

ADDMISSION-
CALL-0761-4007445/6541666/09425068494.
e-mailmnpedu@rediffe mail.com
www.maanarmadaedu.org

DETAILED SYLLABUS

FOR

DISTANCE EDUCATION

Under Graduate Degree Program

**Bachelor of Science in Fashion Design
(BSCFD)**

(SEMESTER SYSTEM)

Course Title : BSCFD
Duration : 03 Years (Semester System)
Total Degree Marks : 4800

1. Program Structure

First Semester

<i>COURSE TITLE</i>	<i>Paper Code</i>	<i>MARKS</i>				
		<i>THEORY</i>		<i>PRACTICAL</i>		<i>TOTAL MARKS</i>
		<i>INTERNAL</i>	<i>EXTERNAL</i>	<i>INTERNAL</i>	<i>EXTERNAL</i>	
Basic Fashion Concepts	BSCFD/S/110	40	60	40	60	200
Fundamentals of Textiles	BSCFD/S/120	40	60	40	60	200
Effective Communication Skill	BSCFD/S/130	40	60	NA	NA	100
Introduction to Yarn Craft	BSCFD/S/140	40	60	NA	NA	100
Computer Fundamentals	BSCFD/S/150	40	60	40	60	200

Second Semester

<i>COURSE TITLE</i>	<i>Paper Code</i>	<i>MARKS</i>				
		<i>THEORY</i>		<i>PRACTICAL</i>		<i>TOTAL MARKS</i>
		<i>INTERNAL</i>	<i>EXTERNAL</i>	<i>INTERNAL</i>	<i>EXTERNAL</i>	
Elements of Design	BSCFD/S/210	40	60	40	60	200
Introduction to Advanced Multimedia	BSCFD/S/220	40	60	40	60	200
Basic of Pattern Making	BSCFD/S/230	40	60	40	60	200
Study of Sewing Technology	BSCFD/S/240	40	60	40	60	200

Third Semester

<i>COURSE TITLE</i>	<i>Paper Code</i>	<i>MARKS</i>				
		<i>THEORY</i>		<i>PRACTICAL</i>		<i>TOTAL MARKS</i>
		<i>INTERNAL</i>	<i>EXTERNAL</i>	<i>INTERNAL</i>	<i>EXTERNAL</i>	
Concepts of Pattern Making and Stitching	BSCFD/S/310	40	60	40	60	200
Yarns to Fabrics	BSCFD/S/320	40	60	40	60	200
Classification of Fashion Areas	BSCFD/S/330	40	60	40	60	200

Fashion Illustration	BSCFD/S/340	40	60	40	60	200
----------------------	-------------	----	----	----	----	-----

Fourth Semester

<i>COURSE TITLE</i>	<i>Paper Code</i>	<i>MARKS</i>				
		<i>THEORY</i>		<i>PRACTICAL</i>		<i>TOTAL MARKS</i>
		<i>INTERNAL</i>	<i>EXTERNAL</i>	<i>INTERNAL</i>	<i>EXTERNAL</i>	
Fabric Preparation for Consumers	BSCFD/S/410	40	60	40	60	200
Basics of Embroidery	BSCFD/S/420	40	60	NA	NA	100
Import & Export Procedure	BSCFD/S/430	40	60	NA	NA	100
Financial and Management Accounting	BSCFD/S/440	40	60	40	60	200
Fundamentals of CAD Application	BSCFD/S/450	40	60	40	60	200

Fifth Semester

<i>COURSE TITLE</i>	<i>Paper Code</i>	<i>MARKS</i>				
		<i>THEORY</i>		<i>PRACTICAL</i>		<i>TOTAL MARKS</i>
		<i>INTERNAL</i>	<i>EXTERNAL</i>	<i>INTERNAL</i>	<i>EXTERNAL</i>	
Garment Manufacturing	BSCFD/S/510	40	60	40	60	200
Introduction to Merchandising	BSCID/S/520	40	60	40	60	200
Electronic – Commerce	BSCFD/S/511	40	60	40	60	200
Production & Operations Management	BSCID/S/521	40	60	40	60	200

Sixth Semester

<i>COURSE TITLE</i>	<i>Paper Code</i>	<i>MARKS</i>				
		<i>THEORY</i>		<i>PRACTICAL</i>		<i>TOTAL MARKS</i>
		<i>INTERNAL</i>	<i>EXTERNAL</i>	<i>INTERNAL</i>	<i>EXTERNAL</i>	
Quality Control Practices	BSCFD/S/610	40	60	40	60	200
Advanced CAD	BSCFD/S/620	40	60	40	60	200
Basic Consumer Information	BSCFD/S/630	40	60	NA	NA	100
Marketing and Advertising	BSCFD/S/640	40	60	NA	NA	100
Project	BSCFD/S/650	40	60	40	60	200

Syllabus

First Semester

I Basic Fashion Concepts

Subject Code - BSCFD/S/110

Block I: Fashion terminology

Unit 1:

Fashion industry language

Unit 2:

Fashion terminology

Unit 3:

Terminology of colors

Unit 4:

Fabric terms

Unit 5:

Fashion accessories terminology

Unit 6:

Common sewing terms

Block II: Fashion Evolution

Unit 1: Beginnings of costumes

Body Painting; Body Ornamentation

Unit 2: The Egyptian costumes

Attire for Men; Attire for Women; The Wigs; Beards; Crowns; Footwear; Ornaments; Colors; Jewellery and Accessories

Unit 3: The Grecian costumes

Chiton; Himation; Hair; Head-Dress; Ornaments; Colors; Foot wears; Toilette Accessories

Unit 4: The Roman costumes

Toga; Stole; Ornaments; Hair Styles; Footwear; Toilette Accessories

Unit 5: Effects of industrial revolution on costumes

Growth of Middle Class: Establishment of the Business Suit; Social Changes and Women's Fashion; Mass Production of Clothing: Invention of the sewing machine, Mass Production of Women's Separates; Changes Caused by Communications; Leisure and Industry: The first Fashion Magazines, Growth of Leisure Activities

Unit 6: Effects of world war on fashion

Women in the workforce; Important Trend setting designers: Paul Poiret, Gabrielle Chanel, Jean Patou; Retail Expansion; Effects of Depression; Hollywood's Influence on Fashion; Effects of World War II; Post War Fashion: American Fashion

Block III: Fashion Development

Unit 1: Fashion terms

Fashion Terms: Fashion, Change, Acceptance, Taste

Unit 2: Fashion cycles

Stages of the Fashion Cycles: Introduction, Increase in Popularity or Rise, Peak of Popularity or Culmination, Decline in Popularity, Rejection of a Style or Obsolescence; Length of Cycle: Classics, Fads, Cycles within Cycles, Interrupted Cycles, Recurring Cycles

Unit 3: Consumer groups

Fashion Leaders: Fashion Innovators, Fashion Motivators or Role Models; Fashion Victims; Fashion Followers; Fashion Leadership in Manufacturing and Retailing: Fashion forward stores, Main Stream Retailers, Mass Merchants

Unit 4: Adoption of fashion

Traditional Fashion Adoption or Trickle Down Theory; Reverse Adoption or Trickle-up Theory; Mass Dissemination or Trickle-Across Theory

Unit 5: Consumer buying

Consumer Motivations: To be Fashionable, To be Attractive, To impress others, To be accepted by Trends, Peer Groups or Colleagues, To fill an Emotional Need; Fashion Section; Aesthetic Appeal: Colour, Texture, Style; Practical Consideration: Price, Fit, Comfort, Appropriateness; Brand or Designer Label; Fabric Performance and Care; Quality; Convenience

Unit 6: Fashion categories

Women's Wear: Clothing Categories, Size Ranges, Styling and Price Range; Men's Wear: Clothing Categories, Styling, Price Ranges, Size Ranges; Children's Wear: Categories, Sizing, Styling, Price Ranges

Block IV: International Fashion

Unit 1: Introduction-global nature of fashions

International Fashion; Promotion and Licensing; Business Partners; Company Ownership

Unit 2: France

Haute Couture in France: Client, Publicity, Creative Opportunities; Couturiers; Federation Francaise De La Couture; Ateliers; Prêt-A-Porter in France: Prêt-A-Porter Designers

Unit 3: Italy

Milano (Milan); Italian Designers

Unit 4: The United States

The Seventh Avenue; Company size and Ownership; Globalization; International American Designers; Regional Fashion Centres: California

Unit 5: England

Savile Row; Women's Apparel; Designers

Unit 6: Germany and Canada

Designers of Germany; German Trade Fairs; Canada; Montreal; Quebec; Toronto; Ontario

II Fundamentals of Textiles

Subject Code - BSCFD/S/120

Unit 1: Introduction to textile fibers

Classification of fibers; Properties of fibers

Unit 2: Cotton

History of Cotton; Types of Cotton; Cultivation of Cotton; Evaluation of Cotton Fabrics

Unit 3: Linen

History of Linen; Quality and Grade of Linen; Cultivation of Linen; Evaluating Linen Fabrics

Unit 4: Wool

History of Wool Fibers; Classification of Wool Fibers; Manufacturing Process of Wool; Evaluating the Wool Fabrics

Unit 5: Silk

History of Silk; Manufacturing Process of Silk; Evaluating Silk Fabrics

Unit 6: Rayon

History of Rayon's; Basic Method of Producing Rayon Filament; Types of Rayon Manufacturing Process; Types of Yarns; Evaluating Viscose Rayon

Unit 7: Acetate and Triacetate

History of cellulose Acetates; Manufacturing Process of Acetate Filaments; Types of Acetate Yarns; Evaluating Acetate Fabrics; History of Triacetate; Manufacturing Process of Triacetate Yarns; Types of Triacetate Yarns; Evaluating Triacetate Fabrics

Unit 8: Nylon

History of Nylon; Manufacturing Process of Nylon; Manufacturing Process of Nylon 6.6; Manufacturing Process of Nylon 6; Types of Nylon Yarn; Evaluating the Nylon Fabrics

Unit 9: Aramid

History of Aramid; Manufacturing Process of Aramid; Types of Aramid Fibers; Evaluation of Aramid Fabrics

Unit 10: Polyester

History of Polyesters; Manufacturing Process of Polyester Fibers; PET polyester; PCDT polyester; Types of Polyester Yarns; Evaluating Polyester Fabrics

Unit 11: Acrylic

Manufacturing Process of Orlon Acrylic; Types of Orlon Acrylic Yarns; Evaluating Orlon Acrylic Fabrics; Manufacturing Process of Acrylian Acrylic; Types of Acrylian Acrylic; Evaluating Acrylian Acrylic Fabrics

Unit 12: Minor natural fibers

Different Minor Vegetable Fibers; Different Minor Mineral Fibers.

