syllabus. The candidate will have to attempt six questions in section A.**
- 3. Sections B, C, D and E will be set from unit I, II, III, &IV respectively and will consist of two questions of 7 marks each from the respective unit. The candidates are required to attempt one question from each of these sections.**

COURSE OBJECTIVES:

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

COURSE CONTENTS:

UNIT -I

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

UNIT -II

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

UNIT -III

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

UNIT -IV

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

**PROGRAM: Bachelor of Vocation in (B.Voc.)
(Textile Design & Apparel Technology) Semester-I
COURSE CODE–BVTD112
COURSE TITLE: Design Foundation & Basics of Textiles-I
(PRACTICAL)**

Time: 03 hrs
Credit hours (per week) =L (0) +T (0) +P (2)

Maximum marks=50
Practical=37
Internal assessment =13

INSTRUCTIONS FOR PAPER SETTERS: Paper will be set on the spot by the examiner.

COURSE CONTENTS:

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

BOOK PRESCRIBED:

1. Norman Hollen and Jane Saddler, “Textiles” Second Edition. (1949), The Macmillan Company, New York. Colliee- Macmillan, Limited London.
2. Bernard P.Corbman, Textiles Fiber to Fabric, McGraw, Hill International Editions,(1993), Cataloging Publications.
3. Dorothy Siegert Lyle, Modern Textiles – (1971) Jonh Wiley and Sons Inc., New York, London, Sydney, Toronto. Published-1983
4. Be an Artist in 10 Steps, Ian Sidaway, Patricia Seligman, 15March 2009.

COURSE OUTCOMES:

COS1: Develop an understanding about fashion, fashion terminologies and fashion forecasting.

COS2: To learn about factors affecting fashion.

COS3: To enable the students about roll of social and psychological aspect

**PROGRAMME: Bachelor of Vocation in (B.Voc.)
(Textile Design & Apparel Technology) Semester-I
COURSE CODE –BVTD113
COURSE TITLE: Sewing Techniques (Practical)**

Time: 03 hrs
Credit hours (per week) =L (0) +T (0) +P (4)

Maximum marks=100
Practical =75
Internal assessment =25

INSTRUCTIONS FOR PAPER SETTERS: Paper will be set on the spot by the examiner.

COURSE OBJECTIVE:

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

COURSE CONTENTS:

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

BOOKS PRECRIBED:

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

COURSE OUTCOMES:

- COS1: Explain about the various components of garment construction and its application.
- COS2: To gain knowledge in seams and seam finishes
- COS3: To enable the students a basic garment construction details.

**PROGRAMME: Bachelor of Vocation in (B.Voc.)
(Textile Design & Apparel Technology) Semester-I
COURSE CODE-BVTD114
COURSE TITLE: Introduction to Entrepreneurship (Theory)**

Time: 03 hrs
Credit hours (per week) =L (3) +T (1) +P (0)

Maximum marks=100
Theory =75
Internal assessment =25

Note: Medium of Examination in English, Hindi, Punjabi language.

INSTRUCTIONS FOR PAPER SETTERS:-

There will be five sections.

Section A Carries 15 marks and is compulsory consisting of ten short answer type questions of 2.5 marks each covering the whole syllabus. The candidate will have to attempt six questions in section A.

Sections B, C, D and E will be set from unit I, II, III, &IV respectively and will consist of two questions of 15 marks each from the respective unit. The candidates are required to attempt one question from each of these sections.

COURSE OBJECTIVES:

To impart the knowledge of Entrepreneurship- which will help the students to start their enterprise.

COURSE CONTENTS:

UNIT-I

- Entrepreneurship
- Concept functions and need.

UNIT-II

- Characteristics of entrepreneurship.
- Process of entrepreneurship development.

UNIT-III

- Help and support to entrepreneurs

UNIT-IV

- Barriers to entrepreneurship

BOOKS PRESCRIBED:

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

COURSE OUTCOMES:

COS1: Understand entrepreneurship concept as a whole.

COS2: Explain the role and importance of the small and medium sized enterprises in the economy.

COS3: Apply the various concepts to an understanding of new business creation and growth.

COS4: Understand business planning concept as a whole.

Bachelor of Vocational in (B.Voc)
(Textile Design & Apparel technology)
Semester-I
CS-BVTD111: Computer Application I

Time: 3 Hours

Credit Hours/week: 4

Total Marks:100

Theory Marks: 50

Practical Marks: 25

Internal Assessment:25

Instructions: Medium of Examination is English Language.

Section A: It will have question No.1 consisting of 12 very short answer questions from the entire syllabus. Students will attempt 10 questions. Each question will carry 01 mark with answer to each question up to 05 lines in length. The total weightage being 10 marks.

Section B: It will consist of essay type/numerical questions up to five pages in length. Four questions numbering 2, 3, 4 and 5 will be set by the examiner from Unit-I of the syllabus. The students will be required to attempt any two questions. Each question will carry 10 marks. The total weightage of this section shall be 20 marks.

Section C: It will consist of essay type/numerical questions up to five pages in length. Four questions numbering 6, 7, 8 and 9 will be set by the examiner from Unit-II of the syllabus. The students will be required to attempt any two questions. Each question will carry 10 marks. The total weightage of this section shall be 20 marks.

Course Objectives:

1. To familiarize the various parts of computer.
2. To study application of computers in different fields.
3. To recall the evolution of computers through various generation.
4. To acquire the knowledge of working of input and output devices.
5. To impart the knowledge about basics of operating system along with its types.
6. To impart knowledge about basics of MS-Word, MS-PowerPoint, and MS- Excel.
7. Hands on practice of MS office software.

UNIT -I

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

Introduction to computer Hardware and Software: Hardware (Input devices: Keyboard, mouse, light pen, touch screen, Touch screens, Bar Code reader, Joystick, , Output Devices: Monitor, Printers (Line, Character, and Page), plotters, voice response units. Data Storage Devices and Media: Primary storage (Cache memory, Random Access Memory, Read only Memory), Secondary storage, (Magnetic tapes, Magnetic Disk, Floppy Disk, CD-ROM, Solid State Storage devices), Definition of software, Types of Software.

UNIT-II

Operating System: Basic Functions and Types of Operating System. Basics of Window (Desktop, Taskbar, Start Menu, Folder and Sub-Folder (Creation, rename and delete), Shortcut, Recycle bin, Control Panel, Window Explorer, To add and delete Applications and Printer, Accessories.

Introduction to MS-Word: Creating, editing, printing and saving, Indents and Outdents, Page and Paragraph formatting, Find and Replace, Inserting bookmarks, Symbols, and Dates, Working With tables, spell-grammar check, Mail merge.

MS-Power Point: Presentation Basics, Menus and Toolbars. Creating, Opening, Saving, Printing and existing presentation, Creating and Saving a presentation using sample templates. Different Views of Presentation, Insert slides from another presentation, Inserting pictures and graphics, Slide show.

MS-Excel -2010: Worksheet overview. Entering information. Worksheet creating. Opening and saving workbook. Formatting number and texts. Protecting cells. Creating and Printing Chart and Graphs.

Practical:

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

References:

1. Fundamentals of Information Technology, V.K. Jain, S.K Kataria & Sons publication, 2007
2. Introduction to Computers, Norton, 7th Edition, Peter, McGraw Hill, 2017
3. Computer Fundamentals, P.K. Sinha, 8th Edition, bpb publications, 2004.

Course Outcomes:

At the end of course students will be able to:

CO-1.	Learn about the basic components of computer system.
CO-2.	Learn about the classifications of computer system.
CO-3.	Gain insight of working of input and output devices.
CO-4.	Understand the basic concepts of MS-Word, MS-PowerPoint, and MS-excel.
CO-5.	Understand the concept of storing of data in memory and its types.

Session-2023-26
Bachelor of Vocation (B.Voc.)
(Software Development, Theatre and Stage Craft, Food Processing, Textile Design & Apparel Technology)
Semester – I
COMMUNICATION SKILLS IN ENGLISH-I
Code: BCSV-1129

L	T	P	Credits
3	0	1	4

Time: 3 Hours

Max. Marks: 100
Theory: 60
Practical: 15
Internal Assessment: 25

Instructions for the Paper Setters:-

Section A is compulsory. It will consist of Fifteen (15) questions of one mark each. The students will be required to attempt any Twelve (12). (12X1= 12 Marks)

Eight (8) questions of equal marks will be set from Section B-E, comprising 2 questions from the each above mentioned section. Candidates will be required to attempt Four (4) questions, selecting at least one question from each Section.

(4X12=48 Marks)

Course Objectives:

- I: To develop competence in written communication.
- II: To inculcate innovative and critical thinking among the students.
- III: To enable them to grasp the application of communication theories.
- IV: To acquire the knowledge of latest technology related with communication skills.
- V: To provide knowledge of multifarious opportunities in the field of this programme.

The syllabus is divided in five sections as mentioned below:

Section- A

Grammar: Article, Conjunctions and Prepositions

Section-B

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

Section-C

Reading for understanding concepts, details, coherence.

Activities:

Short comprehension questions based on content and development of ideas

Section–D

Writing Skills: Writing styles for application, personal letter, official/ business letter.

Activities:

Formatting personal and business letters.

Section–E

Resume, memo and notices; outline and revision.

Activities:

Converting a biographical note into a sequenced resume or vice-versa

Writing notices for circulation/boards

Recommended Books:

Oxford Guide to Effective Writing and Speaking by John Seely.

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

Course Outcomes:

The completion of this course enables students to:

1. Identify common errors in language and rectify them.
2. Develop and expand writing skills through controlled and guided activities.
3. Develop coherence, cohesion and competence in written discourse through intelligible pronunciation.
4. Develop the ability to handle the interview process confidently and learn the subtle nuances of an effective group discourse.
5. Communicate contextually in specific and professional situations with courtesy.

Practical Marks: 15**Course Contents:-**

1. Assignment on selected topics in about 700-1000 words.
2. Reading dialogues
3. Rapid reading

B. Sc. Hons. (Physics, Chemistry, Maths), B. Sc. Bio Tech/ IT/ Fashion Designing/ Food Sc., B. A. JMC, BCA, B.Sc. in Computational Statistics and Data Analytics, B.Sc. Artificial Intelligence and Data Science, Bachelor of Vocational (B.Voc.) (Software Development, Theatre and Stage Craft, Food Processing, Textile Design & Apparel Technology, Renewable Energy Technology)

Semester-I
Compulsory Course
ਲਾਜ਼ਮੀ ਪੰਜਾਬੀ

Credit & Marks Distribution, Eligibility and Pre-Requisites of the Course

Course title & Code	Total Teaching Hours	Total Credits/ Hours per week	Credit distribution			Total Marks 100		Time Allowed in Exam	Eligibility criteria	Pre-requisite of the course (if any)
			L	T	P	Theory	IA			
ਲਾਜ਼ਮੀ ਪੰਜਾਬੀ BHPB-1101	60	4	4	0	0	75	25	3 Hours	Class 12th pass in any stream	Studied Punjabi up to 10th Standard

ਕੋਰਸ ਦਾ ਉਦੇਸ਼ Course Objective

- ਵਿਦਿਆਰਥੀਆਂ ਵਿਚ ਸਾਹਿਤਕ ਰੁਚੀਆਂ ਪੈਦਾ ਕਰਨਾ।
- ਆਲੋਚਨਾਤਮਕ ਰੁਚੀਆਂ ਵਿਕਸਤ ਕਰਨਾ।
- ਮਾਤ ਭਾਸ਼ਾ ਦੀ ਸਮਝ ਨੂੰ ਵਿਕਸਤ ਕਰਨਾ।

ਪਾਠ-ਕ੍ਰਮ ਨਤੀਜੇ Course Outcomes (COs)

- ਉਸ ਵਿਚ ਸਾਹਿਤ ਰੁਚੀਆਂ ਵਿਕਸਤ ਹੋਣਗੀਆਂ।
- ਉਸ ਵਿਚ ਸਾਹਿਤ ਸਿਰਜਣਾ ਦੀ ਸੰਭਾਵਨਾ ਵਧੇਗੀ।
- ਉਸ ਵਿਚ ਕਿਸੇ ਵੀ ਵਿਸ਼ੇ ਦਾ ਗਹਿਨ ਅਧਿਐਨ ਕਰਨ ਦਾ ਬੋਧ ਹੋਵੇਗਾ।
- ਉਹ ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੇ ਨਿਕਾਸ ਤੇ ਵਿਕਾਸ ਬਾਰੇ ਗਿਆਨ ਹਾਸਲ ਕਰਨਗੇ

ਅੰਕ-ਵੰਡ ਅਤੇ ਪ੍ਰੀਖਿਅਕ ਲਈ ਹਦਾਇਤਾਂ

ਸਿਲੇਬਸ ਦੇ ਚਾਰ ਭਾਗ ਹਨ ਪਰ ਪ੍ਰਸ਼ਨ-ਪੱਤਰ ਦੇ ਪੰਜ ਭਾਗ ਹੋਣਗੇ। ਪਹਿਲੇ ਭਾਗ ਵਿਚ 1.5-1.5 (ਡੇਢ-ਡੇਢ) ਅੰਕ ਦੇ ਅਤਿ-ਸੰਖੇਪ (Objective Type) 10 ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ ਜੋ ਕਿ ਸਾਰੇ ਸਿਲੇਬਸ ਵਿਚੋਂ ਹੋਣਗੇ ਅਤੇ ਸਾਰੇ ਪ੍ਰਸ਼ਨ ਹੱਲ ਕਰਨੇ ਲਾਜ਼ਮੀ ਹੋਣਗੇ। ਸਿਲੇਬਸ ਦੇ ਬਾਕੀ ਚਾਰ ਭਾਗਾਂ ਵਿਚ 02-02 ਲੇਖ ਨੁਮਾ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ। ਹਰੇਕ ਭਾਗ ਵਿਚੋਂ 01-01 ਪ੍ਰਸ਼ਨ ਕਰਨਾ ਲਾਜ਼ਮੀ ਹੋਵੇਗਾ। ਹਰੇਕ ਪ੍ਰਸ਼ਨ ਦੇ ਬਰਾਬਰ 15 ਅੰਕ ਹੋਣਗੇ। ਪੇਪਰ ਸੈਂਟਰ ਜੇਕਰ ਚਾਹੇ ਤਾਂ ਪ੍ਰਸ਼ਨਾਂ ਦੀ ਵੰਡ ਅੱਗੋਂ ਵੱਧ ਤੋਂ ਵੱਧ ਚਾਰ ਉਪ-ਪ੍ਰਸ਼ਨਾਂ ਵਿਚ ਕਰ ਸਕਦਾ ਹੈ।

