The course has been designed to provide an introduction to Computer Technology and its tools. The student will be able to understand the basics of Computer and its application. The student will be able to appreciate the role of Computer Technology, more specifically computer hardware, software and its application in the present social and economic scenario.

The course has focus on the following:
- Computer Organization.
- Computer Operating System and Software
- MS Windows, Word Processing
- Presentation Packages.

### CONTENTS

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1. **Computer Appreciation :**
   - Characteristics of Computers.
   - Input, Output, Storage units.
   - CPU, Computer System.

2. **Computer Organization :**
   - Central Processing Unit.
     - Control Unit.
     - Arithmetic Unit.
     - Instruction Set.
   - Register.
   - Processor Speed.
   - Memory
     - Main Memory.
     - Storage Evaluation Criteria.
     - Memory Organization.
     - Memory Capacity.
     - Random Access Memories.
   - Read Only Memories.
   - Secondary Storage Devices.
     - Magnetic Disk.
     - Floppy and Hard Disk.
   - Memory

2.3 **Input Devices**
   - Keyboard.
   - Mouse.
   - Trackball.
   - Joystick.
   - Scanner.
   - Optical Mark Reader.
   - Bar-code Reader.
   - Magnetic Ink Character Reader.
   - Digitizer.
   - Card Reader.
   - Voice Recognition.
   - Web Camera
   - Video Cameras.

2.4 **Output Devices**
   - Monitors.
   - Printers.
      - Dot Matrix Printers.
      - Inkjet Printers.
      - Laser Printers.
   - Plotters.
   - Computers Output Micro-Film (COM).
   - Multimedia Projector

2.5 **Computer Software**
   - Relationship between Hardware and Software.
   - System Software, Application Software, Compiler, Interpreter, Names of some high level languages.
   - Applications of Computer

3. **Operating System :**
   - Microsoft Windows
     - An overview of different versions of Windows.
     - Basic Windows elements.
     - File Management through Windows.
4. **Word Processing**

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<thead>
<tr>
<th>Section</th>
<th>Credits</th>
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<tbody>
<tr>
<td>4.1 Word Processing Concepts.</td>
<td>5</td>
<td>39</td>
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<tr>
<td>4.2 Saving, Closing, Opening an Existing Document.</td>
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<td>4.3 Selecting text, Editing text.</td>
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<tr>
<td>4.4 Finding and Replacing text.</td>
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<tr>
<td>4.5 Printing Documents.</td>
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<tr>
<td>4.6 Creating and Printing Merged Documents, Mail merge</td>
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<td>4.7 Character and Paragraph Formatting, Page Design and Layout.</td>
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<td>4.8 Editing and Proofing Tools; Checking and correcting spellings.</td>
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<td>4.9 Handling Graphics.</td>
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<td>4.10 Creating Tables and Charts.</td>
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<td>4.11 Document Templates and Wizards.</td>
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5. **Presentation Package**

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<tr>
<th>Section</th>
<th>Credits</th>
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<tbody>
<tr>
<td>5.1 Creating. Opening and Saving presentations.</td>
<td>3</td>
<td>24</td>
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<tr>
<td>5.2 Creating the look of presentation.</td>
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<td>5.3 Working in different Views, working with Slides.</td>
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<td>5.4 Adding and formatting Text, Formatting Paragraphs.</td>
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<td>5.5 Checking Spelling and Correcting Typing Mistakes.</td>
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<td>5.6 Making Notes, Pages and Handouts.</td>
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<td>5.7 Drawing and Working with Objects.</td>
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<td>5.8 Adding Clip Art and Other Pictures.</td>
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<td>5.9 Designing Slide Shows.</td>
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<td>5.10 Running and Controlling a Slide Show.</td>
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<td></td>
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<tr>
<td>5.11 Printing Presentations.</td>
<td></td>
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</tbody>
</table>

**REFERENCE BOOKS:**

1. **Foundations of Computing**
   - P.K. Sinha and P. Sinha,
   - First edition, 2002
   - BPB publication.

2. **Microsoft office 2000 for Windows**
   - S. Sagman,
   - second Indian print, 2001
   - Pearson education.