Unit 13: Identification of textile fibers

Non Technical Methods of Identification of Fibers; Technical methods of Identification of Fibers.

III Effective Communication Skill

Subject Code - BSCFD/S/130

Block I: Reading Skills

Unit 1: Reading Skills

What is reading; Purpose of reading; Reading as a skill; Types of a reading: Skimming, Scanning, Extensive Reading, Intensive Reading, Loud and Silent Reading

Unit 2: Reading Comprehension

Comprehension passage 'Braille' (writing system for the blind); Comprehension questions; Useful phrases (phrasal verbs)

Unit 3: Reading Skills

Short story – 'the baby sitter' by Norah Burke; Exercise in skimming and scanning; Comprehension; Vocabulary; Grammar and usage: Tenses: Remedial, Tenses: Past Perfect

Unit 4:

Passage for reading: five kinds of workers; Comprehension exercise I; Vocabulary; Writing a paragraph – guided composition; Exercise in writing–II; Giving instructions: cohesive words/linkers

Unit 5:

SQ3r technique of reading – Robinson; practice exercise - reading; comprehension from "know your English"; activity for practice in sq3r technique of reading

Block II: Listening Skills

Unit 1: Listening Skills

What is listening?; Listening as a skill; Types of listening; Obstacles for listening; Contexts of listening to English; Purposes of listening

Unit 2: Listening Skills

Recorded material; listening material; semantic markers; use of abbreviations; from notes to writing

Unit 3: Listening Skills

Static description: introduction; what is static description?; Process description; Practice of process description; Listening to the radio

Unit 4: Listening Skills

Asking the way; giving directions; listening skill (telephone conversation); structure of a telephone call; sensitization to language and its context

Unit 5: Listening Skills

Listening to conversations: Describing People, Expressing agreement/Disagreement; Language needed for discussion; ten keys for effective listening; more contexts: accepting invitations; declining invitation

Block III

Unit 1: Understanding the Order of Words in Sentences

What is a sentence?; Subject and predicate; The phrase and the clause; Parts of speech; The noun-L; The noun-LL; Articles; Verbs; Types of sentences : simple, compound, complex

Unit 2: Writing Paragraphs and Making Summaries

What is a text?; Linkage and cohesion; what is a paragraph?; Marking out cohesive linkers in paragraphs; Structure in writing; Pointers for making summaries

Unit 3: Essay and Précis Writing

What is an essay? /This is statement; Types of essays; Structure of an essay/appropriate focus for major and minor ideas; what is meant by précis writing?; Method or procedure for writing a précis; Uses of précis – writing

Unit 4: Basics of Official Correspondence

What is meant by correspondence?/ How to write general correspondence?; How to write official correspondence?; Format of a basic letter; General guidelines to follow; How to word different letters?; How to write a resume

Unit 5: Preparation of Bibliography

What is meant by bibliography ?; Different types of ordinary bibliography; The thesis or research paper format; Types of resources / a guide to preparing a bibliography; Footnotes and endnotes; Abstracts; How to use the library and other information sources

Unit 6: Written Presentation of Technical Material

Difference between technical and non-technical material; Jargon/styles in writing of technical material; Abbreviations; Tables and illustrations; Presentation of material; Copyright issues

Unit 7: Project Proposal and Preparation

Project proposal /thesis; Theme/topic; Objectives of study/hypothesis; Methodology/ case study; Data collection; Analysis of material

Block IV

Unit 1: Communication skills

What is communication? (Definitions); Purpose of communication; Function; process and models of communication; Components; Noise and barriers to communication; Different types of barriers

Unit 2: Types of Communication

Types of communication; Communication with words; Communication without words; Oral communication; Written communication; Non-verbal communication; How to improve written communication?; Improving oral communication; Electronic media in communication; Communication tools

Unit 3

Documents for internal communication in organizations; Writing memos; circulars and notices; Content of memos; Tips for writing circulars and notices; Report writing; Suggestions for report writing; Parts of a report; Principles of proof reading; Proof reading symbols; Common proof reading abbreviations

Unit 4: Oral Presentation

What is oral presentation ?; Making an effective oral presentation; Basic steps for oral presentation; Engle berg's approach; Visual aids; Using overhead projectors; Using slide projectors; Point to remember

IV Introduction to Yarn Craft

Subject Code - BSCFD/S/140

Unit 1: Spinning

Conventional Spinning: Blow room, Carding, Doubling, Combing, Drafting, Roving, Spinning; Modern Spinning: Open-end Spinning, Friction Spinning, Self twist Spinning, Electro static Spinning, Vortex Spinning, Air jet Spinning, Twist less Spinning; Chemical Spinning: Wet Spinning, Dry Spinning, Melt Spinning, Bicomponent Spinning, Biconstituent Spinning, Film splitting ; Integrated Composite Spinning: Integrated Composite yarns, Cover spun yarns, Selfil yarns.

Unit 2: Yarn Count or Yarn Numbering

Yarn Twist; Yarn Count or Yarn Numbering Systems

Unit 3: Types of Yarns

Classification of Yarns; Simple Yarns; Fancy Yarns; Textured Yarns;

Unit 4: Blending

Methods of Blending; Advantages and Disadvantages of Blending; Different Types of Blends Available In the Market

V Computer Fundamentals

Subject Code - BSCFD/S/150

Basics of Information Technology

Unit 1: Introduction to Information Technology

What is Information Technology; Data; Instruction and Information; Properties and Scope of Information; Information Economics; Information System; Types of Information System; Types of Information Computing Models; Internet

Unit 2: Introduction to Computers

Introduction to computer and associated terms; Computer; Input devices; Output devices; CPU - Central Processing Unit; Secondary Storage Devices; Hardware; Peripheral devices or peripherals; Terminal; Port; Advantages of a computer; Computers and its history; Data representation

Unit 3: Hardware

Central Processing Unit (CPU); Primary memory/storage; Secondary memory/storage; Microprocessor; Input devices; Output devices

Unit 4: Software

Software-Generations of languages; Compilers/Interpreters; Classification of software. Operating System; Computer Applications; Introduction to data files; Data processing; Types of data files; Data transfer

Ms-Windows

Unit 1: Windows Accessories

Special Features of MS-Windows; Parts of MS-Windows screen; WordPad; Ms-paint; Notepad; Calculator; Character Map; Phone Dialer.

Unit 2: Control Panel

Starting with Control Panel; Control Panel – Display; Mouse Properties; Keyboard Properties; Regional Settings; Printing

Unit 3: Multi-Tasking

Multitasking; Arranging the open application Windows; Cut and Paste; Object Linking and Embedding; Finding files and folders; My Computer; Windows Explorer; Creating a folder; Using Recycle Bin; Taskbar settings

Unit 4: Features of Windows

Types of systems; Functions of Operating Systems; DOS commands; UNIX operating system; Virus and Vaccine; Features of Windows 98; Display properties; Recycle Bin; Pre- Viewing the document with a quick view; Paths for window Accessories; Icon properties; Using the taskbar features; IMAGING; Saving folder display option; Web View; Using the web view wizard

MS-Windows XP

Unit 1: Windows XP Basics

Features of Windows XP; Comparison – Professional v Home edition; Windows XP Installation; Activating Windows XP; Security Feature of Windows XP; Accessing User Accounts; Getting Help; Installing a program under Windows XP

Unit 2: Windows XP Interface

Windows XP User Interface; Start Menu; Working with recently opened document; Tool Bar; Desktop; Window Explorer; Recycle Bin; Locating files; Windows Media Player; Image Format; Encryption File System; Automating window XP

Unit 3: Security and Networking

Simple file sharing; Advance security setting; Event viewer; Auditing Security; Internet Information Services; Peer to Peer Networking

MS-Word

Unit 1: MS-Word Basics

System requirements; Working with word; Parts of MS-Word screen; Creating a Document; Moving around the document; File operations; Editing the text; Formatting the text; Change case; Moving the text; Copying the text; Undo and Repeat; Function Icon and shortcut keys; Some shortcut keys for formatting; Exiting Word

Unit 2: Formatting

Paragraph Options; Drop cap; Borders and Shading; Bullets and Numbering; Tab Stop; Find; Replace and Go To; Spelling and Grammar; AutoText; AutoCorrect; Word Count; Text background; Breaks; Columns

Unit 3: Tables; Inserting Objects & Page Design

Table; Inserting Objects; Header /Footer; Footnotes and Endnotes

Unit 4: Mail Merge; Views; Printing & Creating Styles

Mail Merge; Views; Full Screen; Ruler; Zooming; Information; Printing and protecting the document; protecting the document; Style; Template