ਨੋਟ: ਇੰਟਰਨਲ ਅਸੈਸਮੈਂਟ 25 ਅੰਕਾਂ ਦੀ ਹੈ। ਇਸ ਪੇਪਰ ਦੇ ਕੁੱਲ ਅੰਕ 75+25=100 ਹਨ।

ਪਾਠ-ਕ੍ਰਮ

ਭਾਗ-ਪਹਿਲਾ

ਸਾਹਿਤ ਦੇ ਰੰਗ, ਡਾ. ਮਹਿਲ ਸਿੰਘ (ਸੰਪਾ.), ਰਵੀ ਸਾਹਿਤ ਪ੍ਰਕਾਸ਼ਨ, ਅੰਮ੍ਰਿਤਸਰ।
ਭਾਗ ਪਹਿਲਾ - ਕਵਿਤਾ ਅਤੇ ਕਹਾਣੀ, ਡਾ. ਮਹਿਲ ਸਿੰਘ ਅਤੇ ਡਾ. ਆਤਮ ਰੰਧਾਵਾ (ਸਹਿ ਸੰਪਾ.)
(ਕਵਿਤਾ ਭਾਗ ਵਿਚੋਂ ਪ੍ਰਸੰਗ ਸਹਿਤ ਵਿਆਖਿਆ/ਵਿਸ਼ਾ-ਵਸਤੂ। ਕਹਾਣੀ ਭਾਗ ਵਿਚੋਂ ਸਾਰ/ਵਿਸ਼ਾ-ਵਸਤੂ)

ਭਾਗ-ਦੂਜਾ

ਪੰਜਾਬ ਦੇ ਮਹਾਨ ਕਲਾਕਾਰ (ਸੰਪਾ. ਬਲਵੰਤ ਗਾਰਗੀ)
ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ, ਅੰਮ੍ਰਿਤਸਰ।
(ਅੰਮ੍ਰਿਤਾ ਸ਼ੇਰਗਿੱਲ ਤੋਂ ਭਾਈ ਸਮੁੰਦ ਸਿੰਘ ਤਕ)
(ਵਿਸ਼ਾ-ਵਸਤੂ/ਸਾਰ/ਨਾਇਕ ਬਿੰਬ)

ਭਾਗ-ਤੀਜਾ

(ੳ) ਪੈਰਾ ਰਚਨਾ (ਤਿੰਨਾਂ ਵਿਚੋਂ ਇਕ)
(ਅ) ਪੈਰਾ ਪੜ੍ਹ ਕੇ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ

ਭਾਗ-ਚੌਥਾ

(ੳ) ਭਾਸ਼ਾ ਵੰਨਗੀਆਂ: ਭਾਸ਼ਾ ਦਾ ਟਕਸਾਲੀ ਰੂਪ, ਭਾਸ਼ਾ ਅਤੇ ਉਪ-ਭਾਸ਼ਾ ਵਿਚਲਾ ਅੰਤਰ, ਪੰਜਾਬੀ ਉਪ-ਭਾਸ਼ਾਵਾਂ ਦੇ ਪਛਾਣ-ਚਿੰਨ੍ਹ।
(ਅ) ਪੰਜਾਬੀ ਭਾਸ਼ਾ: ਨਿਕਾਸ ਤੇ ਵਿਕਾਸ।

B. Sc. Hons. (Physics, Chemistry, Maths), B. Sc. Bio Tech./ IT/ Fashion Designing/ Food Sc., B. A. JMC, BCA, B.Sc. in Computational Statistics and Data Analytics, B.Sc. Artificial Intelligence and Data Science, Bachelor of Vocational (B.Voc.) (Software Development, Theatre and Stage Craft, Food Processing, Textile Design & Apparel Technology, Renewable Energy Technology)

Semester-I

Compulsory Course

ਮੁਢਲੀ ਪੰਜਾਬੀ

(In Lieu of Compulsory Punjabi)

Credit & Marks Distribution, Eligibility and Pre-Requisites of the Course

Course title & Code	Total Teaching Hours	Total Credits/ Hours per week	Credit distribution			Total Marks 100		Time Allowed in Exam	Eligibility criteria	Pre- requisite of the course (if any)
			L	T	P	Theory	IA			
ਮੁਢਲੀ ਪੰਜਾਬੀ BPBI-1102	60	4	4	0	0	75	25	3 Hours	Class 12th pass in any stream	NOT Studied Punjabi up to 10th Standard

<p>ਕੋਰਸ ਦਾ ਉਦੇਸ਼ Course Objective</p> <ul style="list-style-type: none"> ਵਿਦਿਆਰਥੀ ਨੂੰ ਗੁਰਮੁਖੀ ਲਿਪੀ ਤੋਂ ਜਾਣੂ ਕਰਾਉਣਾ। ਵਿਦਿਆਰਥੀ ਨੂੰ ਸ਼ੁੱਧ ਪੰਜਾਬੀ ਪੜ੍ਹਨਾ-ਲਿਖਣਾ ਸਿਖਾਉਣਾ। ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੀਆਂ ਵਿਆਕਰਨਕ ਬਾਰੀਕੀਆਂ ਤੋਂ ਜਾਣੂ ਕਰਾਉਣਾ। ਸ਼ੁੱਧ ਸੰਚਾਰ ਨੂੰ ਵਿਕਸਤ ਕਰਨਾ। 	<p>ਪਾਠ-ਕ੍ਰਮ ਨਤੀਜੇ Course Outcomes (COs)</p> <ul style="list-style-type: none"> ਵਿਦਿਆਰਥੀ ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਅਤੇ ਗੁਰਮੁਖੀ ਲਿਪੀ ਦੀ ਸਿਖਲਾਈ ਵਿਚ ਮੁਹਾਰਤ ਹਾਸਲ ਕਰਨਗੇ। ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਵਿਚ ਮੁਹਾਰਤੀ, ਲਗਾਂ-ਮਾਤਰਾਂ, ਸਵਰ ਅਤੇ ਵਿਅੰਜਨ ਅੱਖਰਾਂ ਦੀ ਪਛਾਣ ਅਤੇ ਵਰਤੋਂ ਸੰਬੰਧੀ ਸਮਝ ਵਿਕਸਿਤ ਹੋਵੇਗੀ। ਵਿਦਿਆਰਥੀ ਸ਼ੁੱਧ ਪੰਜਾਬੀ ਲਿਖਣ-ਪੜ੍ਹਨ ਦੇ ਸਮਰੱਥ ਹੋਣਗੇ। ਉਹ ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੇ ਸ਼ੁੱਧ ਰੂਪਾਂ ਦੀ ਜਾਣਕਾਰੀ ਹਾਸਲ ਕਰਨਗੇ।
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ਅੰਕ-ਵੰਡ ਅਤੇ ਪ੍ਰੀਖਿਅਕ ਲਈ ਹਦਾਇਤਾਂ

ਸਿਲੇਬਸ ਦੇ ਚਾਰ ਭਾਗ ਹਨ ਪਰ ਪ੍ਰਸ਼ਨ-ਪੱਤਰ ਦੇ ਪੰਜ ਭਾਗ ਹੋਣਗੇ। ਪਹਿਲੇ ਭਾਗ ਵਿਚ 01-01 ਅੰਕ ਦੇ ਅਤਿ-ਸੰਖੇਪ ਉੱਤਰ ਵਾਲੇ (Objective Type) 11 ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ ਜੋ ਕਿ ਸਾਰੇ ਸਿਲੇਬਸ ਵਿਚੋਂ ਹੋਣਗੇ ਅਤੇ ਸਾਰੇ ਪ੍ਰਸ਼ਨ ਹੱਲ ਕਰਨੇ ਲਾਜ਼ਮੀ ਹੋਣਗੇ। ਪ੍ਰਸ਼ਨ ਪੱਤਰ ਦੇ ਦੂਸਰੇ ਭਾਗ ਵਿਚ, ਸਿਲੇਬਸ ਦੇ ਪਹਿਲੇ ਭਾਗ ਵਿਚੋਂ ਤਿੰਨ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ। ਜਿੰਨ੍ਹਾਂ ਵਿਚੋਂ ਕੋਈ ਦੋ ਪ੍ਰਸ਼ਨ ਹੱਲ ਕਰਨੇ ਹੋਣਗੇ। ਹਰੇਕ ਪ੍ਰਸ਼ਨ ਦੇ ਬਰਾਬਰ 8-8 ਅੰਕ ਹੋਣਗੇ। ਇਸੇ ਤਰ੍ਹਾਂ ਪ੍ਰਸ਼ਨ ਪੱਤਰ ਦੇ ਤੀਸਰੇ ਭਾਗ ਵਿਚ ਤਿੰਨ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ ਜਿੰਨ੍ਹਾਂ ਵਿਚੋਂ ਦੋ ਪ੍ਰਸ਼ਨ ਹੱਲ ਕਰਨੇ ਹੋਣਗੇ। ਹਰੇਕ ਪ੍ਰਸ਼ਨ ਦੇ ਬਰਾਬਰ 8-8 ਅੰਕ ਹੋਣਗੇ। ਚੌਥੇ ਵਿਚ ਪੰਜ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ। ਜਿੰਨ੍ਹਾਂ ਵਿਚੋਂ ਚਾਰ ਪ੍ਰਸ਼ਨ ਹੱਲ ਕਰਨੇ ਹੋਣਗੇ। ਹਰੇਕ ਪ੍ਰਸ਼ਨ ਦੇ ਬਰਾਬਰ 4-4 ਅੰਕ ਹੋਣਗੇ। ਭਾਗ ਪੰਜਵੇਂ ਵਿਚ ਦਸ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ। ਜਿੰਨ੍ਹਾਂ ਵਿਚੋਂ 8 ਪ੍ਰਸ਼ਨ ਕਰਨੇ ਲਾਜ਼ਮੀ ਹੋਣਗੇ। ਹਰ ਪ੍ਰਸ਼ਨ ਦੇ 2-2 ਅੰਕ ਹੋਣਗੇ।
ਨੋਟ: ਇੰਟਰਨਲ ਅਸੈਸਮੈਂਟ 25 ਅੰਕਾਂ ਦੀ ਹੈ। ਇਸ ਪੇਪਰ ਦੇ ਕੁੱਲ ਅੰਕ 75+25=100 ਹਨ।

ਪਾਠ-ਕ੍ਰਮ

ਭਾਗ-ਪਹਿਲਾ

- (ੳ) ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਤੇ ਗੁਰਮੁਖੀ ਲਿਪੀ:
ਨਾਮਕਰਣ ਤੇ ਸੰਖੇਪ ਜਾਣ-ਪਛਾਣ: ਗੁਰਮੁਖੀ ਵਰਣਮਾਲਾ, ਅੱਖਰ ਕ੍ਰਮ, ਸਵਰ ਵਾਹਕ (ੳ, ਅ, ਏ), ਲਗਾਂ-ਮਾਤਰਾਂ, ਪੈਰ ਵਿਚ ਬਿੰਦੀ ਵਾਲੇ ਵਰਨ, ਪੈਰ ਵਿਚ ਪੈਣ ਵਾਲੇ ਵਰਨ, ਬਿੰਦੀ, ਟਿੱਪੀ, ਅੱਧਕ
- (ਅ) ਸਿਖਲਾਈ ਤੇ ਅਭਿਆਸ

ਭਾਗ-ਦੂਜਾ

ਗੁਰਮੁਖੀ ਆਰਥੋਗਰਾਫੀ ਅਤੇ ਉਚਾਰਨ:
ਸਵਰ, ਵਿਅੰਜਨ: ਮੁਢਲੀ ਜਾਣ-ਪਛਾਣ ਅਤੇ ਉਚਾਰਨ, ਮੁਹਾਰਤੀ, ਲਗਾਂ-ਮਾਤਰਾਂ ਦੀ ਪਛਾਣ

ਭਾਗ-ਤੀਜਾ

ਪੰਜਾਬੀ ਸ਼ਬਦ-ਜੋੜ: ਮੁਕਤਾ (ਦੋ ਅੱਖਰਾਂ ਵਾਲੇ ਸ਼ਬਦ, ਤਿੰਨ ਅੱਖਰਾਂ ਵਾਲੇ ਸ਼ਬਦ), ਸਿਹਾਰੀ ਵਾਲੇ ਸ਼ਬਦ, ਬਿਹਾਰੀ ਵਾਲੇ ਸ਼ਬਦ, ਅੱਕੜ ਵਾਲੇ ਸ਼ਬਦ, ਦੁਲੈਂਕੜ ਵਾਲੇ ਸ਼ਬਦ, ਲਾ ਵਾਲੇ ਸ਼ਬਦ, ਦੁਲਾਵਾਂ ਵਾਲੇ ਸ਼ਬਦ, ਹੋੜੇ ਵਾਲੇ ਸ਼ਬਦ, ਕਨੌੜੇ ਵਾਲੇ ਸ਼ਬਦ, ਲਗਾਖਰ (ਬਿੰਦੀ, ਟਿੱਪੀ, ਅੱਧਕ) ਵਾਲੇ ਸ਼ਬਦ

ਭਾਗ-ਚੌਥਾ

ਸ਼ੁੱਧ-ਅਸ਼ੁੱਧ ਸ਼ਬਦ

B.Sc. (Hons. –Botany, Chemistry, Mathematics, Physics, Zoology),i B. of Mult.; B. in Int. & Mob. Tech.; BBA; BCA; BJMC; B. Voc. (Software Development, Theatre and Stage Craft, FoodProcessing, Textile Design & Apparel Technology)

SEMESTER–I

**PUNJAB HISTORY & CULTURE (From Earliest Times to C 320 BC)
(Special Paper in lieu of Punjabi compulsory)**

(For those students who are not domicile of Punjab)

Course Code: BPHC-1104

Credit: 04

L- T- P

04-0-0

Time: 3 Hours

Total Marks: 100

Theory: 75

Internal Assessment: 25

Instructions for the Paper Setters:

Question paper should consist of two sections—Section A and Section B. The paper setter must ensure that questions in Section–A do not cover more than one point, and questions in Section–B should cover at least 50 per cent of the theme.

Section–A: The examiner will set 15 objective type questions out of which the candidate shall attempt any 10 questions, each carrying 1½ marks. The total weightage of this section will be 15 marks. Answer to each question should be in approximately one to two sentences.

Section–B: The examiner will set 8 questions, two from each Unit. The candidate will attempt 4 questions selecting one from each Unit in about 1000 words. Each question will carry 15 marks. The total weightage of this section will be 60 marks.

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

Course Objectives: The main objective of this course is to educate the history and culture of the Ancient Punjab to the students who are not domicile of the Punjab. It aims to familiarize these students with the physical features of ancient Punjab and its impact on its history and culture. It also provides them information about the different sources to construct the history and culture of the ancient Punjab. The course intends to provide knowledge of social, economic, religious life of the Harappan civilization, Indo-Aryans, teachings and impact of Jainism and Buddhism in the Punjab.

Unit-I

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

Unit-II

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

Unit-III

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

Unit-IV

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

Suggested Readings:-

L. Joshi (ed), *History and Culture of the Punjab*, Art-I, Patiala, 1989 (3rd edition)

L.M. Joshi and Fauja Singh (ed), *History of Punjab*, Vol. I, Patiala 1977.

Budha Parkash, *Glimpses of Ancient Punjab*, Patiala, 1983.

B.N. Sharma, *Life in Northern India*, Delhi. 1966.