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**COMMUNICATION SKILLS IN ENGLISH**

**CODE CD 102**

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<tr>
<th>Code</th>
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**RATIONALE**

The students seeking admission to the diploma courses do not have the required proficiency in English. It has, therefore, been decided to introduce English and Communication Techniques to help them to attain proficiency in the subject.

**CONTENTS**

1. **Narration, Voice, Basic Sentence Patterns.** (Nine basic sentence patterns)
2. Transformation of Sentences, Determiners, Preposition.
3. Tenses, Common errors (Noun, Pronoun, Articles, Adverb, Punctuation, Preposition etc.)
4. **Modals in Conversational Usage, Prefix, Suffix, Idioms & Phrasal verbs:**
   - **Modals**
     - Can, Could, Should, Will, Would, May, Might, Must, Need not, Dare not, Ought to, Used to.
   - **Phrases**
     - At all; In stead of; In Spite of; As well as; Set up; Up set; Look up; Call off; Call out; Come across; Set right; Look other.
   - **Idioms**
     - Work up (excite); Break down; Stand up for; Turn down; Pass away; Pass on; Back up; Back out; Carry out; Done for (ruined); Bring about; Go through; Ran over; Look up (improve); Pick out (selected).
5. Composition - 1. Unseen Passage, Precis Writing
7. Essay Writing - Essays on general and topics related to environmental problems.
PRACTICALS

We envisage two successive stages for attaining skill in communication ability;
1. Listening
2. Speaking
We can club them together as shown above.

1. Listening : 6
1.1 For improving listening skills the following steps are recommended,
1.1.1 Listen to Prerecorded Tapes
1.1.2 Reproduce Vocally what has been heard
1.1.3 Reproduce in Written form
1.1.4 Summarise the text heard
1.1.5 Suggest Substitution of Words and Sentences
1.1.6 Answer Questions related to the taped text
1.1.7 Summarise in Writing

2. Speaking : 6
2.1 Introducing English consonant-sounds and vowel-sounds.
2.1.1 Remedial exercises where necessary
2.2 Knowing Word stress
   Shifting word stress in poly-syllabic words
   [ For pronunciation practice read aloud a para or page regularly while others monitor]

3. Vocabulary : 10
3.1 Synonyms. Homonyms. Antonyms and Homophones
3.2 Words often confused, as for example,
   [I-me; your-yours; its-it's; comprehensible-comprehensive; complement-compliment]
3.3 Context-based meanings of the words, for example,
   3.3.1 man[N] man[vb]; step[N],step[vb]
   3.3.2 conflict _________Israel Palestinian conflict
       Emotional conflict, Ideas conflict
   3.3.3 learn ———  1 learn at this school
       I learnt from the morning news

4. Delivering Short Discourses : 15
4.1 About oneself
4.2 Describing a Place, Person, Object
4.3 Describing a Picture, Photo.

5. Group Discussion : 15
5.1 Developing skill to initiate a discussion [How to open]
5.2 Snatching initiative from others [Watch for weak points, etc.]

6. Expand a topic-sentence into 4-5 sentence narrative. 8
Note:
1. The Medium of teaching and examination will be English.
2. The Question on Essay Writing (Unit-7) will be compulsory. The student will have to attempt one essay out of two, touching the given points on general/ local topic related to environmental problems.
3. At least one question will be set from each unit.
4. No theory question will be set from syllabus of practicals.

REFERENCE BOOKS

1. Intermediate English Grammar Raymond Murphy,
   Pub: Foundation Books,
   New Delhi
2. Eng. Grammar, usage & Composition Tickoo & Subramanian
   Pub: S.Chand and Co.
   Pub: Longman
   (and its Exercise Books) Pub : ELBS

* * * * *

THEORY OF FASHION - I

CODE CD 103

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RATIONALE

This subject provides a basic idea of Fashion traditional craft to the students of designing. The contents of the subject are such that the students are able to understand the basic contents and will be able to solve problem on garments production.