MS-PowerPoint

Unit 1: Introduction to PowerPoint

Invoking Microsoft PowerPoint; The Initial Screens; The Standard Toolbar; The Formatting Toolbar; The Drawing Palette; Getting ahead with PowerPoint; Slide Layouts; Getting more familiar with PowerPoint; Editing a Slide; Working with Slides; Slide Back Ground; Applying Templates; PowerPoint Views; Built-in Wizards

Unit 2: Working with Objects

Inserting the Clip Art Picture into Slide; Slide Show ; Using Slide Transitions; Text Build; Graphics; Creating Tables; Organization Chart; Animation; Inserting Sound in PowerPoint; Printing

MS-Excel

Unit 1: An Introduction to MS-Excel

Excel Basics; Worksheets Within Workbook; Cell; Navigate Worksheet; Enter and Edit Data; Range of Cells; Entering and Copying the Formula; Cell References; Setting the Column Width; Cell Formatting; Save; Close; New; and Open options; To View or to Hide Toolbars; Copying and Moving the Cell Content; Inserting Cells; Columns and Rows; Exit from Excel; Importance of Functions; Functions with Examples; Operator; Logical Functions; Auto Sum; Function Wizard

Unit 2: Cell Formatting; Fill Handle and Range Name

Cell Format Categories; Cell Content Alignment; Applying Font Format; Applying Cell Borders; Format Painter; Styles; Applying Background To Worksheet; Conditional Formatting; Auto Fill; Custom List; Range Names; Referring to Other Sheets of the Same Workbook; Referring to Worksheet in Other Workbook

Unit 3: Graphic Objects and Charts

Graphic Objects; WordArt; Types of chart; Coloring Different Parts of the Chart; Adding a Data Series; Chart Toolbar; 3-D Charts; Data Series With Drawing Objects; Combination Chart

Unit 4: Database, Pivot Table & Data Validation

Types of Database; Creating a Database; Data Form; Filtering Database Records; Data Sort; Data Subtotals; Database or D-Functions; Creating a Pivot Table; Refreshing a Pivot Table; Changing the Pivot Table Layout; Copying/Deleting the Pivot Table; Changing the Functions Used in the Calculations; Creating Pivot Tables Using External Databases; Validating Numbers; Dates; Time and Text; Validating Text; Validating With Lists; Custom Validation; Data Consolidation

Unit 5: Dynamic Data Range and Controls

Reference Function – OFFSET; Dynamic Data range; Dynamic Data range name; Index Function; Forms Toolbar; Creating and Using a list box; Combo Box (Drop down list box); Option Buttons; Check Boxes

Unit 6: Printing a Worksheet

File Protection; What is Analysis and Template; page sheet Setup; Previewing Worksheet Before Printing; Customizing Page Breaks; Worksheet Printing Options; Window; Protection; Auditing; Entering Information; Goal Seek; Data Table; Scenario Manager; Creating Template

Second Semester

I Elements of Design

Subject Code - BSCFD/S/210

Block I: Figure analysis

Unit 1: The eight head and the ten head theory

The eight head figure; Advantages of eight head figure; The ten head figure

Unit 2: Different types of figures

Normal figure; Abnormal figures; Methods of rectifying abnormal figures

Block II: Elements of Design

Unit 1: Colour

Concept of color; Dimensions of color; The color wheel; Colour harmony; Qualities of color; Philosophy of colors; Colour in clothing; Use of colors

Unit 2: Texture

Components determining color; Fashion in texture; Selection of textures; Characteristic features

Unit 3: Line

Straight line; Curved lines; Line movements; Mood of lines

Unit 4: Silhouette

Kinds of silhouettes

Block III: Principles of Design

Unit 1: Balance

Classification of balance

Unit 2: Rhythm

Methods to create rhythm; Types of rhythm

Unit 3: Emphasis

Methods of creating emphasis

Unit 4: Proportion

Basic law of proportion; Relationship with other elements

Unit 5: Harmony

Unity in clothing

Block IV: Design application

Unit 1: Design and motifs

Types of design; Types of motif; Naturalistic motif; Geometrical motif; Stylized motif; Abstract motif

Unit 2: Lay out and placements

Types of lay out

Unit 3: Ornamental motif

Spirals; scrolls; meanders and key patterns; Swastika; Animals and mythological motifs; The lotus and papyrus; The palmette; The acanthus and leaf scrolls; The celtic scroll; The rosette and intersecting circles; Twists; plaits and interlace motifs; Geometrical constructions

Block V: Design development

Unit 1: Fashion forecasting

Fashion forecasting; Market research; Evaluating the collection; Fashion services; Colour services; Video services; Web sites; Directories and reference books; fashion editing; Catalogues

Unit 2: Product development

Merchandising; Seasons; Product development flow chart

Unit 3: Design development

Groups; Items; Design elements; Design principles; Sketching ideas

Unit 4: Developing a sample

The first pattern; Designers work sheet; Line selection

II Introduction to Advanced Multimedia

Subject Code - BSCFD/S/220

(A) – Photoshop

Unit 1: Introduction

PhotoShop Environment; Toolbox and Tools; Bitmap images and Vector graphics; Image size and resolution: Pixel Dimension, Image resolution, Monitor Resolution, Printer Resolution, Screen Frequency, File Size; Working with Image Files: Open the image files, Print Resolution, Save the Image Files; Duplication and Cropping the Image; File Compression; Image File Formats; PhotoShop Images In Other Applications; Object Linking And Embedding (OLE); Palettes in Photoshop: Layer Palette, Channels Palette, Path Palette, History Palette, Action Palette, Picker Palette, Swatches Palette, Scratch Palette, Info Palette

Unit 2: Working with Colour

Colour modes and models: HSB model; RGB model: RGB mode; CMYK model: CMYK mode; * a * b model; Lab model; Bitmap mode; Grayscale mode; Dutone mode; Indexed color mode; Multichannel Mode; Colour gamut's; Monitor display: Channel and bit depth ; Conversion between bit depths; Conversion between Colour modes; Conversion between color modes: Conversion between Grayscale and Bitmap mode, Grayscale image to bitmap mode, Predefine bitmap conversion method, Halftone screens for bitmap-mode images, Custom halftone screen for Bitmap-mode image; Conversion to Indexed color; Conversion option for indexed color images; Indexed color tables

Unit 3: Drawing and Editing

Shapes; Work path; Shape layer; Creating a work path ; Creating rasterized shapes; Using the shape tools; Saving custom shapes; PEN TOOL: Drawing a straight segments; Drawing curve; Freeform tool; The magnetic pen ; Overlapping ; Path palette: Editing Path ; Selection of path segment; Moving; reshaping; deleting of path segments; Moving; reshaping; copying; and deleting path components;

Aligning and distributing path components; Editing of anchor points; Managing paths (Photoshop); Converting paths to selection borders; Adding color to paths (Photoshop); Painting tools; Brush tool; Customizing brush libraries; Creating and editing brushes; Setting brush options; Selecting a blending mode; Specifying opacity; pressure; exposure; Art history brush tool ; Retouching tool ; Smudge tool; Focus tools; Toning tools; Sponge tool; Erasing; Eraser tool; Magic eraser tool; Background eraser tool ; Auto Erase option; Gradient filling; Applying a gradient fill; Creating gradient fills; Intermediate colors to a gradient; Gradient transparency; Noise gradient fills; Managing gradients; Paint Bucket Tool; Filling & Stroking; Filling Patterns; To fill the work canvas; To fill a selection with a pattern; Transforming and Manipulating objects; Transforming objects in two dimensions; Transforming objects in three dimensions; Transforming perspective; Specifying the Transform; Applying transformations; Freely transforming and previewing effects

Unit 4: Layers, Channels, Masks

Layers; Layers sets; Layer Palette: Viewing and Selection of Layers; Linking Layers; Creating a Layered image ; Adding Layers; Duplicating of Layers; Grouping of Layers; Moving; Aligning the contents of Layers; Aligning & Distributing the contents of Linked; Editing of Layers; Locking of Layers; Clipping of Layers; Specifying Layer properties; Layer Style dialog box; Blending Options: Specifying Fill Opacity; Specifying Knock Options; Blending of Channels; Grouping Blend effects; Specifying range of Blend Layers; Layer Style; Displaying Layer Styles; Palette Styles; Managing Layer Style; Applying Layer Style; Channels and Masks; Channel palette; Selecting and Editing Channels; Managing Channels: Changing the order of Channels; Duplicating of channels; Splitting of Channels; Merging of Channels; Deleting of Channels; Mixing of Colour Channels; Adding Spot colors; Creating spot Channels; Modifying of Spot Channels; Channel Calculations to blend Layers and Channels; Blending Modes; Masks; Quick Mask Mode; Quick Mask Options; Storing Masks; Saving a Masks Selection; Alpha Channels

Unit 5: Filters for special effects

Plug-in Filters; Blending Filter Effects; Loading Images and textures; Types of Filters; Lighting Effects type; Choosing a Lighting Effects type; Lighting Effects; Texture

Unit 6: Text in Image Editing

Type tool; Paragraph Type: Type layers; Rasterizing Type Layers; Warping Type layers; Creating work path from type; Converting type to shapes; Formatting characters; Changing the case; Formatting Paragraphs; Aligning and Justifying type; Indenting Paragraphs; Paragraph Space; Hyphenation and Justification; Adjusting Hyphenation; Preventing unwanted word breaks; Adjusting spacing; Working with composition; Every line Composer; Single-line Composer

Unit 7: Image Ready

Animation; Image Ready; Animation Palette: Adding Frames; Selecting Frames; Tweening Frames; Specifying delay for Frame; Working with layers in Animations; Frame disposal method; Flattening frames into Layers; Viewing Animations; Optimizing Animations; Animated images in Photoshop; Saving Animations; Opening and Importing animation files

(B) – Corel Draw

Unit 1: Introduction

What is CorelDRAW?; Starting with CorelDRAW; Working with CorelDRAW;

Unit 2: Creating Graphic Objects and Drawing

Drawing Objects; Drawing Spirals; Drawing Lines and curves with the freehand tool; Lines and curves using the Bezier Tool; selecting an object; moving the objects; shaping the objects; working with colors; filling; outlining

Unit 3: Working With Text

Adding paragraph Adding paragraph text to fixed sized frames; Adding paragraph text to automatic sized frames; Text Conversion; Artistic text to paragraph text; Artistic text to curves; Adding; modifying and removing the text; Line thickness; Distance between line and text; Superscript; Subscript; Text Case; Text spacing; spacing after paragraph; text alignment

Unit 4: Transformation

Categories of transformation; skewing; mirroring; welding; blending; transparency; contouring; lenses; perspective; power clips; formatting; import dialogue box options

Unit 5: Object Organization

Cloning; grouping and ungrouping; combining and breaking; locking and unlocking; object manager; layer manager

Unit 6: New features of Corel Draw 10

Customization; tools; text handling; image optimizer; color and printing.