Course Outcomes:

On Completing the Course, the Students will be able to:

CO-1 Learn the history and culture of the Ancient Punjab.

CO-2 Study the physical features of ancient Punjab.

CO-3 Understand about the sources of the history of the Punjab.

CO-4 Analyse the social, economic, religious life of the Harappan civilization and Vedic-Aryans.

CO-5 Learn the teachings and impact of Jainism and Buddhism in the Punjab.

SEMESTER-I

Course Code: ZDA111

Course Title- Drug Abuse: Problem, Management and Prevention
PROBLEM OF DRUG ABUSE
(Compulsory for all Under Graduate Classes)

Time: 3 Hours

Credit hrs./wk.:2
Max. Marks: 50

Instructions for the Paper Setters:

- 1) There will be a total of 9 questions of which 5 are to be attempted.
- 2) Question 1 is compulsory and having 10 short answer type questions (1 mark each).
- 3) The remaining 8 questions (10 marks each) shall include 2 questions from each unit.
Candidates shall be required to attempt 4 questions, one from each unit. Preferably, the question should not be split into more than two sub-parts.

Course Objectives- The course aims to:

CO-1.	Generate the awareness against drug abuse.
CO-2.	Describe a variety of models and theories of addiction and other problems related to substance abuse.
CO-3.	Describe the behavioral, psychological, physical health and social impact of psychoactive substances.
CO-4.	Provide culturally relevant formal and informal education programs that raise awareness and support for substance abuse prevention and the recovery process.
CO-5.	Describe factors that increase likelihood for an individual, community or group to be at risk of substance use disorders.

UNIT-I

- **Meaning of Drug Abuse**
Meaning of drug abuse
Nature and Extent of Drug Abuse: State and National Scenario

UNIT-II

- **Consequences of Drug Abuse for**
Individual: Education, Employment, Income.
Family : Violence.
Society : Crime.
Nation : Law and Order problem.

UNIT-III

- **Management of Drug Abuse**
Medical Management: Medication for treatment of different types of drug abuses.
Medication to reduce withdrawal effects.

UNIT-IV

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

References:

1. Ahuja, Ram (2003), Social Problems in India, Rawat Publication, Jaipur.

2. Extent, Pattern and Trend of Drug Use in India, Ministry of Social Justice and Empowerment, Government of India, 2004.
3. Inciardi, J.A. 1981. The Drug Crime Connection. Beverly Hills: Sage Publications. 23
4. Jasjit Kaur Randhawa & Samreet Randhawa, “Drug Abuse-Problem, Management & Prevention”, KLS, ISBN No. 978-81-936570-6-5, (2018).
5. Jasjit Kaur Randhawa & Samreet Randhawa, “Drug Abuse Problem, Management & Prevention”, KLS, ISBN No. 978-81-936570-8-9, (2019).
6. Jasjit Kaur Randhawa & Samreet Randhawa, “Drug Abuse-Problem, Management & Prevention”, KLS, ISBN No. 978-81-936570-7-1, (2018).
7. Jasjit Kaur Randhawa, “Drug Abuse -Management & Prevention”, KLS, ISBN No. 978-93-81278-80-2, (2018).
8. Kapoor. T. (1985) Drug epidemic among Indian Youth, New Delhi: Mittal Pub.
9. Modi, Ishwar and Modi, Shalini (1997) Drugs: Addiction and Prevention, Jaipur: Rawat Publication.
10. National Household Survey of Alcohol and Drug abuse. (2003) New Delhi, Clinical Epidemiological Unit, All India Institute of Medical Sciences, 2004.
11. Rama Gandotra & Jasjit Kaur Randhawa, “Drug Abuse-Problem, Management & Prevention”, KLS, ISBN No. 978-93-81278-87-1, (2018).
12. Sain, Bhim 1991, Drug Addiction Alcoholism, Smoking obscenity New Delhi: Mittal Publications.
13. Sandhu, Ranvinder Singh, 2009, Drug Addiction in Punjab: A Sociological Study. Amritsar. Guru Nanak Dev University.
14. Singh, C. P. 2000. Alcohol and Dependence among Industrial Workers: Delhi: Shipra.
15. Sussman, S and Ames, S.L. (2008). Drug Abuse: Concepts, Prevention and Cessation, Cambridge University Press.
16. World Drug Report 2010, United Nations office of Drug and Crime.
17. World Drug Report 2011, United Nations office of Drug and Crime.

Course Outcomes:

The students will be able:

CO-1.	To describe issues of cultural identity, ethnic background, age and gender in prevention, treatment and recovery.
CO-2.	To describe warning sign, symptoms, and the course of substance use disorders.
CO-3.	To describe principles and philosophy of prevention, treatment and recovery.
CO-4.	To describe current and evidenced-based approaches practiced in the field of drug addiction.

**PROGRAMME: Bachelor of Vocation in (B.Voc.)
(Textile Design & Apparel Technology) (Semester-II)
COURSE CODE:-BVTD121
COURSE TITLE: Introduction to Fashion (Theory)**

Time: 03 hrs

Credit hours (per week) =L (3) +T (1) +P (0)

Maximum marks=100

Theory =75

Internal assessment =25

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

INSTRUCTION FOR PAPER SETTERS:-

There will be five sections.

Section A Carries 15 marks and is compulsory consisting of ten short answer type questions of 2.5 marks each covering the whole syllabus. The candidate will have to attempt six questions in section A.

Sections B, C, D and E will be set from unit I, II, III, &IV respectively and will consist of two questions of 15 marks each from the respective unit. The candidates are required to attempt one question from each of these sections.

COURSE OBJECTIVES:

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

COURSE CONTENTS:

UNIT-I

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

UNIT-II

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

UNIT-III

- World major fashion centers

UNIT-IV

- Fashion forecasting
- Theories of fashion adoption.

BOOKS PRESCRIBED:

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

COURSE OUTCOMES:

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

**PROGRAMME: Bachelor of Vocation in (B.Voc.)
(Textile Design & Apparel Technology) (Semester-II)
COURSE CODE: BVTD122
COUSE TITLE: Garment Sewing (Practical)**

Time: 03 hrs
Credit hours (per week) =L (0) +T (0) +P (4)

Maximum marks=100
Practical =75
Internal assessment =25

INSTRUCTIONS OF PAPER SETTERS: Paper will be set on the spot by the examiner.

COURSE OBJECTIVES:

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

COURSE CONTENTS:

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

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

BOOKS PRESCRIBED:

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

COURSE OUTCOMES:

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

**PROGRAMME: Bachelor of Vocation in (B.Voc.)
(Textile Design & Apparel Technology) Semester-II
COURSE CODE-BVTD123**

COURSE TITLE: Design Foundation & Basics of Textiles-II (Practical)

Time: 03 hrs

Credit hours (per week) =L (0) +T (0) +P (4)

Maximum marks=100

Practical =75

Internal assessment =25

INSTRUCTION FOR PAPER SETTERS: Paper will be set on the spot by the examiner.

COURSE CONTENTS:

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

BOOKS PRESCRIBED:

- Design of Foundation Systems: Principles and Practices Paperback – 1 January 2006 by Nainan P. Kurian (Author)
- Foundation Analysis and Design by Joseph E. Bowles | 1 January 1977
- Foundation Analysis and Design by Joseph Bowles | 16 March 2001

COURSE OUTCOMES:

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

**PROGRAMME: Bachelor of Vocation in (B.Voc.)
(Textile Design & Apparel Technology) (Semester-II)**

COURSE CODE: BVTD124

COURSE TITLE: Enterprise Planning (Theory)

Time: 03 hrs

Credit hours (per week) =L (4) +T (0) +P (0)

Maximum marks=100

Theory =75

Internal assessment =25

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

INSTRUCTIONS OF PAPER SETTERS:-

1. There will be five sections.
2. There will be five sections.
3. Section A Carries 15 marks and is compulsory consisting of ten short answer type questions of 2.5 marks each covering the whole syllabus. The candidate will have to attempt six questions in section A.
4. Sections B, C, D and E will be set from unit I, II, III, &IV respectively and will consist of two questions of 15 marks each from the respective unit. The candidates are required to attempt one question from each of these sections.

COURSE OBJECTIVES:

To help the students to understand planning of small scale business.

COURSE CONTENTS:

UNIT-I

- Business planning
- Characteristics of good planning

UNIT-II

- Steps in the Planning Process
- Resource Planning

UNIT-III

- Financial Strategy
- Knowing the Market

UNIT-IV

- Marketing Techniques for Business Promotion

BOOKS PRESCRIBED:

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

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

COURSE OUTCOMES:

CO1-Learners will pick up about Foundation of Entrepreneurship Development and its theories.

CO2-Learners will explore entrepreneurial skills and management function of a company with special reference to SME sector.

CO3-Learners will identify the type of entrepreneur and the steps involved in an entrepreneurial venture.

CO4-Learners will understand various steps involved in starting a venture and to explore marketing methods & new trends in entrepreneurship

Bachelor of Vocational (B.Voc)
(Textile Design & Apparel technology) Semester-II
CS-BVTD121: Computer Application II
(Practical)

Time: 3 Hours

Credit Hours/week: 4

Total Marks: 100

Practical Marks: 75

Internal Assessment: 25

Note:

Medium of Examination is English Language.

Course Objectives:

1. Corel Draw and Photoshop are graphics-based applications widely used for logo designing, brochures, pamphlets, product box packs, designing a visiting card, and for various advertisements and editing jpeg and other image formats related to graphic designing.
2. The course is in high demand for those who wish to make their career as Graphics designers.
3. After the completion of this course the student can make a career as a graphics designer or can opt for self-employment.

Course Contents:

Corel Draw: Introduction to Tools, User Interface, Ruler setting, Drawing and Shaping Objects, Lines, shapes, outlines and brushstrokes, color palettes, effect curves, Working with layers, Opening, saving and closing file, Borders and Page arrangements, Masking Effects, import, export and print document.

Photoshop: Introduction to Photoshop and its tools, Opening and Loading Images into Photoshop, Image Manipulation, Bitmap Images, Vector Images, Image size and Resolution settings, Working with layers & layer styles, Color corrections, Channels and Masking, Creating different Prints, Textures and compositions.

References:

1. Adobe Photoshop 12.0.
2. Adobe Indesign CS2 Bible by Galen Gruman, Wiley India, January 2005.
3. Software Manuals

Course Outcomes:

CO-1.	This course will outfit members with the essential information on CorelDraw Graphics Suite.
CO-2.	Toward the finish of the course, understudies will be comfortable with the CorelDraw work area, tools, boards, and fundamental methods and understand the strategies of making and controlling vector (plan) articles, shapes and variety fill.
CO-3.	They can likewise work with imaginative text for the making of logos, marks and any other one-page print plan material.
CO-4.	With the assistance of the apparatuses, you can add an extraordinary level of layered impact and wealth to your drawings.
CO-5.	Work on Corel Draw, Vector Graphics, Color Palette and Pasteboard.

Session-2023-26
Bachelor of Vocation (B.Voc.)
(Software Development, Theatre and Stage Craft, Food Processing, Textile Design & Apparel Technology)
Semester – II
COMMUNICATION SKILLS IN ENGLISH–II
BCSV-1229

L	T	P	Credits
3	0	1	4

Time: 3 Hours

Max. Marks: 100
Theory: 60
Practical: 15
Internal Assessment: 25

Instructions for the Paper Setters:-

Section A is compulsory. It will consist of Fifteen (15) questions of one mark each. The students will be required to attempt any Twelve (12). (12X1= 12 Marks)

Eight (8) questions of equal marks will be set from Section B-E, comprising 2 questions from the each above mentioned section. Candidates will be required to attempt Four (4) questions, selecting at least one question from each Section.

(4X12=48

Marks)

Course Objectives:

- I: To develop competence in oral and visual communication.
- II: To inculcate innovative and critical thinking among the students.
- III: To enable them to grasp the application of communication theories.
- IV: To acquire the knowledge of latest technology related with communication skills.
- V: To provide knowledge of multifarious opportunities in the field of this programme.

The syllabus is divided in five sections as mentioned below:

Course Contents:

SECTION-A

Grammar: Tenses and Change of Voice

SECTION-B

Listening Skills: Barriers to listening; effective listening skills.

Activities: Listening exercises- News and TV reports

SECTION-C

Attending telephone calls; note making.

Activities: Taking notes on a speech/lecture

SECTION–D

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–E

Situation based Conversation in English, Essentials of Spoken English

Activities: Giving Interviews

Recommended Books:

Oxford Guide to Effective Writing and Speaking by John Seely.

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

Course Outcomes:

The completion of this course enables students to:

1. Identify common errors in language and rectify them.
2. Develop and expand writing skills through controlled and guided activities.
3. Develop coherence, cohesion and competence in oral discourse through intelligible pronunciation.
4. Develop the ability to handle the interview process confidently and learn the subtle nuances of an effective group discourse.
5. Communicate contextually in specific and professional situations with courtesy.