CONTENTS

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<thead>
<tr>
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<tbody>
<tr>
<td>1. Fashion as an Art and Industry.</td>
<td>6</td>
<td>2</td>
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<tr>
<td>2. Art Elements and Principles :</td>
<td>18</td>
<td>6</td>
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<tr>
<td>2.1 Definitions</td>
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</table>
3. Measurement Charts: 
   3.1 Applicability and Importance
   3.2 Standardization for Garment Industry, (I.S.I. standards)

4. Technical Terms Related to: 
   4.1 Dress Designing
   4.2 Drafting and Cutting
   4.3 Stitching and Finishing

5. Tools for Clothing Construction: 
   5.1 Measuring Tools
   5.2 Marking Tools
   5.3 Cutting Tools
   5.4 Pressing Tools
   5.5 General Tools

6. Paper Patterns: 
   6.1 Introduction
   6.2 Definition
   6.3 Types
   6.4 Importance
   6.5 Consideration while making Paper Pattern.

7. Marking to the Fabrics: 
   7.1 Tracing Wheel and Carbon Paper
   7.2 Tailor's Chalk
   7.3 Thread Tacking
   7.4 Tailor's Tack
   7.5 Clip Marking

8. Precautions to be taken while working with different kinds of fabric: 
   8.1 Layout - (Plain, Printed, Striped, Checks)
   8.2 Marking - (Cotton, Synthetic, Woollen, Pile)
   8.3 Cutting - (Cotton, Synthetic, Woollen, Pile)
   8.4 Stitching - (Silk, Pile, Denim, Synthetic, Woollen)
   8.5 Finishing - (Light Weight, Medium Weight, Heavy Weight, Knitted Fabrics)

9. Preparation of Material Before Cutting: 
   9.1 Checking the Grain of the Fabric
   9.2 Straightening
   9.3 Shrinking
   9.4 Pressing
   9.5 Identification of warp weft and selvedge

REFERENCE BOOKS:
1. Treasure of Indian Textiles Marg Publication Bombay
2. The Encyclopedia of World Fashion Bonza Books N.York
4. Traditional Indian Textiles Thomas and Hudson

RATIONALE
Embroidery gives creative, decorative and ornamental effect on dress. The student learns a variety of stitches and can decorate the costume using them.

It gives knowledge about appropriate tools, equipments and suitable fabrics for embroidery to create designs through various transferring methods.

CONTENTS

1. Study of Basic Hand Embroidery Stitches: 
   1.1 Flat
   1.2 Looped
   1.3 Crossed
   1.4 Knotted

2. Articles Based on Above Mentioned Stitches: 
   2.1 Hankies
   2.2 Dressing table mats
   2.3 Table covers

3. File based on hand embroidery stitches.
REFERENCE BOOKS:
1. Embroidery                        Ksynia Marko
2. Teaching Needle Craft            Wan Nostrand Remhold Co.
4. The Complete Book of Knitting    Crokhet and Embroidery
                                      Marshall Canvendish
7. Embroidery                       William Collins & Sons &
                                      Colid London.

* * * * *

FASHION ILLUSTRATIONS - I

RATIONALE
Drawing is the language of a designer. A student should be able
to read and understand human sketches and this has great importance and
relation to the garment construction.

CONTENTS

1. Line Sketches in Pencil and Ink :
   1.1 Boys and Girls       24
   1.2 Ladies              24
   1.3 Gents               24
2. Brief idea about Drawing Tools and Materials. 6
3. Colour and Colour Schemes (Charts only).   12
4. Sketches of :
   4.1 Flowers and Twigs    36
   4.2 Trees and Foliage
5. Sketches Related to Boys / Girls / Ladies / Gents :
   5.1 Necklines           48
   5.2 Collars             48
   5.3 Sleeves             48
   5.4 Yokes               48
   5.5 Bows and Ties       48
   5.6 Caps and Hats       48
   5.7 Pockets             48
   5.8 Belts               48
6. Sketches of Boys / Girls / Ladies / Gents Garments in
   Pencil, Wax, Crayon, Ink Water and Poster Colours. 54

MARKET TRENDS & STUDY

RATIONALE
The student after studying the subject will be able to prepare
estimate of particular garment with the help of this survey. Student can
create new styles according to changes in fashion.