(C) – Internet; HTML & Multimedia**Unit 1: Introduction to Internet**

What is Internet?; Connecting to the Internet; Web Browsers; How does the Internet Work?; What you can do with the Internet; History of Internet

Unit 2: WWW; TELNET and FTP

World Wide Web; Search Engines; Helper Applications; Internet Relay Chat (IRC); Telnet; FTP applications

Unit 3: TCP/IP

TCP/IP ; Internet Standard; Domain Names and IP addressing; Setting up Internet on a PC.

Unit 4: Electronic Mail

Advantages of Electronic Mail; E-mail Addresses and Mail boxes; How E-mail Works?; E- mail Options E-mail Software; Micro-Soft Outlook Express; Netscape Messenger

Unit 5: HTML an Introduction

Introduction to URI; History of HTML; Structure of HTML document; Structuring your Web Page; Adding Comments; Formatting your Text; Creating Lists; Creating Hyper Text Links; Creating Definition List; Creating Link Lists; Inserting Inline Images; Creating Image Links; Horizontal Rules

Unit 6: WEB PAGE authoring using HTML

Objective; Tables; Frames; Forms

Unit 7: MULTIMEDIA

What is Multimedia? System Requirements; Sound; Voice Recognition; Creative Software Utilities for Multimedia; Graphics; Animation; Video; Multimedia Application

III Basic of Pattern Making**Subject Code - BSCFD/S/230****Unit 1: Tools and equipment**

Tools and equipments

Unit 2: Body measurements

Points to consider while taking measurements: Ladies measurements, Children measurements, Boys and men's measurements, Sample measurements

Unit 3: Pattern making

Drafting; Draping; Flat pattern technique

Unit 4: Sleeves

Classification of sleeves; making patterns for different types of sleeves: Set-in sleeves, Sleeve styles with modified armholes, Styles with bodice and sleeve combined, miscellaneous sleeves

Unit 5: Collars

Factors to be considered in designing collars; Classification of collars; Preparing for the different types of collars.

Unit 6: Skirts

Drafting different types of skirts: Plain short skirt with minimum flare, Gathered skirt, Pleated skirt, Long gored skirts, Circular skirts, Semi circular skirts, Miscellaneous styles

Unit 7: Yokes

Selection of yoke design; Creating variety in yoke design; Preparing patterns for different types of yokes: Partial yoke, Yokes without fullness, Yokes with fullness within yoke, Yoke supporting or releasing fullness

Unit 8: Pattern alterations

Identifying the pattern alterations needed; General principles of altering patterns; Common pattern alterations

Unit 9: Preparation of fabric for cutting

Different types of grains; Importance of grain; preparing the fabric for cutting; Methods of straightening the grain

Unit 10: Laying the patterns on the fabric, Cutting and marking

Lay out: Rules of lay out, Different types of lay out; Transferring the pattern markings; Fabric cutting

Unit 11: Garment fitting and assembly

Standards for good fit; Checking the fit of a blouse; Fitting techniques; Specific fitting problems and their remedies

IV Study of Sewing Technology**Subject Code - BSCFD/S/240****Unit 1: Sewing Machine**

Parts of sewing machine; Operating the machine; Adjustments; Care of the machine; Minor troubles and their causes; Sewing machine attachments; Different types of sewing machines; Needle and its parts

Unit 2: Stitches

Temporary stitches; Permanent Stitches; British standards for stitches

Unit 3: Seams and seam finishes

Types of seams and their choices; Different Common Seams; Seam finishes; British standards for seams

Unit 4: Fullness

Darts; Tucks; Pleats; Flares; Godets; Gathers and shirrs; Frills and ruffles

Unit 5: Facing and Binding

Different types of necklines; Bias; Facings; Binding

Unit 6: Plackets

Requirements of a good placket; Inconspicuous placket; Conspicuous plackets

Unit 7: Fasteners

Position of buttonholes; Types of button holes; Button loops; Types of buttons

Unit 8: Sleeves

Construction of different types of sleeves: Plain set in sleeve, Puff sleeve, Raglan sleeve, Kimono sleeve

Unit 9: Collars

Construction of different types of collars: Peter pan collar, Sailor collar, Shirt collar, Mandarin collar, Tie collar, Turtle neck collar, Shawl collar

Unit 10: Yokes

Attaching the yokes

Unit 11: Pockets

Types of pockets; Selection of the pocket; Creating variety in the pocket; Constructing different types of pockets: Patch pockets, Bound pockets, Pocket in seam, Front hip pocket

Unit 12: Hems

Preparing the hem; Types of hems

Unit 13: Mending

Darning; Patching

Third Semester

I Concepts of Pattern Making and Stitching

Subject Code - BSCFD/S/310

Block I: Pattern making

Unit 1: Patterns for Children garments

Romper; Baby frock with Peter Pan collar; Shorts with pleats; Shorts without pleats

Unit 2: Patterns for Female Garments

Simple top (plain sleeve; chudidar sleeves); Simple kameez; Simple salwar; Kali salwar; Chudidar; Night gown with front gathers; Night gown with gathers in the front and the back; Skirts; Simple collar shirt; Choli; Kitchen apron

Unit 3: Patterns for Male Garments

Trousers with pleats; Shirt

Unit 4: Dart manipulation

Combining darts; Dividing darts; Converting darts into seam lines

Unit 5: Draping

Draping of a form; Draping a plain blouse: the blouse front, the blouse back, the sleeve; Draping a two-gored skirt; draping a four-gored skirt;

Block II: Grading

Unit 1: Introduction to grading

Relevant terms of grading; Selecting a grading system; Criteria for selecting a grading system; Grading Techniques

Unit 2: Two-dimensional grading

Two dimensional draft grading; Two dimensional track grading

Unit 3: Three dimensional draft grading

Draft grading the basic blocks: Grading the back bodice, Grading the front bodice, Grading the sleeve block, Grading the skirt

Unit 4: Few tips to stitch knit fabrics

Preparing to sew; Stitching and handling

II Yarns to Fabrics

Subject Code - BSCFD/S/320

Unit 1: Introduction to weaving

Basic terms in weaving; History of weaving; Parts of the loom

Unit 2: Loom and types

Different types of looms: Shuttle looms, Shuttle less loom

Unit 3: Weaving

Preparation for weaving; Essential weaving operations; Selvages; Construction of cloth designs; Thread count; Classification of weave: Plain weave, twill weave, Satin weave, Crepe weave, Pile weave, Double cloth weave, Gauze weave, Swivel weave, Lappet weave, Dobby weave, Jacquard weave; Distinguishing warp and filling; Identifying right side of the fabric

Unit 4: Hand Knitting

Abbreviations of knitting; History of knitting; Knitting needles and yarn used for knitting; Steps in Knitting: Casting on, Basic stitches of knitting, Binding off; Knitted pattern stitches: Decreasing, Increasing, Working with color: Joining the color, Joining color within a row, Intarsia, Carrying the yarn across the back; The Gauze

Unit 5: Machine Knitting

Comparison of knitting with weaving; Construction of the knitted fabric; Different types of knitting needles; Classification of knitted fabrics: Weft knitting, Warp knitting; Milanese knit; Simplex knit; Jacquard knitting

Unit 6: Crocheting

Abbreviations used in crocheting; Crocheting hooks; Basic steps in crocheting; Basic crocheting stitches; Working in stripes; Working with two colors; Working in rounds; The basic square; Fillet crochet

Unit 7: Tatting

Abbreviations for tatting; Equipments required for tatting; Basic steps in tatting; Patterns in tatting

Unit 8: Decorative fabric construction

Knotting; Braiding; Netting; Lace; Embroidery

Unit 9: Felting and non-woven fabric formation

Felting: History of felting, Felting process, Types of felts, Properties of felt, Uses of felt; Non-woven fabrics: History of non-woven fabrics, Method of manufacturing non-woven fabrics, Web formation, Bonding the web, Properties of non-woven fabrics; Uses of non-woven fabrics

III Classification of Fashion Areas

Subject Code - BSCFD/S/330

Unit 1: Classification of Fashion

Classification of fashion; Principles of fashion; Misconceptions of fashion; Present structure of the fashion industry; Functions of clothing; Factors which affect fashion movement

Unit 2: Costumes of Middle Ages- France

Gallo roman period: Costumes of Gallo roman period, Accessories of Gallo roman period; Merovingian period: Costumes of Merovingian period, Accessories of Merovingian period; Byzantine period: Costumes of Byzantine period, Accessories of Byzantine period; 11th Century: Costumes of 11th Century; 12th Century: Costumes of 12th Century; Accessories of 12th Century