Practical Marks: 15

Course Contents:-

1. Oral Presentation
2. Group Discussion
3. Mock Interview

B. Sc. Hons. (Physics, Chemistry, Maths), B. Sc. Bio Tech./ IT/ Fashion Designing/ Food Sc., B. A. JMC, BCA, B.Sc. in Computational Statistics and Data Analytics, B.Sc. Artificial Intelligence and Data Science, Bachelor of Vocational (B.Voc.) (Software Development, Theatre and Stage Craft, Food Processing, Textile Design & Apparel Technology, Renewable Energy Technology)

Semester-II
Compulsory Course
ਲਾਜ਼ਮੀ ਪੰਜਾਬੀ

Credit & Marks Distribution, Eligibility and Pre-Requisites of the Course

Course title & Code	Total Teaching Hours	Total Credits/ Hours per week	Credit distribution			Total Marks 100		Time Allowed in Exam
			L	T	P	Theory	IA	
ਲਾਜ਼ਮੀ ਪੰਜਾਬੀ BHPB-1201	60	4	4	0	0	75	25	3 Hours

<p>ਕੋਰਸ ਦਾ ਉਦੇਸ਼ Course Objective</p> <ul style="list-style-type: none"> ▪ ਵਿਦਿਆਰਥੀਆਂ ਵਿਚ ਸਾਹਿਤਕ ਰੁਚੀਆਂ ਪੈਦਾ ਕਰਨਾ। ▪ ਆਲੋਚਨਾਤਮਕ ਰੁਚੀਆਂ ਨੂੰ ਵਿਕਸਤ ਕਰਨਾ। ▪ ਵਿਦਿਆਰਥੀ ਨੂੰ ਦਫ਼ਤਰੀ ਅਤੇ ਘਰੇਲੂ ਚਿੱਠੀ ਪੱਤਰ ਤੋਂ ਜਾਣੂ ਕਰਵਾਉਣਾ। ▪ ਭਾਸ਼ਾਈ ਗਿਆਨ ਵਿਚ ਵਾਧਾ ਕਰਨਾ। 	<p>ਪਾਠ-ਕ੍ਰਮ ਨਤੀਜੇ Course Outcomes (COs)</p> <ul style="list-style-type: none"> ▪ ਉਸ ਅੰਦਰ ਸਾਹਿਤਕ ਰੁਚੀਆਂ ਪ੍ਰਫੁੱਲਿਤ ਹੋਣਗੀਆਂ। ▪ ਉਸ ਅੰਦਰ ਸਾਹਿਤ ਸਿਰਜਣਾ ਦੀ ਸੰਭਾਵਨਾ ਵਧੇਗੀ। ▪ ਵਿਦਿਆਰਥੀ ਚਿੱਠੀ-ਪੱਤਰ ਦੀ ਲਿਖਣ ਸ਼ੈਲੀ ਤੋਂ ਜਾਣੂ ਹੋਵੇਗਾ। ▪ ਉਹ ਭਾਸ਼ਾਈ ਬਣਤਰ ਤੋਂ ਜਾਣੂ ਹੋਵੇਗਾ।
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ਅੰਕ-ਵੰਡ ਅਤੇ ਪ੍ਰੀਖਿਅਕ ਲਈ ਹਦਾਇਤਾਂ

ਸਿਲੇਬਸ ਦੇ ਚਾਰ ਭਾਗ ਹਨ ਪਰ ਪ੍ਰਸ਼ਨ-ਪੱਤਰ ਦੇ ਪੰਜ ਭਾਗ ਹੋਣਗੇ। ਪਹਿਲੇ ਭਾਗ ਵਿਚ 1.5-1.5 (ਡੇਢ-ਡੇਢ) ਅੰਕ ਦੇ ਅਤਿ-ਸੰਖੇਪ (Objective Type) 10 ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ ਜੋ ਕਿ ਸਾਰੇ ਸਿਲੇਬਸ ਵਿਚੋਂ ਹੋਣਗੇ ਅਤੇ ਸਾਰੇ ਪ੍ਰਸ਼ਨ ਹੱਲ ਕਰਨੇ ਲਾਜ਼ਮੀ ਹੋਣਗੇ। ਸਿਲੇਬਸ ਦੇ ਬਾਕੀ ਚਾਰ ਭਾਗਾਂ ਵਿਚ 02-02 ਲੇਖ ਨੁਮਾ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ। ਹਰੇਕ ਭਾਗ ਵਿਚੋਂ 01-01 ਪ੍ਰਸ਼ਨ ਕਰਨਾ ਲਾਜ਼ਮੀ ਹੋਵੇਗਾ। ਹਰੇਕ ਪ੍ਰਸ਼ਨ ਦੇ ਬਰਾਬਰ 15 ਅੰਕ ਹੋਣਗੇ। ਪੇਪਰ ਸੈਟਰ ਜੇਕਰ ਚਾਹੇ ਤਾਂ ਪ੍ਰਸ਼ਨਾਂ ਦੀ ਵੰਡ ਅੱਗੋਂ ਵੱਧ ਤੋਂ ਵੱਧ ਚਾਰ ਉਪ-ਪ੍ਰਸ਼ਨਾਂ ਵਿਚ ਕਰ ਸਕਦਾ ਹੈ।

ਨੋਟ: ਇੰਟਰਨਲ ਅਸੈਸਮੈਂਟ 25 ਅੰਕਾਂ ਦੀ ਹੈ। ਇਸ ਪੇਪਰ ਦੇ ਕੁੱਲ ਅੰਕ 75+25=100 ਹਨ।

ਪਾਠ-ਕ੍ਰਮ

ਭਾਗ-ਪਹਿਲਾ

ਸਾਹਿਤ ਦੇ ਰੰਗ, ਡਾ. ਮਹਿਲ ਸਿੰਘ (ਸੰਪਾ.), ਰਵੀ ਸਾਹਿਤ ਪ੍ਰਕਾਸ਼ਨ, ਅੰਮ੍ਰਿਤਸਰ।
ਭਾਗ ਦੂਜਾ - ਵਾਰਤਕ ਅਤੇ ਰੇਖਾ-ਚਿੱਤਰ, ਡਾ. ਪਰਮਿੰਦਰ ਸਿੰਘ, ਡਾ. ਭੁਪਿੰਦਰ ਸਿੰਘ ਅਤੇ ਡਾ.ਕੁਲਦੀਪ ਸਿੰਘ ਦਿੱਲਾਂ (ਸਹਿ ਸੰਪਾ.)
(ਵਾਰਤਕ ਭਾਗ ਵਿਚੋਂ ਸਾਰ/ਵਿਸ਼ਾ-ਵਸਤੂ। ਰੇਖਾ-ਚਿੱਤਰ ਭਾਗ ਵਿਚੋਂ ਸਾਰ/ਨਾਇਕ ਬਿੰਬ)

ਭਾਗ-ਦੂਜਾ

ਪੰਜਾਬ ਦੇ ਮਹਾਨ ਕਲਾਕਾਰ (ਸੰਪਾ. ਬਲਵੰਤ ਗਾਰਗੀ)
ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ, ਅੰਮ੍ਰਿਤਸਰ।
(ਸਤੀਸ਼ ਗੁਜਰਾਲ ਤੋਂ ਸੁਰਿੰਦਰ ਕੌਰ ਤਕ)
(ਵਿਸ਼ਾ-ਵਸਤੂ/ਸਾਰ/ਨਾਇਕ ਬਿੰਬ)

ਭਾਗ-ਤੀਜਾ

(ੳ) ਦਫ਼ਤਰੀ ਚਿੱਠੀ ਪੱਤਰ
(ਅ) ਮੁਹਾਵਰੇ ਅਤੇ ਅਖਾਣ

ਭਾਗ-ਚੌਥਾ

(ੳ) ਸ਼ਬਦ-ਬਣਤਰ ਅਤੇ ਸ਼ਬਦ-ਰਚਨਾ - ਪਰਿਭਾਸ਼ਾ ਅਤੇ ਮੁਢਲੇ ਸੰਕਲਪ
(ਅ) ਸ਼ਬਦ-ਸ਼੍ਰੇਣੀਆਂ

B. Sc. Hons. (Physics, Chemistry, Maths), B. Sc. Bio Tech/ IT/ Fashion Designing/ Food Sc., B. A. JMC, BCA, B.Sc. in Computational Statistics and Data Analytics, B.Sc. Artificial Intelligence and Data Science, Bachelor of Vocational (B.Voc.) (Software Development, Theatre and Stage Craft, Food Processing, Textile Design & Apparel Technology, Renewable Energy Technology)

Semester-II

Compulsory Course

ਮੁਢਲੀ ਪੰਜਾਬੀ

(In Lieu of Compulsory Punjabi)

Credit & Marks Distribution, Eligibility and Pre-Requisites of the Course

Course title & Code	Total Teaching Hours	Total Credits/ Hours per week	Credit distribution			Total Marks 100		Time Allowed in Exam
			L	T	P	Theory	IA	
ਮੁਢਲੀ ਪੰਜਾਬੀ BPBI-1202	60	4	4	0	0	75	25	3 Hours

ਕੋਰਸ ਦਾ ਉਦੇਸ਼ Course Objective	ਪਾਠ-ਕ੍ਰਮ ਨਤੀਜੇ Course Outcomes (COs)
<ul style="list-style-type: none"> ਵਿਦਿਆਰਥੀ ਅੰਦਰ ਸ਼ਬਦ ਬਣਤਰ ਦੀ ਸਮਝ ਵਿਕਸਤ ਕਰਨਾ। ਵਿਦਿਆਰਥੀ ਨੂੰ ਸ਼ਬਦ ਪ੍ਰਕਾਰ ਬਾਰੇ ਜਾਣਕਾਰੀ ਪ੍ਰਦਾਨ ਕਰਨਾ। ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੇ ਵਿਆਕਰਨਕ ਪ੍ਰਬੰਧ ਸੰਬੰਧੀ ਗਿਆਨ ਕਰਾਉਣਾ। ਸਿਖਲਾਈ ਤੇ ਅਭਿਆਸ ਦੁਆਰਾ ਪੰਜਾਬੀ ਸ਼ਬਦ ਭੰਡਾਰ ਵਧਾਉਣਾ। 	<ul style="list-style-type: none"> ਉਹ ਪੰਜਾਬੀ ਸ਼ਬਦ-ਬਣਤਰ ਦੀ ਜਾਣਕਾਰੀ ਹਾਸਲ ਕਰਕੇ ਭਾਸ਼ਾਈ ਗਿਆਨ ਨੂੰ ਵਿਕਸਿਤ ਕਰਨਗੇ। ਪੰਜਾਬੀ ਸ਼ਬਦ-ਰਚਨਾ ਸੰਬੰਧੀ ਮੁਹਾਰਤ ਹਾਸਲ ਕਰਨਗੇ। ਵਿਦਿਆਰਥੀ ਸ਼ਬਦਾਂ ਦੀਆਂ ਭਿੰਨ-ਭਿੰਨ ਕਿਸਮਾਂ ਤੋਂ ਜਾਣੂ ਹੋਵੇਗਾ। ਵਿਦਿਆਰਥੀਆਂ 'ਚ ਨਿੱਤ ਵਰਤੋਂ ਦੀ ਪੰਜਾਬੀ ਸ਼ਬਦਾਵਲੀ ਭੰਡਾਰ 'ਚ ਵਾਧਾ ਹੋਵੇਗਾ।

ਅੰਕ-ਵੰਡ ਅਤੇ ਪ੍ਰੀਖਿਅਕ ਲਈ ਹਦਾਇਤਾਂ

ਸਿਲੇਬਸ ਦੇ ਚਾਰ ਭਾਗ ਹਨ ਪਰ ਪ੍ਰਸ਼ਨ-ਪੱਤਰ ਦੇ ਪੰਜ ਭਾਗ ਹੋਣਗੇ। ਪਹਿਲੇ ਭਾਗ ਵਿਚ 01-01 ਅੰਕ ਦੇ ਅਤਿ-ਸੰਖੇਪ ਉੱਤਰ ਵਾਲੇ (Objective Type) 11 ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ ਜੋ ਕਿ ਸਾਰੇ ਸਿਲੇਬਸ ਵਿਚੋਂ ਹੋਣਗੇ ਅਤੇ ਸਾਰੇ ਪ੍ਰਸ਼ਨ ਹੱਲ ਕਰਨੇ ਲਾਜ਼ਮੀ ਹੋਣਗੇ। ਪ੍ਰਸ਼ਨ ਪੱਤਰ ਦੇ ਦੂਸਰੇ ਭਾਗ ਵਿਚ, ਸਿਲੇਬਸ ਦੇ ਪਹਿਲੇ ਭਾਗ ਵਿਚੋਂ ਤਿੰਨ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ। ਜਿੰਨ੍ਹਾਂ ਵਿਚੋਂ ਕੋਈ ਦੋ ਪ੍ਰਸ਼ਨ ਹੱਲ ਕਰਨੇ ਹੋਣਗੇ। ਹਰੇਕ ਪ੍ਰਸ਼ਨ ਦੇ ਬਰਾਬਰ 8-8 ਅੰਕ ਹੋਣਗੇ। ਇਸੇ ਤਰ੍ਹਾਂ ਪ੍ਰਸ਼ਨ ਪੱਤਰ ਦੇ ਤੀਸਰੇ ਭਾਗ ਵਿਚ ਤਿੰਨ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ ਜਿੰਨ੍ਹਾਂ ਵਿਚੋਂ ਦੋ ਪ੍ਰਸ਼ਨ ਹੱਲ ਕਰਨੇ ਹੋਣਗੇ। ਹਰੇਕ ਪ੍ਰਸ਼ਨ ਦੇ ਬਰਾਬਰ 8-8 ਅੰਕ ਹੋਣਗੇ। ਚੌਥੇ ਵਿਚ ਪੰਜ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ। ਜਿੰਨ੍ਹਾਂ ਵਿਚੋਂ ਚਾਰ ਪ੍ਰਸ਼ਨ ਹੱਲ ਕਰਨੇ ਹੋਣਗੇ। ਹਰੇਕ ਪ੍ਰਸ਼ਨ ਦੇ ਬਰਾਬਰ 4-4 ਅੰਕ ਹੋਣਗੇ। ਭਾਗ ਪੰਜਵੇਂ ਵਿਚ ਤਿੰਨ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ। ਜਿੰਨ੍ਹਾਂ ਵਿਚੋਂ ਦੋ ਪ੍ਰਸ਼ਨ ਕਰਨੇ ਲਾਜ਼ਮੀ ਹੋਣਗੇ। ਹਰੇਕ ਪ੍ਰਸ਼ਨ ਦੇ ਬਰਾਬਰ 8-8 ਅੰਕ ਹੋਣਗੇ।
ਨੋਟ: ਇੰਟਰਨਲ ਅਸੈਸਮੈਂਟ 25 ਅੰਕਾਂ ਦੀ ਹੈ। ਇਸ ਪੇਪਰ ਦੇ ਕੁੱਲ ਅੰਕ 75+25=100 ਹਨ।

**ਪਾਠ-ਕ੍ਰਮ
ਭਾਗ-ਪਹਿਲਾ**

ਪੰਜਾਬੀ ਸ਼ਬਦ-ਬਣਤਰ:
 ਧਾਤੂ, ਵਧੇਤਰ (ਅਗੇਤਰ, ਮਧੇਤਰ, ਪਿਛੇਤਰ), ਪੰਜਾਬੀ ਕੋਸ਼ਗਤ ਸ਼ਬਦ ਅਤੇ ਵਿਆਕਰਨਕ ਸ਼ਬਦ
ਭਾਗ-ਦੂਜਾ

ਪੰਜਾਬੀ ਸ਼ਬਦ-ਪ੍ਰਕਾਰ:
 (ੳ) ਸੰਯੁਕਤ ਸ਼ਬਦ, ਸਮਾਸੀ ਸ਼ਬਦ, ਦੇਜਾਤੀ ਸ਼ਬਦ, ਦੇਹਰੇ/ਦੁਹਰਕਤੀ ਸ਼ਬਦ ਅਤੇ ਮਿਸ਼ਰਤ ਸ਼ਬਦ
 (ਅ) ਸਿਖਲਾਈ ਤੇ ਅਭਿਆਸ
ਭਾਗ-ਤੀਜਾ

ਪੰਜਾਬੀ ਸ਼ਬਦ-ਰਚਨਾ:
 ਇਕ-ਵਚਨ/ਬਹੁ-ਵਚਨ, ਲਿੰਗ-ਪੁਲਿੰਗ, ਬਹੁਅਰਥਕ ਸ਼ਬਦ, ਸਮਾਨਅਰਥਕ ਸ਼ਬਦ, ਬਹੁਤੇ ਸ਼ਬਦਾਂ ਲਈ ਇਕ ਸ਼ਬਦ, ਸ਼ਬਦ ਜੁੱਟ, ਵਿਰੋਧਅਰਥਕ ਸ਼ਬਦ, ਸਮਨਾਮੀ ਸ਼ਬਦ
ਭਾਗ-ਚੌਥਾ

ਨਿੱਤ ਵਰਤੋਂ ਦੀ ਪੰਜਾਬੀ ਸ਼ਬਦਾਵਲੀ
 ਖਾਣ-ਪੀਣ, ਸਾਕਾਦਾਰੀ, ਰੁੱਤਾਂ, ਮਹੀਨਿਆਂ, ਗਿਣਤੀ, ਮੌਸਮ, ਬਜ਼ਾਰ, ਵਪਾਰ, ਪੰਦਿਆਂ ਨਾਲ ਸੰਬੰਧਿਤ

B. A.; B.A. (SS); B. A. (Hons. – English); B. Com. (Hons., R, Ac. & Finance); B. Sc. Bio-Tech./Comp. Sc./Eco./FD/Food Sc./IT/Med./N.Med.; B.Sc. (Hons. –Botany, Chemistry, Mathematics, Physics, Zoology); B. of Mult.; B. in Int. & Mob. Tech.; BBA; BCA; BJMC; B. Voc. (Software Development, Theatre and Stage Craft, Food Processing, Textile Design & Apparel Technology)

SEMESTER–II

PUNJAB HISTORY & CULTURE (C 321 BC TO 1000 A.D.)