Unit 3: The Renaissance in France- 1500

Costumes of the Renaissance in France (1500); Head dress of the Renaissance in France (1500); Accessories of the Renaissance in France (1500)

Unit 4: The Renaissance in France (1600)

Costumes of Renaissance in France (1600); Accessories of Renaissance in France (1600); Hair styles of Renaissance in France (1600)

Unit 5: French Costumes (1700)

Costumes of French (1700); Accessories and hair styles of French (1700);

Unit 6: Colonial costumes in America

Colonial costumes in America; Hair styles and accessories of colonial period in America

Unit 7: American Costumes (1781-1900)

Costumes of America (1781-1900); Accessories of America (1781-1900)

Unit 8: American Costumes (1900-1920)

Costumes of America (1900-1920); Accessories of America (1900-1920)

Unit 9: American Costumes (1920-1940)

Costumes of America (1920-1940); Accessories of America (1920-1940)

Unit 10: American Costumes (1940-1956)

Costumes of America (1940-1956); Accessories of America (1940-1956)

Unit 11: History of Indian costumes

Stone age period; Indus valley period; Early Vedic period; Post Vedic period; Mauryan period; Gupta period ; Mughal period; British period; Modern age

Unit 12: Traditional costumes of India

Costumes of Northern and Western regions: Kashmir, Himachal Pradesh, Punjab, Haryana, Rajasthan, Gujarat, Uttar Pradesh and Bihar, Madhya Pradesh; Costumes of Southern region: Maharashtra, Karnataka, Andhra Pradesh, Tamilnadu, Kerela ; Costumes of Eastern region: Bengal and Orissa, Sikkim, Assam, Meghalaya, Tripura, Mizoram, Manipur, Nagaland, Arunachal

Unit 13: Traditional Indian textiles

Muslins; Dacca saris; Chanderi saris; Baluchar Buttedar; Kam Khawb; Bafta and Ab-i-rawan (Brocade); Bafta or pot thans; Ab-i-rawan; Himrus and Amrus; Paitahni and pitambar; Patola ; Bandhanis; Kalmendar or Kalamdar

IV Fashion Illustration**Subject Code - BSCFD/S/340****Unit 1: Introduction to Designing**

Stages of the designing process; Stages of drawing; Layout and presentation effects; First fashion magazine

Unit 2: Basic Anatomy

Skeleton; Muscles; interpreting anatomy; Block figures; Movement figure; Learning figure basics

Unit 3: Design Ideas I

Techniques of controlling fullness: Darts, Style lines, Yokes, Techniques of imparting fullness: Pleats, Tucks, Gathers, Shirring, Frills, Ruffles; Types of Necklines; Draping sleeves; Draping collars; Draping lapels; Cuffs; Drawing cascades; Drawing cowls; Drawing quilting; Drawing smocking; Details applied to the garment; Classic drape

Unit 4: Design Ideas II

Draping skirts: Draping skirts on the figure; Flared and Gathered Skirts; Hemline; Waistlines; Draping pants; Draping Pants on the Figure; Pockets

Unit 5: Drawing Female Figures

Drawing female figure free hand; Creating the profile figure; Profile pose; Achieving balance and movement; The fuller figure; Drawing legs: Form and shape; Drawing Arms: Form and Shape; Drawing hands; Posing hands for a fashion sketch; Drawing feet; Drawing the Head; Sketching women's jackets; Sketching women's tops and blouses; Sketching women's lounge wear; Sketching women's coats

Unit 6: Sketching Male Figures

Drawing men; Comparison of men and female figure; Learning men's figure basics; Men's fashion details; Drawing men's head; Drawing hair styles for men; Drawing men's shoes; Rotating arms and legs; Men's jackets and coats

Unit 7: Sketching Children Figures

Children age groups; Drawing children figure proportions; Drawing children's arms and legs; Drawing children's hands; Drawing children's legs and feet; Posing children figures; Dressing children; Drawing children's head; Hair styles for children

Unit 8: Sketching Accessories

Sketching Jewellery; Sketching sun glasses; Sketching hats; Detailing for other accessories

Unit 9: Design and Your Figure

Classification; Optical illusion with Lines; Selection of Cloth for Different Figures; Types of Designers; The Designer's Job; Sources of Inspiration for Designers; Essential Features for a Successful Design

Fourth Semester

I Fabric Preparation for Consumers

Subject Code - BSCFD/S/410

Unit 1: Mechanical Finishes

Classification of the finishing processes; Converting gray fabrics; Preparatory processes; Mechanical finishes: Singeing or gassing, Tenting, Crabbing, Decating, Calendaring, Beetling, Glazing, Schreinerizing, Embossing, Moiering, Ciering, Raising, Napping, Giggling, Shearing

Unit 2: Chemical Finishes

Bleaching; Mercerization; Ammoniating; Shrinking; Fulling; Stiffening; Weighting; Crepe and crinkled effect

Unit 3: Special Finishes

Shape retentive finish; Wrinkle-resistant finish; Wash and wear finish; Permanent press finish; Water repellency; Water proofing; Absorbency finish; Soil repellence; Soil release; Flame retardants; Moth proofing; Mildew proofing; Anti bacterial finish

Unit 4: History of Dyes

Indigo of ancient India; The purple of the ancients; Natural mordant dyes; Era of synthetic dyes; Fluorescent brighteners; Reactive dyes

Unit 5: Selection of dyes and dyeing method

Selection of dye: Natural dyes, Synthetic dyes; Selection of dyeing methods: Stock dyeing, Top dyeing, Yarn dyeing, Piece dyeing, Dope dyeing, Garment dyeing

Unit 6: Printing-I (Direct printing and Discharge printing)

Dyes used for printing; Classification of printing methods; Direct printing: Block printing, Roller printing, Duplex printing, Stencil printing, Screen printing, Transfer printing

Unit 7: Printing-II (Resist Printing)

Batik Dyeing: History of batik Dyeing, Process of Batik dyeing; Tie Dyeing: History of Tie dyeing, Process of Tie dyeing

Unit 8: Other Methods of Printing

Flocking; Marbling; Blotch printing; TAK Dyeing; Jet Spray painting: Polychromatic dyeing, Micro jet printing; Electrostatic printing; Photo printing; Warp printing; Air brush spray painting; Composition or paste designing

Unit 9: Denim-Processing

History of Denim; Processing Denim: Processing denim fabric, processing denim garment

II Basics of Embroidery

Subject Code - BSCFD/S/420

Unit 1: Sewing Equipments

Fabrics required for hand embroidery; Threads; Sewing equipment; Using different types of frames

Unit 2: Basic Hand Embroidery Stitches

Linear stitches; Filling stitches; Pattern stitches; Textural stitches; Buttonhole stitches; Threaded stitches; Bead work; Metal threads

Unit 3: Smocking

Materials required; Preparing the fabric; Smocking stitches; Finishing and stretching; Hints for smocking

Unit 4: Traditional Embroideries of India

History of Indian Embroidery; Kantha of Bengal; Embroideries of Gujarat; Chamba rumal of Himachal Pradesh; Kashida of Kashmir; Phulkari of Punjab; Chikankari of Uttar Pradesh; Kasuti of Karnataka; Zardozi work

Unit 5: Machine Embroidery

Types of machines; Preparation of the machine; Fabrics for machine embroidery; Threads for machine embroidery; Machine embroidery needles; Feet and attachments; Machine embroidery frames; Stitching; Different types of stitches

Unit 6: Quilting

Types of quilting: Wadded quilting, Corded quilting, Stuffed quilting, Shadow quilting

III Import & Export Procedure**Subject Code - BSCFD/S/430****Unit 1: Exports**

Exporting; Classification of Exports; Export Cycle; Quotas; Export Import Policies; Export Promotion Capital Goods Scheme (EPCG); Some Export Promotion Measures; Organizations Related to Export and Import; New EXIM Policy

Unit 2: Imports

Who Imports and Why; Import Buying Methods; Buying for Private Labels; Imports by Producers

Unit 3: Export and Import Procedures

Export Procedures; The Export-Import Policy; Export Promotion Councils; Exports and Imports Controls; Export documentation

Unit 4: Imports in Fashion Business

Regulation of Imports; The Multi-Fibre and Textile Arrangement; Bilateral Trade Agreements; New Country of Origin-Laws; Tariff duties on Imports; General System of Preferences; Tariff Schedule 807; The Caribbean Basin Initiative; Textile and Apparel Trade Enforcement Act of 1985; Global Sourcing: An International Fashion Mix

Unit 5: Export Promotion in Fashion

Organizational set up; Incentives; Production Assistance / Facilities; Import Facilities for Exporters; Export Oriented Units and Export Processing Zones; Benefits for EPZ/EOU Units; Export Houses and Trading Houses; Policies relating Indian export's of textile industry; Garment Exports from India; Future Scenario of the Clothing Industry; Quota policy

IV Financial and Management Accounting**Subject Code - BSCFD/S/440**

Block I

Unit 1: Introduction to Accounting

Meaning and Definition of Accounting; Functions of Accounting; Objectives of Accounting; Meaning and Definition of Book-Keeping; Features of Book-Keeping; Branches of Accounting; Kinds of Accounting Activities; Bases of Accounting; Users of Accounting Information; Principal Financial Statements; Elements of Financial Statements

Unit 2: Accounting Concepts; Conventions and Principles

Accounting Concepts; Accounting Conventions; Accounting Principles; Meaning of GAAP; Economic Value Added (EVA); Value Added Concept

Unit 3: Accounting Equation and Transaction Analysis

Assets and Liabilities; Effects of Financial Transaction on Accounting Equation; Transaction Analysis; Classification of Accounts

Unit 4: Systems of Book-Keeping

Single-entry System of Book-Keeping; Advantages of Single-entry System; Disadvantages of Single-entry System; Double-entry System of Book-Keeping; Advantages of Double-entry System; Disadvantages of Double-entry System; Different Terms Used in Book-Keeping; Accounting Cycle

Unit 5: Journal and Subsidiary Books

Meaning of Journal; Form of Journal; Cash Book; Cash Discounts; Petty Cash Book; Subsidiary Books

Unit 6: Accounting Mechanics: Ledger

Meaning and Definition of Ledger; Types of Ledgers; Posting; Form of a Ledger Accounts; Rules regarding Posting

Unit 7: Bank Reconciliation Statement

Meaning of Bank Reconciliation Statement; Need for Bank Reconciliation Statement; Reasons for Difference; Procedure for Reconciliation

Unit 8: Bill of Exchange

Specimen of a Bill of Exchange; Characteristics of Bill of Exchange; Parties to a Bill of Exchange; Advantages of Bill of Exchange; Acceptance of a Bill; Due Date or Date of Maturity of the Bill; Recording the Bill of Exchange; Journal Entries in Respect of Bill of Exchange

Unit 9: Financial Statements

Meaning of Financial Statement; Objectives of Financial Statements; Principal Characteristics of Financial Statements; Constraints on Relevant and Reliability Statements; Trading Account; Profit and Loss Account; Balance Sheet; Limitations of Financial Statements; Adjustments; Problems

Block II

Unit 1: Understanding Cost

Meaning of Cost; Classification of Costs; Statement of Cost or Cost Sheet; Valuation of W- I-P

Unit 2: Inventory Valuation & Control

Meaning of Inventory; Inventory Valuation; AS-2 and Inventory Evaluation; Inventories – Financial Statements; Inventory Control

Unit 3: Job, Batch and Contract Costing

Job Costing; Batch Costing; Contract Costing

Unit 4: Process Costing

Process Costing; Definition and Features of Process Costing; Preparation of Process Cost Accounts; Process Loss; Abnormal Gain; Joint Products and By-products; Accounting for Joint Products; Methods of By-product Accounting

Unit 5: Concept of Budgeting

Meaning of Budgeting; Budgeting and Forecasting; Concept of Budgetary Control; Budget; Budgeting; Budgetary Control; Classification of Budgets; Traditional Budgeting vs. Zero- Base Budgeting; Processes of Zero-Based Budgeting; Advantages of Zero-Based Budgeting; Disadvantages of Zero-Based Budgeting; E-budgeting; Benefits of E-budgeting

Unit 6: Marginal Costing and Break-even Analysis

Meaning of Marginal Costing; Definitions of Marginal Costing; Differentiation between Fixed and Variable Costs; Concepts of Marginal Costing; Break-even Chart; Preparation of Break-even Chart; Advantages of Break-even Chart; Limitations of Break-even Chart; Break-even Analysis; Advantages of Marginal Costing; Limitations of Marginal Costing

V Fundamentals of CAD Application

Subject Code - BSCFD/S/450

Unit 1: Introduction and application of AutoCAD

What is AutoCAD ?; What to Expect from AutoCAD; Minimum System Configuration Requirements; Introduction to System Variables; Sheet Set Over View; Getting Started with AutoCAD

Unit 2: Drawing Objects

The Line Command; The Construction Line Command; The Ray Command; The Polyline Command; The Rectangle Command; The Polygon Command; The Donut Command; The Circle Command; The Arc Command; The Ellipse Command; The Spline Command; The Point and Point Style Command; The Multilines Command

Unit 3: Object Selection; Snap & Grid; Object Snaps

Object Selection; Window Selection Crossing; Window Selection Implied Windowing; The Undo Option; Selecting All Objects; Fence Selection; Using a Previous Selection; Object Cycling; Adding and Removing Objects; Object Selection Settings; Object Sort Method; Snap & Grid; Object Snap

Unit 4: Modifying Objects

The Erase Command; The Copy Command; The Mirror Command; The Offset Command; The Array Command; The Move Command; The Rotate Command; The Scale Command; The Stretch Command; The Lengthen Command; The Trim Command; The Extend Command; The Break Command; The Chamfer Command; The Fillet Command; The Explode Command; The Divide Command; The Measure Command

Unit 5: Object Properties

Layers: The Layer Command; Creating a New Layer; Setting Colour and Linetype "ByLayer"; Setting the Colour of a Layer; Setting the Linetype of a Layer; Loading Line types; Making a Layer the Current Layer; Controlling Layer States; Turning Layers On and Off; Freezing and Thawing Layers; Turn Off or Freeze?; Locking and Unlocking Layers; Layers in Viewports; Renaming a Layer; Deleting a Layer; Purging Layers and Line types; Colors; Line types; The Linetype Command; Setting the Linetype Scale; Changing Object Properties; The Properties Command; The Match Properties Command; Editing with the Object Properties Toolbar

Unit 6: Dimensioning

Dimension Style Manager/Commands; The Linear Dimension Commands; The baseline Dimension Command; The Aligned Dimension Command; The Radius Dimension Commands; Angular Dimensions; Ordinate Dimensions; Leaders Dimensions; Editing Dimensions; Dimension Styles

Unit 7: UCSICON- Units & Scales; ISO Paper; Sizes; Drawing Aids

UCSicon; Units & Scales; ISO Paper Sizes; Drawing Aids; Function Keys

Unit 8: View Displays, Making Inquiries, Other Additional Tools

View Displays; Zoom & Pan; Making Inquiries about Objects and Drawing; Measuring the distance between two points; Other Inquiry Tools; Blocks

Unit 9: Introduction to 3DStructure

Why 3-D; 3-D CAD Terminology; The 3-D Co-ordinate System; Create 3D Solids

Unit 10: File Management

AutoCAD Templates File; AutoCAD File Formats (Printing and Plotting); Tables; Export; Transmit; Publish to web; Utilities; Send; Publish and e-Mail; Graphic Files; Slide; Script

Unit 11: Taking Hard Copy

Plotter Manager; The Printing and Plotting Process; Plot Dialog Box; Printing the Drawing; Plot to File; Plot Settings; Printers and Plotters; Plot Styles; Page Setups

Fifth semester

I Garment Manufacturing

Subject Code - BSCFD/S/510

Unit 1: Apparel Industry

Present scenario of the garment industry; Flow chart of the garment industry

Unit 2: Cutting Section

Pattern making; Marker Making: Planning for marker, Reproduction of the marker; Spreading: Requirements of the spreading, Methods of spreading; Cutting: Objectives of cutting, Cutting method; Bundling

Unit 3: Sewing Section

Seams and their properties: Seam types, Stitch types, Sewing machine feed mechanism, Sewing machine needle, Sewing threads; Sewing machinery: Basic sewing machinery, Simple automatics, Mechanized work places, Transfer lines

Unit 4: Components and Trims

Sewing thread; Labels and motifs; Linings and interlinings; Wadding; Lace; braid and elastic; Hook and loop fastening; Shoulder pads; Eyelets; Zip fasteners; Buttons

Unit 5: Alternatives of Sewing

Fusing: Requirements for fusing, General fusing conditions, The fusing process: The base fabric of interlining, Type of fusible resin, Mode of applying the resin to the base cloth; Fusing Equipment; Methods of fusing; Welding and adhesives; Moulding

Unit 6: Pressing of garments

Purpose of pressing; Method of Pressing; Varieties of pressing carried out in garment industry; Pressing equipment

Unit 7: Packing Section

Packing equipments; Process of packing; Overall safety measure in production of garment

II Introduction to Merchandising

Subject Code - BSCFD/S/520

Block I – Apparel Merchandising

Unit 1: Introduction to an Apparel Export Industry

Basic Structure of an Apparel Export Industry; Major Departments of an Apparel Export Industry: Merchandising Department, Sampling Department, Fabric Department, Cutting Department, Purchase Department, Stores, Production Department, Finishing Department, Documentation Department; Amenities in an Apparel Export Industry

Unit 2: Concept of Apparel Merchandising

What is apparel merchandising?; Process of apparel merchandising / merchandiser; Role of Merchandiser; Functions of Merchandiser; Responsibilities of a Merchandiser; Qualities of Merchandiser

Unit 3: Fashion Merchandising and Design Development

Fashion Merchandising: Merchandise Plan, Scheduling, Seasonal Lines / Collections, Groups; Fashion: Style, change, acceptance; Fashion Cycle; Clothing Categories; Design Development

Unit 4: Marketing Techniques

Purpose of marketing; Market Research; Marketing media or channels; Design Sources; Product and Range Development

Unit 5: Fundamentals of Textiles

Classification of textiles; Fabric or Cloth Construction; Fabric Defects; Shrinkage of Garments; Control of Shrinkage; Yarn manufacturing; Fabric Manufacturing

Unit 6: Accessories

Accessory management; Accessories- Labels; Buttons; Elastic; Zips; Threads; Packing materials

Unit 7: Costing

Components of a garment costing; Types of costing; Factors involved in costing; Details required for costing

Unit 8: Execution of an order

Execution of an order- Merchandising Plan; Sampling; Pattern making; Grading; Production marker; Spreading; Cutting; Preparation for and sewing; Finishing; Pressing; Packing

Unit 9: Documentation

Getting an Importer; Export Correspondence; Steps to Become Garment Exporter; Terms of Payment in International marketing; Export Rules/ Regulations; What does an exporter do before the contract is finalized? What does the exporter do before the contract closure? What does an exporter do when the L/C arrives? Inco terms & export finance

Unit 10: Total Quality management (TQM) and Quality Control

Indian textile sector; Statistical quality control; Garment inspection and measuring guide