(Special Paper in lieu of Punjabi compulsory)

(For those students who are not domicile of Punjab)

Course Code: BPHC-1204

Credit: 04

L- T- P

04-0-0

Time: 3 Hours

Total Marks: 100

Theory: 75

Internal Assessment: 25

Instructions for the Paper Setters:

Question paper should consist of two sections—Section A and Section B. The paper setter must ensure that questions in Section–A do not cover more than one point, and questions in Section–B should cover at least 50 per cent of the theme.

Section–A: The examiner will set 15 objective type questions out of which the candidate shall attempt any 10 questions, each carrying 1½ marks. The total weightage of this section will be 15 marks. Answer to each question should be in approximately one to two sentences.

Section–B: The examiner will set 8 questions, two from each Unit. The candidate will attempt 4 questions selecting one from each Unit in about 1000 words. Each question will carry 15 marks. The total weightage of this section will be 60 marks.

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

Course Objectives: The main objective of this course is to educate the students who

are not domicile of the Punjab about the history and culture of the Ancient Punjab. It is to provide them knowledge about the social, economic, religious, cultural and political life of the people of the Punjab during the rule of various dynasties such as The Mauryans, The Khushans, The Guptas, The Vardhanas and other ancient ruling dynasties of the period under study.

Unit-I

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

Unit-II

3. The Punjab under the Gupta Emperors.
4. The Punjab under the Vardhana Emperors

Unit-III

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

Unit-IV

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

Suggested Readings:-

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

Course Outcomes:

On completing the course, the students will be able to:

CO-1 Understand the history and culture of the Punjab in Ancient Period.

- CO-2** Analyze social, economic, religious, cultural and political life of Ancient Indian dynasties.
- CO-3** Study about the political developments from 7th century to 1000 AD.
- CO-4** Understand socio-cultural history of the Punjab from 7th century to 1000 AD.
- CO-5** Analyses language, literature, art and architecture of Ancient Punjab.

SEMESTER-II

Course Code: ZDA121

Course Title-DRUG ABUSE: PROBLEM, MANAGEMENT AND PREVENTION DRUG ABUSE: MANAGEMENT AND PREVENTION (Compulsory for all Under Graduate Classes)

Time: 3 Hours

Credit hrs/wk.: 2

Max. Marks: 50

Instructions for the Paper Setters:

- 1) There will be a total of 9 questions of which 5 are to be attempted.
- 2) Question 1 is compulsory and having 10 short answer type questions (1 mark each).
- 3) The remaining 8 questions (10 marks each) shall include 2 questions from each unit. Candidates shall be required to attempt 4 questions, one from each unit. Preferably, the question should not be split into more than two sub-parts.

Course Objectives:

The course aim is to

CO-1.	Describe the role of family in the prevention of drug abuse.
CO-2.	Describe the role of school and teachers in the prevention of drug abuse.
CO-3.	Emphasize the role of media and educational and awareness program.
CO-4.	Provide knowhow about various legislation and Acts against drug abuse.

UNIT-I

- **Prevention of Drug abuse**

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

UNIT-II

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

UNIT-III

- **Controlling Drug Abuse**

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

UNIT-IV

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

References:

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

Course Outcomes:

The students will be able to:

CO-1.	Understand the importance of family and its role in drug abuse prevention.
CO-2.	Understand the role of support system especially in schools and inter-relationships between students, parents and teachers.
CO-3.	Understand impact of media on substance abuse prevention.
CO-4.	Understand the role of awareness drives, campaigns etc. in drug abuse management.
CO-5	Learn about the Legislations and Acts governing drug trafficking and Abuse in India.

SEMESTER - III							
Course Code	Course Name	Hours/Week	Max. Marks				Page No.
			Th	Pr	IA	Total	
ESL 221	*Environmental Studies (Compulsory)	2	50	-	-	-	----
BVTD 23102	Basics of Sewing Printing & Dyeing	2	37	-	13	50	37-38
BVTD 23103	Pattern Making and Grading	2	-	56	19	75	39-40
BVTD 23104	History of Costumes	4	37	-	13	50	41-42
BVTD 23105	CAD-I	2	-	37	13	50	43
BVTD 23106	Design Development – I	2	-	56	19	75	44-45
BVTD 23107	Garment Construction-I	6	-	75	25	100	46
TOTAL			400				

**PROGRAMME: Bachelor of Vocation in (B.Voc.)
(Textile Design & Apparel Technology) (Semester-III)**

COURSE CODE: BVTD23102

COURSE TITLE: Basics of Sewing Printing & Dyeing (Theory)

Credit hours (per week) :Th02hrs
Total credit hours (per sem):Th30Hours

Maximum marks: 50
Theory: 37
Internal assessment: 13

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

INSTRUCTIONS FOR PAPERS SETTERS:

1. There will be five sections.
2. Section A Carries 9 marks and is compulsory consisting of eight short answer type questions of 1.5 marks each covering the whole syllabus. The candidate will have to attempt six questions in section A.
3. Sections B, C, D and E will be set from unit I, II, III, &IV respectively and will consist of two questions of 7 marks each from the respective unit. The candidates are required to attempt one question from each of these sections.

COURSE OBJECTIVES:

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

UNIT-I

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

UNIT-II

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

UNIT-III

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

UNIT-IV

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

BOOKS PRECRIBED:

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

COURSE OUTCOME:

COS1- It enables the student about basics of stitching

COS2- Students will be able to understand darts, dart manipulation techniques

COS3- Students will be able to understand different methods of dyeing and printing

**PROGRAMME: Bachelor of Vocation in (B.Voc.)
(Textile Design & Apparel Technology) (Semester-III)
COURSE CODE: BVTD23103
COURSE TITLE: Pattern Making and Grading (Practical)**

**Credit hours (per week): Pr 02hrs
Total hours (per sem):Pr 30Hours**

**Maximum marks: 75
Practical: 56
Internal assessment: 19**

INSTRUCTIONS FOR PAPER SETTER

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

COURSE OBJECTIVES:

To teach different aspects of Pattern Making and Grading.

To enable the students to become a pattern maker in Garment Industry.

COURSE CONTENTS

UNIT I

➤ **Introduction to pattern making**

Pattern making tools

Pattern making terms.

Study of various measurements (incms and inches)

Measurement charts, selection of right size, fitting problems.

Child bodice block and sleeve block

Adult bodice block and sleeve block using metric system

➤ **Drafting of sleeves;**

Circular sleeve

Bishop sleeve

Lantern sleeve

Saddle sleeve

➤ **Drafting of collars;**

Bishop collar

Coat collar

Shawl collar

Stand and fall collar

Convertible collar

➤ **Drafting of skirts;**

Basic skirt

Wrap around skirt

Handkerchief skirt

➤ **Developing contoured patterns;**

Halter style

Double breasted

UNIT II

➤ **Dart manipulation;**

Shifting of darts by pivot method, slash and spread method on full scale

Single dart series

Two dart series

Multiple dart series

Princess line n empire style line

Style darts

Yokes

Gathers

➤ **Introduction to grading;**

Grading of adult bodice block

Grading of full sleeve

Grading of skirt

BOOKSPRESCRIBED

Essential Readings:

1. Bernard Zamkoff and Jeanne Price, Creative Pattern Skills for Fashion Design (f.i.t. Collection), 1990, Publisher: Fairchild Books & Visual.

2. Helen Joseph Armstrong, Pattern making for Fashion Design, 2000, Dorling Kindersley (India) Pvt. Ltd. India.

3. Sandra Betzina, Fast Fit - Easy Pattern Alterations for Every Figure, 2003 Taunton Pr.

Further Readings:

1. Gale GriggHazen,Fantastic Fit for Every Body, 1998, Published by Rodale press

2. Pati Palmer and Marta Alto Palmer, Fit for real People, 1998.,Pletsch Inc.,

3. Kathleen Maggio, Altered Clothing.

4. Pati Palmer and Susan Pletsch, Easy, Easier, Easiest Tailoring,; 2000., Published by Palmer/Pletsch Inc.

COURSE OUTCOMES

CO1-1. To introduce pattern making technique as it is a vital tool in creating garments.

CO 2. To develop understanding regarding garment pattern blocks and how they relate to human body.

CO3. To make students understand the terms and symbols used for development of any pattern.

**PROGRAMME: Bachelor of Vocation in (B.Voc.)
(Textile Design & Apparel Technology) (Semester-III)
COURSE CODE: BVTD23104
COURSE TITLE: History of Costumes (Theory)**

Credit hours (per week): Th 04hrs
Total credit hours (per sem): Th 60Hours

Maximum marks: 50
Theory: 37
Internal assessment: 13

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

INSTRUCTIONS FOR PAPER SETTERS:

- There will be five sections.
- Section A Carries 9 marks and is compulsory consisting of eight short answer type questions of 1.5 marks each covering the whole syllabus. The candidate will have to attempt six questions in section A.
- Sections B, C, D and E will be set from unit I, II, III, &IV respectively and will consist of two questions of 7 marks each from the respective unit. The candidates are required to attempt one question from each of these sections.

COURSE OBJECTIVES:

To impart the knowledge of world and Indian historic costumes.

COURSE CONTENTS:

UNIT-I

1. Ancient Indian Civilization Costumes:-

Mauryan and Shunga period
Satvahana period
Gupta period

UNIT-II

2.Traditional Costumes of India:-

North:- Punjab, Jammu and Kashmir, Haryana
West:-Maharashtra, Gujarat.

UNIT-III

East:- Assam, west Bengal, Orissa
South:-Kerala, Karnataka, Tamil Nadu.

UNIT-IV

3.Global Costumes:-

Greek period
Roman period
Egyptian period
Byzantine period.

BOOKSPRESCRIBED:

Essential Reading:

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

COURSE OUTCOMES

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

**PROGRAMME: Bachelor of Vocation in (B.Voc.)
(Textile Design & Apparel Technology) (Semester-III)**

COURSE CODE: BVTD23105

COURSE TITLE: CAD-I

(Practical)

Credit hours (per week):Pr 02hrs
Total credit hours (per sem):Pr 30Hours

Maximum marks: 50
Practical: 37
Internal assessment: 13

INSTRUCTIONS FOR PAPER SETTERS:

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

COURSE OBJECTIVES:

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

COURSE CONTENTS

1. Sloper Development:
 - Basic Child Block
 - Basic Sleeve
 - Basic Adult Block
 - Basic Sleeve
2. Manipulation of Grain line, darts, seams.
3. Different types of skirts, sleeves, collars.
4. Pattern making, Grading and Layouts.

BOOKS PRESCRIBED:

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

COURSE COUTCOMES:

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

**Bachelor of Vocation in (B.Voc.)
(Textile Design & Apparel Technology) (Semester-III)
COURSE CODE-BVTD23106
COURSE TITLE: Design Development-I
(Practical)**

**Credit hours (per week) :Pr02hrs
Total credit hours (per sem):Pr 30Hours**

**Maximum marks:75
Practical: 56
Internal assessment: 19**

INSTRUCTIOS FOR PAPER SETTERS:

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

COURSE OBJECTIVES:

To help students to understand flat sketching for fashion illustration.

COURSE CONTENTS

• **Flat sketching of various fashion details:**

- Pockets
- Sleeves
- Cuffs
- Necklines
- Collars
- Silhouettes
- Skirts
- Tops

• **Rendering of different fabric:**

- Net,
- Cotton
- Jute
- Silk
- Velvet
- Leather
- Denim
- Fur

• **Different silhouettes draping on fashion figures:**

- A-line
- Circular
- Straight
- Rectangular
- Hourglass
- Funnel shaped

• **Sketching of different accessories**

- Bags
- Jewelleries
- Hats
- Footwear

BOOKS PRESRIBED:

Essential Reading:

1. Tata Sharon Lee, "Inside Fashion Design", 1977, Francisco Canfield Press.
2. Ireland, Patrick John, Fashion Design Drawing and Presentation, 1996, B.T. Batsford London.

Further Reading:

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

COURSE OUTCOMES:

COS1- Learners will be able to enhance their drawing skills and illustrate their ideas in different styles with rendering skills and detailing.

COS2- To enable students to gain knowledge of rendering textures of fabrics

COS3- To impart the knowledge of sketching of accessories for different age groups

COS4- Students will learn to draw fashion figures by understanding body proportions

COS5- To develop approach towards ideations and confidence in presenting work creatively

**PROGRAMME: Bachelor of Vocation in (B.Voc.)
(Textile Design & Apparel Technology) (Semester-III)**

COURSE CODE: BVTD23107

**COURSE TITLE: Garment Construction-I
(Practical)**

**Credit hours (per week) :Pr06hrs
Total credit hours (per sem):Pr90Hours**

**Maximum marks: 100
Practical: 75
Internal assessment: 25**

INSTRUCTIONS FOR PAPER SETTERS:

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

COURSE OBJECTIVE:

To enable the students to construct theme based garments.

COURSE CONTENT:

PRACTICAL

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

BOOKS PRESCRIBED

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

COURSE OUTCOMES:

COS1 Students will gain the understanding regarding different garment components and their construction.

COS2- Students will be able stitch sleeves, necklines and other parts of garments.

SEMESTER - IV							
Course Code	Course Name	Hours/Week	Max. Marks				Page No.
			Th	Pr	IA	Total	
ESL 222	*Environmental Studies-II (Compulsory)	2	50	-	-	-	48-51
BVTD 24102	Traditional Textiles	6	37	37	26	100	52-54
BVTD 24103	Draping	2	-	37	13	50	55-56
BVTD 24104	Quality Control	2	37	-	13	50	57
BVTD 24105	CAD-II	2	-	37	13	50	58
BVTD 24106	Design Development – II	2	-	37	13	50	59
BVTD 24107	Garment Construction-II	4	-	75	25	100	60-61
TOTAL						400	

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

Student can opt.this Paper whether in 3rd or 4th Semester

B.A./B.Sc. (Biotech., Food Sci., Comp. Sci., Eco., FD., IT., Med., Non Med.)/B.Sc. (Hons.- Physics, Chemistry, Maths)/B.B.A./B.C.A./B.Com./B.Com. (Hons.)/BJMC/BA Social Sciences/BA (Hons.) Punjabi, BA (Hons.) English, B.Voc (Food Processing, Theatre and Stage Craft, Software Development, Textile Design & Apparel Tech)

SEMESTER-IV

Course Code: ESL-222

Course Title: ENVIRONMENTAL STUDIES-II (COMPULSORY)

Credit Hours (Per Week): 2

Total Hour: 30

Maximum Marks: 50

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

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

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

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

Course Objectives:

CO-1	To study the concept of Biodiversity – role, importance, values and its conservation. Hot spots and threats to biodiversity.
CO-2	To create awareness regarding environmental pollution, its causes and effects and preventive measure to control the different types of pollution.
CO-3	To make students aware of growing human population – causes and concern. Family welfare programs. Road safety (Traffic) rules.
CO-4	To know about entrepreneurship development and civil/self-defense.