Unit 11: The Strengths and Weakness of The Indian Apparel Industry

SWOT Analysis- Strengths; Weakness; Opportunities; Threats; A Look into US Textile & Apparel Imports

Block II: Visual Merchandising

Unit 1: Introduction to Visual Merchandising

Visual merchandising and display; Purpose of visual merchandising; Store image; Target customers; Seasonal visual merchandise; Windows

Unit 2: Elements and Principles of Design in Visual Merchandise

Design elements: Colour, Texture, Line; Design Principles: Balance, Emphasis, Proportion, Rhythm, Repetition

Unit 3: Display and Display Settings

Types of display; Promotion vs. institutional display; Type of display setting

Unit 4: Store and Window Settings

Exterior of the store; Window in store front design; Display window; Special windows

Unit 5: Light and Its impact on Colour

Types of lighting in the store: Primary lighting; Secondary lighting; Collared lights and filters; Planning store lighting

Unit 6: Mannequins

Types of mannequins; Alternatives to mannequin; Dressing up of mannequin

Unit 7: Attention Drawing Devices

Attention drawing devices: Colour; Lighting; Line and composition; Scale; Contrast; Repetition; Humour; Mirrors; Nostalgia; Motion; Surprise and shock; Props

Unit 8: Merchandise Display

Planning a display; Visual Merchandiser in store promotion; Scheduling the promotion

III Electronic – Commerce

Subject Code - BSCFD/S/530

Unit 1: Introduction to e-Commerce

Traditional commerce an over view; Information Technology and business; e-Commerce over traditional commerce: A glance; e-Commerce - Issues to Consider; Potential benefits of e-Commerce

Unit 2: Network Infrastructure for e-Commerce

Basic Blocks of e-Commerce; Networked computing infrastructure; Information Technology; Client/Server Architecture; Software Architecture and Standardization; Communication Services; Security; Trust and Electronic Payments; Data Sharing; Communications Middleware ; Scalability and Performance

Unit 3: E-Commerce and World Wide Web

Architectural framework for electronic commerce; Electronic Commerce application services; Business – to – Consumer Transactions; Business – to – Business Transactions; Consumer – to – Consumer transactions; EDI implementation; Interface and Support services; Secure messaging and structured document interchange services; Middleware services; World Wide Web as the architecture; Security and the Web

Unit 4: Electronic Payment Systems and security

Introduction to Electronic payment systems; A view of internet payment process; Smart cards and electronic payment systems; Credit card based electronic payment systems; Cybercast ; Secure Electronic Transaction; Risk and electronic payment system; Basic Issues in Internet Transaction Security; Security threats and solutions; Firewalls; Proxy; Cryptography; Symmetric cryptography; Asymmetric encryption; Digital Signatures; Certification Authorities; Digital Certificate

Unit 5: Advertising and marketing in internet

The new age of information based marketing; E marketing; Creating customer value online; Online benefits; New product trend; Buyers and seller's perspectives Unit 6: e-Commerce in Fashion Design Role of technology in fashion design; Internet And Fashion; Electronic Catalogues for Fashion Design; e-Commerce in textiles/ fashion industry ; Emerging B2C Business Models in the Fashion industry; Business-to-Business E-Commerce Models in the fashion industry; Performance Impact of B2Bs ; Impact of E-Commerce on Competitive Landscape of the Industry

IV Production & Operations Management

Subject Code - BSCFD/S/540

Unit 1: Basic Concepts

Definition of Production; Types of Production; Production Management; Objectives of Production Management; Operations Management; Production Management and Engineering; Operations Management and Operations Research; Production Organisation

Unit 2: Design and Product

The Competitive advantage of good design; Concepts comprise a package of products and services; The stages of Design from concept to specification; Requirements of a good design; Factors affecting product design

Unit 3: Product Life Cycle

Product life cycle stages; Market specific Product life cycles; The length of product life cycle; Diffusion of Innovations

Unit 4: Product Planning and Development

Meaning of the Product; Classification of Products; Product Development; Product Planning and Development System; Determinants of the Product Mix

Unit 5: Plant Location

Meaning and Definition of Plant Location; The problem of location; Need for plant location; Importance of plant location; Steps in plant location; Factors affecting plant location; Recent Trends in plant location

Unit 6: Plant Layout

Definition of Plant Layout; Need For Plant Layout; Objectives of Plant Layout; Principles of Plant Layout; Factory Layout; Machine Layout; Factors Influencing Plant Layout; Types of Plant Layout; Tools and Techniques for Plant Layout; Layout Procedure; Check List to Know the Effectiveness of a Plant Layout; Advantages of Plant Layout

Unit 7: Materials Handling

Meaning and Definition; Functions and Principles of Material Handling; Selection of Material Handling Equipment; Objectives of Material Handling; Steps in Analysing Materials Handling Problems; Basic Handling Systems; Advantages of Materials Handling System; Evaluation of Materials Handling Performance; Activity Areas of Materials Handling; Material Handling Cost; Unit Load Concept; Flow Pattern

Unit 8: Demand Forecasting

Types of Forecasting; Approach to Forecasting; Length of Forecasts; Forecasting Demand for New Products; Criteria of a Good Forecasting Method; Presentation of Forecast to the Management; Control or Management of Demand

Unit 9: Production Planning and Control (PPC)

Factors determining Production Planning Produces; Production Planning System; Production Control; Objectives of Production Planning and Control; Stages in Production Planning and Control; Principles of Production Planning and Control; Levels of Production Planning; Functions of Production Planning and Control Department; Production Planning Functions; Production Control Functions; Limitations of Production Planning and Control

Unit 10: Production Control and Scheduling

Production Control or Shop floor Activity Control; Operations Planning and Scheduling; Scheduling Techniques for Job Shop; Sequencing Models; Line Balancing

Unit 11: Dispatching and Follow-up

Dispatching; Dispatching In Continuous Production Systems;

Unit 12: Inspection

Meaning and Definition; Objects of Inspection; Organisation of the Inspection Department; Qualities of Inspector; Principles of Inspection; Inspection Standards; Duties and Responsibilities of Chief Inspector; Function of Inspection Department; Kinds of Inspection; Methods of Inspection; Problems of Inspection; Tools of Inspection

Unit 13: Plant Maintenance

Meaning and Definition; Need for Plant Maintenance; Importance of Plant Maintenance; Functions of Plant Maintenance; Types of Maintenance Functions; Organisation of Maintenance Department; Maintenance System; Types of Maintenance; Recent Trends in Plant Maintenance

Unit 14: Time, Motion and Work Study

Meaning and Definition of Motion Study; Elements of Motion; Rules of Human Motion; Micro-Motion Study; Merits of Motion Study; Meaning and Definition of Time Study; Use of Time Study; Time Study Procedure; Difference Between Time and Motion Study; Meaning and Definition of Work Study; Techniques of Work Study; Use of Work Measurement

Unit 15: Materials Management and Inventory Control

Meaning and Definition; Scope of Materials Management; Advantages of Materials Management; Types of Materials; Organisation of Purchase Department; Centralisation and Decentralisation of Purchase Department; Purchasing Procedure; Storage of Materials; Functions of Stores Department; Types of Store; Classification and Codification of Materials; Inventory Control; Techniques of Tools of Inventory Control; Recent Trends in Materials Management.

Sixth Semester

I Quality Control Practices

Subject Code - BSCFD/S/610

Unit 1: Introduction to quality control

Quality Control in Textile and Clothing Industry; Quality Control: Definitions, Quality and its Importance; Managing Quality: Managing Quality through Inspection, Managing Quality through Testing; Seven Tools of Quality; Standards of Quality Control: Benefits of Standards, Levels of Standards, Sources of Standards; British Standards of Interest to Garment Manufacturers; ISO Standards of Interest to Garment Manufacturers

Unit 2: Inspection- Preproduction Inspection

Fabric Inspection; Sewing Threads; Zippers; Buttons; Buckles and Snap Fasteners; Interlinings

Unit 3: Inspection- In process inspection

Spreading; Cutting; Sewing; Control of Embroidery Operation; Control of Fusing Operation; Pressing

Unit 4: Inspection- Final Inspection

Specification for Final Inspection; Requirements of Quality Inspectors; Sampling

Unit 5: Textile Testing-I

Precision and Accuracy of Testing; Atmospheric Conditions for Testing; Testing Yarns: Yarn Strength and Elongation, Yarn Number, Yarn Twist, Testing Strength of the Apparels; Stretch Properties of the Fabric; Dimensional changes in Apparel due to laundering and pressing; Durable Press Evaluation of Fabrics and Apparel; Sewability of Fabrics; Bow and Skewness

Unit 6: Textile Testing-II

Soil/Stain Release Testing; Abrasion Resistance; Water Resistance and Water Repellency; Colourfastness: Colourfastness to Washing; Colourfastness to Dry Cleaning; Colourfastness to Light; Colourfastness to Crocking; Colourfastness to Perspiration; Colourfastness to Abrasion; Colourfastness to Heat; Colourfastness to Burnt Gas Fumes; Colourfastness to Ozone; Flammability; Pilling; Snagging; Fabric Thickness

Unit 7: Textile Testing-III

Testing Bonded and Laminated Apparel Fabrics; Testing of Fusible Interlinings; Testing of Zippers; Testing Elastic Waistband Testing; Buttons; Snap Fasteners; Sewing Threads; Wear Testing

Unit 8: Shade Sorting

Fundamentals of color and color-measuring instruments; instrumental shade sorting.