Unit-I

Biodiversity and its Conservation:

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

Unit-II

Environmental Pollution:

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

Unit-III

Human Population and the Environment

- Population growth, variation among nations.
- Population explosion-Family welfare programme.
- Environment and human health.

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

Unit-IV

National Service Scheme:

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

Field Visits:

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

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

References/Books:

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

10. Kanta, S., 2012. Essentials of Environmental Studies, ABS Publications, Jalandhar.

Course Outcomes:

CO-1	To know about the meaning of Biodiversity and its role in environment.
CO-2	To know about the causes of different forms of pollution and their control measures.
CO-3	To know about the causes and challenges of growing human population. Women and child welfare programs.
CO-4	To know the development of entrepreneurship and techniques of civil/self defense.

**PROGRAMME: Bachelor of Vocation in (B.Voc.)
(Textile Design & Apparel Technology) (Semester-IV)
COURSE CODE: BVTD24102
COURSE TITLE: Traditional Textiles
(Theory)**

Credit hours (per week):Th 04+ Pr 02 hrs hrs
Total hours (per sem):Th 60+ Pr 30 Hours

Maximum marks: 100
Theory: 37
Practical: 37
Internal assessment: 26

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

INSTRUCTIONS FOR PAPER SETTERS:

1. There will be five sections.
2. Section A Carries 9 marks and is compulsory consisting of eight short answer type questions of 1.5 marks each covering the whole syllabus. The candidate will have to attempt six questions in section A.
3. Sections B, C, D and E will be set from unit I, II, III, &IV respectively and will consist of two questions of 7 marks each from the respective unit. The candidates are required to attempt one question from each of these sections.

COURSE OBJECTIVES:

To gain knowledge of traditional textiles of India.

COURSE CONTENTS

	UNIT-I
1.Colored textiles:-	
Patola	
Ikat	
Bandhani	
	UNIT-II
2. Woven textiles:-	
Chanderi	
Maheshwari	
Kanjwaram	
Baluchari	
Brocades	
	UNIT-III
3.Painted	
Kalamkari	

UNIT-IV

Study of following traditional embroideries – Introduction, types, history, decorative stitches, Techniques and colour combinations.

Phulkari
Kantha
Chikankari
Kashida
Chamba Rumal

PRACTICAL

INSTRUCTIONS FOR PAPER SETTER

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

COURSE CONTENTS

- **Sample making of the following:-**

1. Phulkari of Punjab,
2. Kantha of Bengal,
3. Chikankari of U.P
4. Kashida
5. ChambaRumal
6. Kasuti/ Kutch

- **Dyeing**

□□□□□ Tie and Dye

- **Make any 2 article by using any embroidery and dye.**

BOOKS PRESCRIBED

1. Indian Embroidery – SavitriPandit.
2. Bhatnagar, Parul – Traditional Indian Textiles.
3. Irwin and Hall Indian Embroideries, Published by S.R. Bastikar, P.B. 28, Ahmedabad.
4. Rustarm; J. Mehta, “Masterpieces of Indian Textiles”, (1970), D.B. Taraporewala Sons &Co., Pvt.Ltd.
5. JoyeeStorey, The Thames and Hudson- Manual of Textile Printing.’ (1974), Thames and Hudson – London.
6. Abraham T.M., Handicraft of India, Graphics Columbia, New Delhi, 1964, Mulk Raj Anand Marg, Vol. VIII, 1954.
7. Textile Arts of India ,KyotoShoin

Further Reading:

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

COURSE OUTCOMES:

COS1 to impart the knowledge of traditional design and motifs of textiles

COS2 Students will be able to explore their ideas through embroidery techniques

COS3 Students will be able to differentiate between embroidery works of different states

**PROGRAMME: Bachelor of Vocation in (B.Voc.)
(Textile Design & Apparel Technology) (Semester-IV)
COURSE CODE: BVTD24103
COURSE TITLE: Draping
(Practical)**

**Credit hours (per week):Pr 02hrs
Total hours (per sem):Pr 30Hours**

**Maximum marks: 50
Practical: 37
Internal assessment-13**

INSTRUCTIONS FOR PAPER SETTER

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

COURSE OBJECTIVES:

To impart the knowledge of Indian and Global fashion market.

COURSE CONTENTS

- Draping of basic bodice block
 1. Front
 2. Back
- Basic variation
 1. Classic princess line ,(front and back)
 2. Cowl neckline , halter neck
 3. Yoke
 4. Armhole
 5. Front bodice with French darts, Shoulder darts' centre front dart
 6. Intersecting darts
 7. Asymmetric darts
 8. Dart with gathered leg
 9. The basic empire
- Draping of bustier

BOOKS PRESCRIBED:

Essential Readings:

1. Bernard Zamkoff and Jeanne Price, Creative Pattern Skills for Fashion Design (f.i.t. Collection), 1990, Publisher: Fairchild Books & Visual.
2. Helen Joseph Armstrong, Pattern making for Fashion Design, 2000, Dorling Kindersley (India) Pvt. Ltd. India.
3. Sandra Betzina, Fast Fit - Easy Pattern Alterations for Every Figure, 2003 Taunton Pr.
4. Helen Joseph- Armstrong, Draping for Apparel Design, Oct. 1999 Publisher: Fairchild Books & Visual.
5. Connie Amaden – Crawford, The art of fashion Draping, 2nd edition (Oct. 1995) Publisher: Fairchild Books, K Visual.
6. Hilde Jaffe, Jurie Reus, Draping for Fashion Design, 1993, Prentice Hall Carrer& Technology.

Further Readings:

1. Gale GriggHazen,Fantastic Fit for Every Body, 1998, Published by Rodale press
2. Pati Palmer and Marta Alto Palmer, Fit for real People, 1998.,PletschInc.,Kathleen Maggio, Altered Clothing.
3. Pati Palmer and Susan Pletsch, Easy, Easier, Easiest Tailoring,; 2000., Published by Palmer/Pletsch Inc.,

COURSE OUTCOMES

CO1- Students will be able to apply the learned techniques of draping to develop a product

CO2- Easily enables the student formation of design in Three-dimensional way

CO3- They are able to transform draping pattern into dress.

**PROGRAMME: Bachelor of Vocation in (B.Voc.)
(Textile Design & Apparel Technology) (Semester-IV)**

COURSE CODE: BVTD24104

**COURSE TITLE: Quality Control
(Theory)**

Credit hours (per week):Th 02 hrs

Total hours (per sem):Th 30Hours

Maximum marks: 50

Theory : 37

Internal assessment-13

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

INSTRUCTIONS FOR PAPER SETTERS:

1. There will be five sections.
2. Section A Carries 9 marks and is compulsory consisting of eight short answer type questions of 1.5 marks each covering the whole syllabus. The candidate will have to attempt six questions in section A.
3. Sections B, C, D and E will be set from unit I, II, III, &IV respectively and will consist of two questions of 7 marks each from the respective unit. The candidates are required to attempt one question from each of these sections.

COURSE OBJECTIVES:

To enable the students to learn about quality control in apparel industries.

COURSE CONTENTS:

UNIT-I

- Define Quality Control:- Importance of Quality and Quality control

UNIT-II

- Fabric defects:- Pre-sewing and sewing defects.

UNIT-III

- Concept of total quality management
- Accessory testing:- Sewing threads, buttons, laces, hooks, elastics.

UNIT-IV

- Apparel quality assurance in packing

□□□ Importance

Types

Scope and importance

Shipping procedure

BOOKS PRESCRIBED:

1. Managing Quality in the Apparel Industry ,Pradip Mehta(NIFT)
2. Technology of Clothing Manufacture, Harold Carr
3. Total Quality Management- a practical approach , Wiley Eastern
4. Introduction to Quality Control, Pradip V Mehta

COURSE CONTENTS:

COS1- It imparts among students steps to ensure products before supplying

COS2- It enables students how costumer needs and expectations are met

COS3- It helps students to impart knowledge about different funds ad costing

COS4- It enables students to understand different quality control strategy

**PROGRAMME: Bachelor of Vocation in (B.Voc.)
(Textile Design & Apparel Technology) (Semester-IV)
COURSE CODE: BVTD24105
COURSE TITLE: CAD-II
(Practical)**

**Credit hours (per week):Pr 02hrs
Total hours (per SEM):Pr 30Hours**

**Maximum marks: 50
Practical: 37
Internal assessment-13**

INSTRUCTIONS FOR PAPER SETTERS:

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

COURSE OBJECTIVES:

To understand the fashion design concepts on computer.

To acquaint students with knowledge of CAD based application in Fashion Designing.

COURSE CONTENTS:

- Introduction to basic tools of the fashion software.
- Designing 10 outfits on the following themes:

- Season
- Party wear
- Sports
- Casual
- Beach
- Club
- Night
- Evening
- Uniform
- Ethnic wear

BOOKSPRESCRIBED:

1. Software Manuals

COURSE OUTCOMES:

COS1- Students will be able to understand the fashion design concepts on computer

COS2- Students will gain knowledge about different themes required in the field of fashion.

COS3- Students will be able to make designs digitally in Coral Draw and Adobe Photoshop

COS4-To develop and conceptualize their designs and creations.

**PROGRAMME: Bachelor of Vocation in (B.Voc.)
(Textile Design & Apparel Technology) (Semester-IV)**

COURSE CODE: BVTD24106

**COURSE TITLE: Design Development-II
(Practical)**

**Credit hours (per week):Pr 02hrs
Total hours (per SEM):Pr 30Hours**

**Maximum marks: 50
Practical: 37
Internal assessment-13**

INSTRUCTIONS FOR PAPER SETTERS:

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

COURSE OBJECTIVE:

To teach students Professional illustrations which will help them in garment designing.

COURSE CONTENTS:

Design at least 4 dresses of each and one on Croquie

- Indian Traditional wear.
- Casual Wear.
- Kids Wear.
- Western Formal Wear.
- Office Wear

Each theme must have Mood Board, Colour Board, Swatch Board, Garment Specification sheet and Costing sheet.

BOOKS PRESCRIBED:

1. Tata Sharon Lee, "Inside Fashion Design", 1977, Francisco Canfield Press,.
2. Ireland Patrick John, Fashion Design Drawing and Presentation", 1996, B.T. Batsford, London,.
3. Seaman, Julian, Professional Fashion Illustration, 1995, B.T. Batsford London,
4. Drake and Nicholas, "Fashion Illustartion", 1994, Thames and Hudson London.
5. ElisabettaDrudi, T.Paci, "Figure Drawing for Fashion", 2002, The Pepin Press.
6. BinaAbling, Fashion Illustration, 2008, Fairchild Publication.
7. BinaAbling, Fashion Rendering with Color, , 200, Fairchild Publication.
8. Thames &Husdon, Vogue Sketch Catalogue, 1911, Si New House.

COURSE OUTCOMES:

COS1- Learners will be able to enhance their drawing skills and illustrate their ideas in different styles with rendering skills and detailing

COS2- To enable students to gain knowledge of rendering textures of fabrics

COS3- To impart the knowledge of sketching of accessories for different age groups

COS4- Students will learn to draw fashion figures by understanding body proportions.

COS5- To develop approach towards ideations and confidence in presenting work creatively.

**PROGRAMME: Bachelor of Vocation in (B.Voc.)
(Textile Design & Apparel Technology) (Semester-IV)
COURSE CODE: BVTD24107
COURSE TITLE: Garment Construction-II
(Practical)**

**Credit hours (per week):Pr 04hrs
Total hours (per SEM):Pr 60Hours**

**Maximum marks: 100
Practical: 75
Internal assessment: 25**

INSTRUCTIONS FOR PAPER SETTERS:

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

COURSE OBJECTIVE:

To enable the students to construct women's wear

COURSE CONTENTS:

PRACTICAL

- Design and construct women dresses on the following theme:-
 - Indian traditional dress.
 - Western party wear.
 - Office wear.
 - Night wear.
 - Casual wear- (Culottes, Skirt-pleated, peg, flared, Tops with cowl and turtle neckline).

BOOKS PRESCRIBED:

Essential Reading:

- 1) McCall's Sewing in Colour, 1971, Butterick Publishing co.
- 2) Singer Sewing Book, 1943, Mary Brooks Picken, Kessinger Publishing.
- 3) Measure, Cut and Sew, Holt Rinehart and Winson.1922, McMillain Publishing Company.
- 4) Bray N., Dress Pattern Designing, 2003 (5th edition) Willey Blackwell.
- 5) Helen Joseph Armstrong, Pattern Making for Fashion Design 2005, Prentice Hall.
- 6) Tata Sharon Lee, "Inside Fashion Design", 1977, Francisco Canfield Press,
- 7) Ireland Patrick John, Fashion Design Drawing and Presentation, 1996, B.T. Batsford London,
- 8) Seaman, Julian, Professional Fashion Illustration, 1995, B.T. Batsford London,
- 9) Drake and Nicholas, "Fashion Illustration", 1994, Thames and Hudson London.

Further Reading:

- 1) Basic Pattern Skills for Fashion Design by Bernard Zamkoff, 1997, Fairchild Publication,.
- 2) Ernestine Koff, Design Apparel through Flat Pattern, 2006, Cole Publishing Co.
- 3) Martin Shoben, Pattern Cutting & Making Up, 1987, Butterworth, Heimeneman.
- 4) Hilde Jaffe, Draping for Fashion Design, 2007, Claudia Barbara.
- 5) Ireland, Patrick John, Fashion Design Drawing and Presentation 1996," , B.T. Batsford,
- 6) London,.
- 7) ElisabettaDrudi, T.Paci, "Figure Drawing for fashion", 2002, The Pepin Press.
- 8) BinaAbling, Fashion Illustration, 2008, Fairchild Publication.
- 9) BinaAbling, Fashion Rendering with Color, , 200, Fairchild Publication.
- 10) Thames &Hudson, Vogue Sketch Catalogue, 1911, Si New House.

COURSE OUTCOMES:

CO1- Students will gain the understanding regarding different garment components and their construction.

CO2- Students will be able to stitch sleeves, necklines and other parts of garments.

CO3 Students will be able to construct complete garment.

SEMESTER - V							
Course Code	Course Name	Hours/Week	Max. Marks				Page No.
			Th	Pr	IA	Total	
BVTD 35101	Enterprise Management	4	37	-	13	50	63-64
BVTD 35102	Introduction Knitting Skills	6	37	37	26	100	65-66
BVTD 35103	Technical Surface Designing-I	2	-	37	13	50	67-68
BVTD 35104	E-Designing	4	-	37	13	50	69-70
BVTD 35105	Advance Draping & Garment Construction	4	-	37	13	50	71
BVTD 35106	Advance Rendering & Stylization	4	-	37	13	50	72
BVTD 35107	Survey & Project Report	4	-	37	13	50	73
TOTAL						400	

**PROGRAMME: Bachelor of Vocation in (B.Voc.)
(Textile Design & Apparel Technology) (Semester-V)**

COURSE CODE: BVTD35101

**COURSE TITLE: Enterprise Management
(Theory)**

Credit hours (per week) =Th 04Hrs

Maximum marks: 50

Total credit hours (Per Sem):Th 60Hours

Theory=37

Internal assessment =13

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

INSTRUCTIONS FOR PAPER SETTERS:

- 1. There will be five sections.**
- 2. Section A Carries 9 marks and is compulsory consisting of eight short answer type questions of 1.5 marks each covering the whole syllabus. The candidate will have to attempt six questions in section A.**
- 3. Sections B, C, D and E will be set from unit I, II, III, &IV respectively and will consist of two questions of 7 marks each from the respective unit. The candidates are required to attempt one question from each of these sections.**

COURSE OBJECTIVES:

To help the students to understand planning of small scale business.

COURSE CONTENTS:

UNIT-I

- Management:- Introduction: Meaning and Nature of Management, Management Approaches, Processes, Managerial Skills, Tasks and Responsibilities of a Professional Manager.
- Planning and Controlling:- Planning Types and Process, Management by Objectives, Decision-Making Types and Models, Problem Solving Techniques.

UNIT-II

- Financial Management
- Nature and Scope of Financial Management;
- Financial Objectives; Impact of Financial and Economical Environment on Financial Management

UNIT-III

- Introduction to customer relationship management, measuring customer relationship management, customer response, satisfaction, loyalty, customer relation and complaint management. Overview of Supply Chain Management, Purchase Management.

UNIT-IV

- Change & Innovation Management
- Change Management: Understanding the Nature& Importance of Change, Types of Change. Innovations Management: Invention vs. Innovation; Innovation Strategies, Models; Process Innovation. Economics of Innovation.
- Creative and Lateral Thinking Management: Creative Thinking, Lateral Thinking.

BOOKS PRECRIBED:

1. Entrepreneurial Development- Dr. S. Moharana and Dr.Dash, PubbyRBSAPublishers, Jaipur.
2. Entrepreneurial Development by S.S. Khanna, Published by S. Chand & Company Ltd., Ram Nagar ,NewDelhi.
3. Entrepreneurial Development by C.B. Gupta and N.P.Srinivasen, Publisher Sultan Chand & sons, 1992.
4. Entrepreneurial Development Principles. Policies and programme by PS aravanavel, Publishers Ess Pee Kay Publishing house ,Madras.
5. Inside The Fashion Business, BennettColema

COURSE OUTCOMES:

CO1-Learners will pick up about Foundation of Entrepreneurship Development and its theories

CO2- Learners will explore entrepreneurial skills and management function of a company with special reference to SME sector.

CO3- Learners will identify the type of entrepreneur and the steps involved in an entrepreneurial venture.

CO4- Learners will understand various steps involved in starting a venture and to explore marketing methods & new trends in entrepreneurship.

**PROGRAMME: Bachelor of Vocation in (B.Voc.)
(Textile Design & Apparel Technology) (Semester-V)**

COURSE CODE: BVTD35102

**COURSE TITLE: Introduction Knitting Skills
(Theory)**

**Credit hours (per week) =Th 04hrs+Pr 02hrs
Total credit hours(per sem): Th 60hrs+Pr 30hrs**

**Maximum marks: 100
Theory: 37
Practical=37
Internal assessment =26**

Note: Medium of Examination in English, Hindi, Punjabi language.

INSTRUCTIONS FOR PAPER SETTERS:

- 1. There will be five sections.**
- 2. Section A Carries 9 marks and is compulsory consisting of eight short answer type questions of 1.5 marks each covering the whole syllabus. The candidate will have to attempt six questions in section A.**
- 3. Sections B, C, D and E will be set from unit I, II, III, &IV respectively and will consist of two questions of 7 marks each from the respective unit. The candidates are required to attempt one question from each of these sections.**

COURSEOBJECTIVES:

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

COURSE CONTENTS

UNIT-I

- Introduction to knitting industry
- Important definition of knitting terms- Course Length, Technically Upright ,Sewn Bind Off, Dye Lot, Gauge, English Knitting, Continental Knitting, Stitch Density .
- Working of knitting needles.
- Loop formation and construction of knitting stitches. - Plain stitch - Purl stitch – Miss stitch- Tuck stitch.

UNIT-II

- Classification of weft knitted fabrics - Single jersey - Rib – Purl knit - Interlock - Double knit fabric - High pile knit - Fully fashioned knit - Knitted terry - Knitted velour - Knitted jacquard – Knitted intarsia

UNIT-III

- Classification of warp knits – Identification of warp knitted fabric- Tricot fabric, Raschel knit fabric
- Yarns for warp knitted fabric
- Types and properties
 - Fabric characteristics
- Difference between Raschel and Tricot fabric

UNIT-IV

- Production calculation of knitted garment
- Production methods of knitted garments
- Difference between knitted and woven fabrics

PRACTICAL

INSTRUCTIONS FOR PAPER SETTERS:

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

COURSE CONTENTS:

- Knitting
- Hand knitting
- Tools, material, techniques
- Types of knitting and knitting needles, ribs, laces, cables, cross and knitted, making of knitting samples, ribs, laces, cables, cross and Purl.
- Preparation of any one article.

BOOKS PRESCRIBED

1. Brackenbury Terry, “Knitting Clothing Technology”, Blackwell Science,UK.
2. Spancer David J, “Knitting Technology”, PergemanPress
3. GrammerofTextileDesign-Nisbet
4. Structural Fabric DesignBy-Kilby
5. Fibre to FabricByGhosh

COURSE OUTCOMES

CO1-To impart comprehensive knowledge in textile manufacturing processes and quality assurance aspects necessary for successful career in industry and higher studies

CO2-.To develops leadership and problem solving skills in graduates to make them industry ready.

CO3- To encourage the graduates for innovation and entrepreneurship in textile engineering.

CO4-To inculcate professional, ethical and sustainable practices of textile engineering in undergraduate students.

**PROGRAMME: Bachelor of Vocation in (B.Voc.)
(Textile Design & Apparel Technology) (Semester-V)**

COURSE CODE: BVTD35103

**COURSE TITLE: Technical Surface Designing-I
(Practical)**

**Credit hours (per week) =Pr 02Hrs
Total credit hours(per sem): Pr 30Hours**

**Maximum marks: 50
Practical=37
Internal assessment =13**

INSTRUCTIONS FRO PAPER SETTERS:

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

COURSE OBJECTIVES:

- Students will be able to This helps learn the art of surface ornamentation.
- Student will learn about needle craft.
- Students will enable to gain the knowledge of different embroidery techniques.
- Students will enable to learn the different painting techniques

COURSE CONTENT

PRACTICAL

- **Quilting & Patch work:** - Introduction, tools, material, techniques and types of embroidery – Cut work, Cross stitch, couching, Glass work, drawn thread work.
- **Crochet:** - Introduction, tools, material, techniques and types – Single, double, circular, making crochet samples.
- **Special techniques:** - Smocking, ribbon work, beads and sequence work, hand fabric painting, stencil printing & block printing
- Developing two products based on techniques of Surface Ornamentation (one or more).
Make samples by various Weaving techniques
 - Plain Weave
 - Twill Weave
 - Satin Weave
 - Sateen Weave
 - Cut-Pile Weave & Uncut- Pile Weave.

BOOKS PRESCRIBED:

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

COURSE CONTENTS:

CO1- Students will be able to explore and bring into practice their ideas through embroidery techniques.

CO2-. Student will be able to understand the application of different embroidery to techniques to create 2D and 3D effects.

CO3-. Students will be able to create innovative designs by combining number of stitches and by using creative raw material

CO4-. Students will be able to develop utility articles with the help of basic embroidery stitches

**PROGRAMME: Bachelor of Vocation in (B.Voc.)
(Textile Design & Apparel Technology) (Semester-V)
COURSE CODE: BVTD35104
COURSE TITLE -E- Designing
PRACTICAL**

**Credit hours (per week) =Pr 04Hrs
Total credit hours(per sem):Pr 60Hours**

**Maximum marks: 50
Practical=37
Internal assessment =13**

INSTRCTIONS FOR PAPER SETTERS:

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

COURSE OBJECTIVES:

- To understand the fashion design concepts on computer.
- To acquaint students with knowledge of CAD based application in Fashion Designing.
- Students can learn the Creating labels, Logos ,Posters Designing methods
- Students will enable to understand technological aspect by Corel Draw Software
- Students can learn faster and more software in less time but

COURSE CONTENTS.

- **Designing in Corel Draw.**
 1. Create motifs / small designs
 2. Create logos for branded companies
 3. Creating labels:-
 - Name label
 - Size label
 - Care label
 4. Drawing fashion silhouettes using different Textile motifs in CorelDraw
 5. Design the collection of any two latest National Designer
 6. Design the collection of any two latest International Designer

BOOKS PRESCRIBED:

1. The CorelDraw Book Paperback – 14 May 1999 by Linnea Dayton (Author),Shane Hunt (Author),Sharon Steuer(Author)
2. CorelDRAW X7 User Guide - CorelCorporation
3. CorelDRAW 2018 User Guide - Corel Corporation

COURSE OUTCOMES

CO1-Students will discover how does web works really, what makes web sites work.

CO2- Simple and impressive design techniques, from basics till advanced to focus on goal oriented and• user centric designs.

CO3-How to and where to start research, planning for website•& actually build excellent web sites.

CO4- Pro level skills in SEO with keyword research and content strategy for your website. •

CO5-To create web elements like buttons, banners•& Bars and of course complete UI designs.

**PROGRAMME: Bachelor of Vocation in (B.Voc.)
(Textile Design & Apparel Technology) (Semester-V)
COURSE CODE: BVTD35105
COURSE TITLE: Advance Draping & Garment Construction
(Practical)**

Credit hours=Pr 04 hrs

Total credit hours :Pr 60hrs Hours

Max.Max.Marks: 50

Practical: 37

Internal Assessment: 13

INSTRUCTIONS FOR PEPER SETTER:

- Practical Paper will be set on the spot by the examiner.

COURSE OBJECTIVES:

- Students will able to learn the basic draping techniques
- Students will familiarize with draping method for different kinds of garments
- Students will able to develop different patterns through Pattern Making
- Students will gain practical knowledge of different Skirts, Sleeves and collars
- Students will able to learn about tools and equipment of Draping.

COURSE CONTENTS:

- Draping of basic skirt block□
 1. Front
 2. Back
 - Skirt variation
 1. A line skirt with flair
 2. Gathered skirt with yoke
 3. Pleated skirt with yoke
 4. Circular skirt
 5. Skirt with frills,/tiers
 - Collars
 1. Mandarin collar
 2. Peter pan collar
 3. Turtleneck collar
 - Basic sleeve
 - Draping of pants
 - Draping and stitching of any three garments with Draping

BOOKS PRESCRIBED:

1. Helen Joseph- Armstrong, Draping for Apparel Design, Oct. 1999Publisher: Fairchild Books &Visual.
2. Connie Amaden – Crawford, The art of fashion Draping, 2nd edition (Oct. 1995) Publisher: Fairchild Books, KVisual.
3. Hilde Jaffe, Jurie Reus, Draping for Fashion Design, 1993, Prentice HallCarrer & Technology

COURSE OUTCOMES:

- CO1. Students will able to learn the basic draping techniques.
- CO2. Students will familiarize with draping method for different kinds of garments.
- CO3. Students will able to develop different patterns through Pattern Making.
- CO4. Students will gain practical knowledge of different Skirts, Sleeves and collars.
- CO5. Students will able to learn about tools and equipment of Draping

**PROGRAMME: Bachelor of Vocation in (B.Voc.)
(Textile Design & Apparel Technology) (Semester-V)
COURSE CODE: BVTD35106
COURSE TITLE: Advance Rendering & Stylization
(Practical)**

**Credit hours (per week) =Pr 04 Hrs
Total credit hours (per sem):Pr 60Hours**

**Maximum marks: 50
Practical=37
Internal assessment =13**

INSTRCTIONS FOR PAPER SETTERS:

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

COURSE OBJECTIVES:

- Students will learn flat sketching for fashion illustration.
- Students will learn different rendering techniques
- To increase the proficiency in drawing skills
- Students will able to learn different elements of illustrations
- Students are able to execute flat drawing and design to communicate the mood and image of fashion design.

COURSE CONTENTS

PRACTICAL

1. Basic Men's Croquis and also in various poses
2. **Create Traditional Prints & Motifs** -Kalamkari, Ajrak,,Paisley,Damask, Madhubani,Chintz
3. **Illustrate the male and female trends by using different Prints & motifs :-.**(any 4)
 - Casual Wear
 - Traditional Wear
 - Party Wear
 - Indo western Wear
 - Evening Wear

BOOKS PRESCRIBED:

1. Abling Bina,“Fashion Sketch Book”,2006 byFairchildPublication
2. StanSmith,“TheIllustrationhandbook”1984byMacdonldCo.
3. Julian Seaman,“ Professional Fashion Illustration” by B.T.BatsfordLtd.
4. Kathryn McKelvey“ IllustratingFashion”byBlack wellScience.
5. IrelandPatrickJohn,“FashionDesignDrawingPresentation”,1996B.T.BatsfordLtd

COURSE OUTCOMES:

- CO1. Students will develop an approach towards ideation.
- CO2. Students will learn to draw fashion figures by understanding body proportions.
- CO3. They will be able to drape the desired idea of their design onto the fashion figure.
- CO4. They will be able to enhance their rendering skills using different colour mediums

**PROGRAMME :Bachelor of Vocation in (B.Voc.)
(Textile Design & Apparel Technology) (Semester-V)**

COURSE CODE: BVTD35107

COURSE TITLE: Survey & Project Report

PRACTICAL

**Credit hours (per week) =Pr 04Hrs
Total credit hours(per sem):Pr 60Hours**

**Maximum marks: 50
Practical=37
Internal assessment =13**

INSTRCTIONS FOR PAPER SETTERS:

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

COURSE OBJECTIVES:

- To gain knowledge of different fabrics and trimmings available in themarket.
- To enable students to learn the sourcing of various fashion materials
- Enables the students to get the knowledge of different fabrics.
- Students will enable to learn the loom variations.

COURSE CONTENTS

PRACTICAL

Market Survey on:-

- Handloom Fabrics
- Power loom fabrics
- Trimmings & Notions
- Students should submit the report at the end of the semester which includes Introduction, History, Types, Objectives and Collections of different fabric swatches.