II Advanced CAD

Subject Code - BSCFD/S/620

Unit 1: Advanced CAD Applications

Introduction to 2D; 3D pattern making: 3D tools, 3D animation and effects: Types of animations, Animation methods

Unit 2: Pattern Making through TUKA CAD-1

Setting working units, Piece information; Darts: Create darts, Multiply darts, Edit dart, Remove dart, Copy dart, Paste dart, Cutting dart, Rotate dart to point, Rotate around centre, Fix dart, Change dart; Pleats: Add pleat axe, Add by angle, Edit pleat, Remove pleat, Open selected pleat, Close selected pleat, create box or knife pleat, create multipleat; Piece view

Unit 3: Pattern Making through TUKA CAD-2

Report generation, Grids and guide lines: Show/hide grid, Show/hide stripes, Guide line parallel, Show/hide guide lines, Delete guidelines; Applying fabric motifs on pattern: fabric pattern, Show fabric full screen, Clip fabric pattern; Defining embroidery placement: Circle, Circle to contour, Text, Join contour, Extend internal, Divide contour, Trim internal

Unit 4: Grading through TUKA CAD

Grading size definitions, Stack grading, Nest grading, Grading proportionally, Variation table, Combination of variation table

Unit 5: Pattern Alterations through TUKA CAD

Point on; Move point; Move proportional; Move parallel; Move along; Moving points; Multi move; Align points

Unit 6: Marking Making through TUKA CAD

Setting of working units; Definitions of type of marker ratio; Block fusing and buffer addition: Block fuse, Smart block fuse, Contour block fuse, Buffer addition; Placement methodology; Automatic marker making: Start auto mark, Stop auto mark, Continue auto mark

Unit 7: Exercise for Pattern Making through TUKA CAD

Prerequisites, Making pattern through TUKA CAD

Unit 8: Pattern Alteration through TUKA CAD

Prerequisites, Pattern alterations through TUKA CAD

Unit 9: Exercises on Grading through TUKA CAD

Prerequisites, grading back bodice and sleeve

Unit 10: Exercises on Marking Making through TUKA CAD

Prerequisites, making marker though TUKA CAD

III Basic Consumer Information

Subject Code - BSCFD/S/630

Unit 1: Introduction to Consumer Information

Definitions; Need for consumer information; Constituents of Consumer Information

Unit 2: Consumer Goods - Specialized Fabrics For Apparel

Insulation Fabrics: Quilted Fabrics; Pile fabrics; Metallised fabrics; Imitation Sued Fabrics; Knit wear: Hosiery (Women's Hosiery - Men's Hosiery - children Hosiery –Casual Hosiery); Underwear; Outerwear

Unit 3: Consumer Goods - Fabrics For Home Furnishings

Sheets And Pillow cases; Blankets (Types & Styles); Terry Towels; Table Clothes; Carpets & Rugs (Types of Carpets); Carpet Care

Unit 4: Labelling

Important Definitions - What is FTC?

Part 1 - Permanent Care Labelling

What is covered under PCL; Exemptions; Contents of Care Label; Reasonable basis; Care Instructions For Washing and Dry Cleaning; Label Placement

Part 2 - Types of Labels

Fiber content label; Care label: Flammability label; Shrinkage label; Other common label terms

Part 3 - Various /systems of Care Labelling

American care labelling system; International care labelling system; British Care labeling System; Canadian Care labelling System; Japanese care labelling system; Dutch Care labelling system

Unit 5: Selection and Care of Clothing

Tips to select clothing for Various Groups; Women's clothing Solutions (Teens – Maternity wear etc); Men's Clothing Solution; Kids clothing Solutions; Safety Norms for children's Clothing; Care of Clothing (Brushing and Airing - Storage - Stain Removal - Dry Cleaning - Laundering).

IV Marketing and Advertising

Subject Code - BSCFD/S/640

Unit 1: Fashion Marketing- An Overview

Meaning; relation between fashion and marketing; Meaning of marketing; Practices in fashion marketing; Fashion marketing philosophies; Concepts of fashion marketing; Functions of fashion marketers, Process of fashion marketing.

Unit 2: Fashion Marketing Environment and Planning

Fashion marketing environment; Micro marketing environmental factors; Macro marketing environmental factors; Trends in fashion marketing environment; Size and structure of fashion market; Fashion marketing planning process.

Unit 3: Fashion Buyer Behaviour

Importance of fashion buyer; The process of fashion consumer decision making; Factors influencing fashion consumer decision, Organizational buyer

Unit 4: Market Segmentation & Targeting

What is market: meaning of mass marketing; Meaning of heterogeneous markets; Market segmentation: Levels of market segmentation, Bases of segmentation; Criteria of effective segments, Strategies of segmentation; Market targeting

Unit 5: Fashion Products and Related Issues

Meaning of product: Classification of products, Classification of fashion products; Fashion product development, The fashion product mix, Fashion product life cycle

Unit 6: Fashion Product Pricing

Factors influencing pricing decisions; Methods of pricing; Breakeven analysis; Pricing strategies for new fashion products

Unit 7: Fashion Product Distribution

Importance of fashion retailing; Structural issues in fashion retailing; Components of retail fashion industry; Trends in retailing; Internet and its importance in fashion distribution; The grey market; Retailing market effectiveness

Unit 8: Fashion Promotion

Definition of fashion communication; Components of promotion mix; Celebrity endorsement

Unit 9: Fashion Marketing Research

Meaning, importance, scope, functions, types of fashion marketing; Process of fashion marketing research: Define the research problem, estimate the value of information, Select the data collection approach, Select the measurement techniques, Select the sample, Select the method of analysis, Evaluate the ethics of the research; Estimate the time and financial requirements; Prepare the research proposal; Prepare the research proposal; Potential errors affecting research designs

Unit 10: An overview of advertisement in fashion industry

Meaning; Pros and cons of advertising; Objectives of advertising management: Useful models in setting advertising objectives, DAGMAR; Decision areas in advertising: Mission, Money, Message, Media, Measurement

V Project**Subject Code - BSCFD/S/650**

For the internship the students are required to go any garment industry for a period of 15-30 days and get trained in any one department of the garment industry and present a report.

3. List of reference books

Sl. No Title Author Publisher

- 1 Experimental Apparel Construction : Anita Stamper, Linda Donnell, Sue Sharp Fairchild Publications Laboratory Manual
- 2 Textiles Fibber to Fabric Bernard P Corbman McGraw Hill International Editions
- 3 Principles of Textile Testing J E Booth CBS Publishers & Distributors
- 4 Introduction of Clothing Production Management A J Chuter Blackwell Science Ltd
- 5 The Art of Fashion Draping Connie Amaden-Crawford Om Books International
- 6 Daksha'a Handbook for dressmaking and tailoring Daksha Raval Daksha Raval
Elliot B Grover, D S
- 7 Handbook of Textile Testing and Quality Control Hamby Wiley Eastern Limited
- 8 EMBROIDERY
- 9 Textile Science E.P.G. Gohl, L.D. Vilensky CBS Publishers & Distributors Harold Carr and Barbara
- 10 The Technology of Clothing Manufacture Latham Om Books Service
- 11 Fashion Buying Helen Goworek Om Book Service
- 12 Designing Patterns a fresh approach to pattern cutting Hilary Campbell Stanley Thornes (Publishers) Ltd
- 13 Fabric Science Joseph J Pizzuto revised by Arthur Price, Allen C Cohen Fairchild Publications
- 14 Professional Fashion Illustration Julian Seaman B T Batsford Ltd
- 15 Fashion Design on Computers M Kathleen Colussy Prentice Hall
- 16 Takeup Dressmaking Sue Whiting Merehurst Limited
- 17 Fashion as Communication Malcolm Barnard Routledge
- 18 Reach PDS Pattern Making and Grading
- 19 Introduction to Textiles Mary L. Cowan and Martha E. Tungerman Prentice Hall Mary Frances Drake, Janice Macmillan Publishing
- 20 Retail Fashion Promotion and Harrison Spooone, Herbert Advertising Company Greenwald
- 21 Visual Merchandising & Display Martin M Pegler Fairchild Publications
- 22 Fashion Files Fashion Marketing and PR Maria Costantino B T Batsford Ltd,London

- 23 Fashion Marketing Mike Easey Om Book Service Norma R. Hollen, Jane Macmillan Publishing
- 24 Textiles Saddler, Anna L. Langford Company and Sara . Kadolph Norma R. Hollen, Carolyn
- 25 Pattern Making by the Flat-Pattern Method J. Kundel Electra Grading for the Fashion Industry – The Patrick J Taylor and Martin Stanley Thornes theory and Practice - children with M Shoben (Publishers) Ltd Men's Wear
- 27 Fashion Design Illustration MEN Patrick John Ireland B T Batsford Ltd,London Pradip V Mehta, Satish K New Age International (P)
- 28 Managing Quality in the Apparel Industry Bhardwaj Ltd., Publishers
- 29 Traditional Embroideries of India Dr (Mrs) Shailaja D Naik A P H Publishing Corporation
- 30 Apparel Marketing & Merchandising Dr M S Sheshadri SKIIFT
- 31 Apparel Marketing & Merchandising Dr M S Sheshadri SKIIFT
- 32 Fashion Asia Douglas Bullis Thames & Hudson Tony Hines & Margaret
- 33 Fashion Marketing: Contemporary Issues Bruce Butterworth-Heinemann
- 34 Pattern Cutting for Women's Tailored Jackets: Classic and Contemporary Winifred Aldrich Om Book Service

ENGLISH

- 1 Cambridge Learner's Dictionary The Press Syndicate of the University of Cambridge
- 2 Voice & Articulation Kenneth C. Crannell W.Wadsworth
- 3 Voice & Articulation Kenneth C. Crannell W.Wadsworth
- 4 Business Correspondence and Report R C Sharma, Krishna Mohan Tata McGraw-Hill Writing Publishing Company Limited
- 5 Tele-Port (Reference Manual) e-Learning
- 6 Veta Fluent English Veta Amoha Education Private Limited