COURSE OUTCOMES :

CO1-Students will be able to find the role of museum in their life and will be able to appreciate it existence in our society.

CO2. Students will be able conduct research on crafts of India and present their research in a practical industry accepted format.

CO3. Students will build an understanding and confidence to give design solutions to the artisans for further evolution of the crafts.

CO4. Students will be able to use handicraft techniques and apply the same in their collections

SEMESTER - VI							
Course Code	Course Name	Hours/Week	Max. Marks				Page No.
			Th	Pr	IA	Total	
BVTD 36101	Fashion Merchandising	4	37	-	13	50	75-76
BVTD 36102	Eco Textiles and Sustainable Clothing	4	37	-	13	50	77-78
BVTD 36103	Custom made Sewing	7	-	37	13	50	79
BVTD 36104	Portfolio Development	7	-	75	25	100	80
BVTD 36105	Technical Surface Designing-II	4	-	37	13	50	81
BVTD 36106	Design and Display	4	-	37	13	50	82
BVTD 36107	Internship report	---	-	37	13	50	83
	TOTAL					400	

**Programme-Bachelor of Vocation in (B.Voc.)
(Textile Design & Apparel Technology) (Semester-VI)
Course code-BVTD36101
Course title: Fashion Merchandising (Theory)**

**Credit hours (per week) =Th 04hrs
Total credit hours (per sem): Th 60 Hours**

**Maximum marks: 50
Theory =37
Internal assessment =13**

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

INSTRCTIONS FOR PAPER SETTERS:

- **There will be five sections.**
- **Section A Carries 9 marks and is compulsory consisting of eight short answer type questions of 1.5 marks each covering the whole syllabus. The candidate will have to attempt six questions in section A.**
- **Sections B, C, D and E will be set from unit I, II, III, &IV respectively and will consist of two questions of 7 marks each from the respective unit. The candidates are required to attempt one question from each of these sections.**

COURSE OBJECTIVES:

- To know about Fashion merchandising
- To know the role and responsibilities of fashion merchandising
- To learn about the types of merchandising
- To know about fashion show, Exhibitions and Displays.
- To know about sales Promotion and advertising

COURSE CONTENTS

UNIT-I

- Introduction to Merchandising:
- Merchandising terminology - role and responsibilities of merchandiser – types of merchandisers – fashion merchandiser, export merchandiser, retail merchandiser and Visual merchandiser.

UNIT-II

- Roles of buyer and merchandiser: Rights of fashion merchandising - roles of buyer - skill set of good fashion buyer- role of fashion merchandiser - skill set of good fashion merchandiser - own label versus branded buying and merchandising- fashion buyer and merchandiser job description

UNIT-III

- 6 R's of fashion merchandising, fashion forecasting, fashion interpretation, merchandise resource planning, and elements of planning, capacity planning, merchandising calendar, KPI measurements, buying and selling seasons in different market.

UNIT-IV

- Fashion merchandising range planning: Introduction to range planning- range plan optional plan -qualitative and quantitative aspects-range planning process
- Fashion merchandising: Sizing, deliveries and allocation: Merchandiser supplier relationship, size curves, initial allocations-managing purchase orders and deliveries

Trading: Planning versus trading, repeats and cancellations, promotional planning, end of season sale.

BOOKS PRESCRIBED

1. Merchandise Buying & Management, John Donnellan, 2001, Fairchild Books
2. Kitty G. Dickerson, Inside The Fashion Business, 7th Edition, 2003 Prentice hall
3. Elaine Stone, The Dynamics of Fashion, 2004, Fairchild
4. Jay Diamond; Ellen Diamond, The World of Fashion , 2007, Fairchild.
5. Gini Stephens Frings, Fashion from Concepts to Consumer, 1982, Prentice hall
6. Tony Hines, Fashion Marketing, 2006, Butter Worth – Heinemann
7. Rosemary Varley, Retail Product Management : Buying and Merchandising, 2005, Routledge
8. John Giacobello, Careers in fashion Industry, 2000, Rosel Pub. Group

COURSE OUTCOMES:

- CO1 To know about Fashion merchandising
- CO2 To know the role and responsibilities of fashion merchandising
- CO3 To learn about the types of merchandising
- CO4 To know about fashion show, Exhibitions and Displays.
- CO5 To know about sales Promotion and advertising

**PROGRAMME: Bachelor of Vocation in (B.Voc.)
(Textile Design & Apparel Technology) (Semester-VI)**

COURSE CODE=BVTD36102

COURSE TITLE: Eco Textiles and Sustainable Clothing (Theory)

**Credit hours (per week) =Th 04hrs
Total credit hours (per Sem)=Th 60 Hours**

**Maximum marks: 50
Theory =37
Internal assessment =13**

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

INSTRUCTIONS FOR PAPER SETTERS:

- **There will be five sections.**
- **Section A Carries 9 marks and is compulsory consisting of eight short answer type questions of 1.5 marks each covering the whole syllabus. The candidate will have to attempt six questions in section A.**
- **Sections B, C, D and E will be set from unit I, II, III, &IV respectively and will consist of two questions of 7 marks each from the respective unit. The candidates are required to attempt one question from each of these sections.**

COURSE OBJECTIVES:

- To learn about the development and maintenance of healthy and safe work environment.
- To provide education on work health and safety.
- To create awareness among students about health and safety at workplace.
- To learn how to set effective safety goals for an organization.
- To learn various prevention measures for safe work environment

COURSE CONTENTS:

UNIT-I

- Introduction: Differences between chemical & green processes, rules/recommendations for using chemicals, raw materials & waste handling for sustainable textiles & clothing.
- Treatment and disposal of textile effluents. Treatment processes of sewage.

UNIT-II

- Eco-friendly chemical processing: Modern approaches to eco-friendly wet processing of woven and knitted clothing. Red listed textile chemicals, their sources and remedies.
- Eco-friendly dyes and their method of dyeing.

UNIT-III

- Introduction and importance of recycling and up cycling for growing source of innovative design in the fashion and accessories, processing, production and their applications.

UNIT-IV

- Manufacturing rights- Ethical and environmental issues relating to textiles and fashion industry.
- Ethical, standard practices for sourcing of sustainable fashion clothing and accessory.

BOOK PRESCRIBED

- Grammer of Textile Design-Nisbet Structural Fabric Design By-Kilby
- Fiber to Fabric By Ghosh
- Watson's Advance Textiles Design.
- The Textile Book by Colin Gale; jasvir Kaur Berg, 2002

COURSE OUTCOMES:

CO1 To learn about the development and maintenance of healthy and safe work environment.

CO2 To provide education on work health and safety.

CO3 To create awareness among students about health and safety at workplace. CO4 To learn how to set effective safety goals for an organization.

CO5 To learn various prevention measures for safe work environment

**PROGRAMME: Bachelor of Vocation in (B.Voc.)
(Textile Design & Apparel Technology) (Semester-VI)**

COURSE CODE: BVTD36103

**COURSE TITLE: Custom made Sewing
PRACTICAL**

**Credit hours (per week) =Pr 07hrs
Total credit hours (per Sem):Pr 105 Hours**

**Maximum marks= 50
Practical =37
Internal assessment =13**

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

COURSE OBJECTIVES

- To gain the knowledge of client profile
- To impart knowledge about customers on order stitching
- To deal with customers
- To learn how to manage the boutique
- To gain the knowledge about measurement charts, specification sheets and cost sheet □□

INSTRUCTIONS FOR PAPER SETTERS:

- Question paper of consist of 3 questions and a candidate has to attempt 2 out of these.
Paper will be set on the spot by the examiner.
-

COURSE CONTENTS

- Prepare 2 garments for kid,2 for women & 1 for men on order with specialization in any one theme given below:
- With specification sheet, customer profile, specs sheets.
 - Party wear
 - Traditional wear
 - Office wear
 - Indo- western

BOOKS PRESCRIBED:

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

COURSE OUTCOMES :

- Co1. To gain the knowledge of client profile
CO2. To impart knowledge about customers on order stitching
CO3. To deal with customers
CO4. To learn how to manage the boutique
CO5. To gain the knowledge about measurement charts, specification sheets and cost sheet

**PROGRAMME: Bachelor of Vocation in (B.Voc.)
(Textile Design & Apparel Technology) (Semester-VI)
COURSE CODE: BVTD36104
COURSE TITLE: Portfolio Development
PRACTICAL**

**Credit hours (per week) =Pr 07hrs
Total hours (per Sem):Pr 105 Hours**

**Maximum marks: 100
Practical :75
Internal assessment: 25**

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

COURSE OBJECTIVES

- To develop portfolio for different type of audiences
- To rendering of different garments on the model with emphasis on the fabric, texture, color and style details
- To learn drapability of various garment styles in a variety of fabrics stitched and draped are observed and illustrated
- To provide the opportunity to demonstrate your skills and fit in a visual format
- To exhibit the student inclination towards and particular segment of the industry by identifying target customers, design requirements and pricing. □ □

INSTRCTIONS FOR PAPER SETTERS

- Question paper of Practical consists of 3 questions and a candidate has to attempt 2 out of these. Paper will be set on the spot by the examiner.

COURSE CONTENTS

- Portfolio based on theme
- Development of different Mood boards, Story Board, swatch board.
- Theme selection and design development.
- Customer Profile
- Compile portfolio with previous best work

BOOKS PRESCRIBED

1. Ireland, Patrick John, Fashion Design Drawing and Presentation, 1996, B.T. Batsford London.
2. Allen and Seaman, Fashion Drawing – the Basic Principles, 1994, B.T. Batsford, London.
3. Seaman, Julian, Professional Fashion Illustration, 1995, B.T. Batsford, London.
4. Drake and Nicholas, “Fashion Illustrations”, 1995, Thames and Husdon, London.
5. Abling Bina, Fashion Sketch Book, 2006, by Fairchild publication.

COURSE OUTCOMES:

CO1. To develop portfolio for different type of audiences

CO2. To rendering of different garments on the model with emphasis on the fabric, texture, color and style details

CO3. To learn drapability of various garment styles in a variety of fabrics stitched and draped are observed and illustrated

CO4. To provide the opportunity to demonstrate your skills and fit in a visual format

CO5. To exhibit the student inclination towards and particular segment of the industry by identifying target customers, design requirements and pricing

**PROGRAMME: Bachelor of Vocation in (B.Voc.)
(Textile Design & Apparel Technology) (Semester-VI)
COURSE CODE-BVTD36105
COURSE TITLE: Technical Surface Designing-II
PRACTICAL**

**Credit hours (per week) :Pr 04hrs
Total credit hours (per Sem):Pr 60 Hours**

**Maximum marks=50
Practical =37
Internal assessment =13**

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

COURSE OBJECTIVES:

- To know about the different printing methods.
- To get the knowledge about varies techniques of tie and dye.
- To learn the various methods of fabric painting
- To learn the quilting process
- To get the knowledge of embroidery stitches Instructions for the Examiner

INSTRUCTIONS FOR PAPER SETTERS:

- Question paper of Practical consists of 3 questions and a candidate has to attempt 2 out of these. Paper will be set on the spot by the examiner

COURSE CONTENT:

Prepare any five articles from below given techniques

- Stencil Printing
- Block Printing
- Screen Printing
- Tie and Dye
- Shibori
- Appliqué Work
- Sequin Work

BOOKS PRESCRIBED:

1. Indian Embroidery-Svitri Pandit
2. Bhatnagar ,Parul-Traditional indian Textiles
3. Abraham T.M ,Handicraft of India,Graphics Columbia,New Delhi,1964,Mulk Raj Anand Marg, Vol.VIII,1954
4. Textiles Arts of India,Kyoto Shoin

COURSE OUTCOMES

- CO1.To know about the different printing methods.
CO2. To get the knowledge about varies techniques of tie and dye.
CO3. To learn the various methods of fabric painting
CO4. To learn the quilting process
CO5. To get the knowledge of embroidery stitches

**PROGRAMME: Bachelor of Vocation in (B.Voc.)
(Textile Design & Apparel Technology) (Semester-VI)
COURSE CODE: BVTD35106
COURSE TITLE: Design and Display
PRACTICAL**

**Credit hours (per week) =Pr 04hrs
Total credit hours (per Sem):Pr 60 Hours**

**Maximum marks= 50
Practical =37
Internal assessment =13**

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

COURSE OBJECTIVES:

- To enable the students to organize exhibitions
- To learn how to prepare displays.
- To empower them to set up fashion boutiques
-

INSTRUCTIONS FOR PAPER SETTERS:

- Question paper of Practical consists of 3 questions and a candidate has to attempt 2 out of these. Paper will be set on the spot by the examiner

COURSE CONTENT:

- Layout design and illustration for different kinds of design and display (any four)
- Window display for a specific store boutique or shop
- Prepare Mood board and story board and props for display

BOOKS PRESCRIBED:

1. Ireland, Patrick John, Fashion Design Drawing and Presentation, 1996, B.T. Batsford London.
2. Allen and Seaman, Fashion Drawing – the Basic Principles, 1994, B.T. Bats ford, London.
3. Seaman, Julian, Professional Fashion Illustration, 1995, B.T. Bats ford, London.
4. Drake and Nicholas, “Fashion Illustrations”, 1995, Thames and Husdon, London.
5. Abling Bina, Fashion Sketch Book, 2006, by Fairchild publication.

COURSE OUTCOMES:

- CO1. To enable the students to organize exhibitions
CO2. To learn how to prepare displays.
CO3. To empower them to set up fashion boutiques

**PROGRAMME: Bachelor of Vocation in (B.Voc.)
(Textile Design & Apparel Technology) (Semester-VI)
COURSE CODE: BVTD36107
COURSE TITLE: Internship Report**

**Maximum marks= 50
Practical =37
Internal assessment =13**

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

COURSE OBJECTIVE:

- To enhance the industrial experience during training
- To understand develop and enhance professional awareness and communication skills.
- To learn how to work in formal working environment and the benefits of team work.
- To experience to understand, discuss and evaluate the professional issues relating to textile.

All the students will submit their Training Reports (in duplicate) within a period of one month in the department; this period shall be counted from the last date of completion of their training. The supervisor in the organization under whose guidance the training is carried out will be required to grade the student's report.

Each student will be attached with one internal faculty guide, with whom they shall be in continuous touch during the training period. The internal faculty guide will be required to evaluate (13 marks) on the basis of the assessment report provided by the organization where the Training has been completed and his/her own assessment about the work done by the student.

The evaluation of the remaining (37 marks) shall be evaluated on the basis of presentation and the assessment report received from the organization where student has under gone. Students can do their trainings in different areas of their interest- Garment Industry, Boutique, Fashion Stylist, Designer, fashion houses, Textile Industry.

COURSE OUTCOMES:

- CO1 To enhance the industrial experience during training
CO2 To understand develop and enhance professional awareness and communication skills.
CO3 To learn how to work in formal working environment and the benefits of team work.
CO4 To experience to understand, discuss and evaluate the professional issues relating to textile.