CONTENTS

1. Prepare a sample file and survey report according to the
   following topics and write its identifications such as nature,
   suitability with cost, general care and identification tests of
   the fabrics :
   1.1 Different types of Cotton Fabrics         9
   1.2 Different types of Synthetic Fabrics      9
   1.3 Different types of Woollen Fabrics        12
   1.4 Different types of Sheer Fabrics          12
   1.5 Different types of Silk Fabrics           12
   1.6 Different types of Lining and Interlining with
       its proper utility.                   9
   1.7 Collection of various types of accessories 12
   1.8 Different types of Jute, Velvet, Canvas, Brocade,
       Lace (net), Namda and Pile fabrics. 15
REFERENCE BOOKS :
1. Soft Furnishing  Manga Books
2. Ready Set Sew  The Butterick Sewing Books
3. Fabric Source & Marketing Bombay  (Monthly Magazine)
4. Textile Fiber & Their Care  Dhuntyagi
5. Furnishing Fabrics  Thomas & Hudson London
6. The Dictionary of Needle Work  Blaketon Hall England

***

BASIC SEWING TECHNIQUES
CODE CD 107  L  T  P
--  --  3

RATIONALE
The subject may be considered as the backbone for the students of fashion. Sewing is related with basic garment construction which will be taught to students through this subject. Apart from these construction aspects, student will know the different decorative techniques. After going through this subject, the students will be capable in understanding all other stitching related subjects.

CONTENTS

Note: Brief theoretical knowledge should be given before practical.
1. Introduction of Sewing Machine with Hand, Tradle and Electric motor :  6
   1.1 Basic Parts and Attachments
   1.2 Functions
   1.3 Defects and Remedies
2. Basic Hand Stitches :  6
   2.1 Temporary Stitches : Basting even, Uneven, Diagonal & Slip basting.
   2.2 Permanent Stitches: Running stitch, Hemming, Slip stitch, Back stitch, Run and Back stitch, Over casting, Over handing, Whipstitch.
3. Seams and Seam Finishes :  9
   3.1 Seams - Types of seams working of common seams
   Plain seam, Top stitched seam Welt seam, Lapped seam, Slot seam, Flat fell seam, French seam, Mantua maker's seam, Piped seam.
   3.2 Seam Finishes : Pinned, Edge stitched, Double stitched, Over cast, Herring bone stitch, Bound seam
4. Introducing Fullness :  24
   4.1 Darts : Decorative and Functional darts
   4.2 Pleats : Knite Pleats, Box Pleats, Inverted Pleats, Kick Pleats, Fan Pleats, Cartridge Pleats, Pinch Pleats.
   4.3 Tucks
   4.3.1 Pin Tucks - Piped or Corded tucks, Cross Tucking
   4.3.2 Wide tucks - Blind Tucks, Spaced Tucks, Shell or Scalloped Tucks, Group Tucking with Scallop effect.
   4.4 Gathers
   4.4.1 Gathering by Hand
   4.4.2 Gathering by Machine
   4.4.3 Gathering by using Elastic
   4.4.4 Shirring and Gauging
4.5 Frill or Ruffles
   4.5.1 Double Ruffle
   4.5.2 Circular Ruffle
   4.5.3 Flounces and Waffles
5. Facing and Bindings :  6
   5.1 Facing - Bias facing, Shaped facing, Decorative facing.
   5.2 Bindings - Single Bias Binding, Double Bias Binding, (Preparation and uses of True Bias, Cutting and Foaming Bias Strips)
6. Plackets and Openings :  9
   6.1 Continuous Bound Placket
   6.2 Bound and Faced Placket or Two Piece Placket
   6.3 Zipper Placket
   6.4 Tailored Placket or Shirt Sleeve Placket
   6.5 Bound Neck Opening
   6.6 Centre Front Opening
7. Pockets :  9
   7.1 Patch Pockets
   7.2 In seam Pockets
   7.3 Cut Pockets
8. Fasteners: 6
   8.1 Button & Button holes
   8.2 Hooks & Eyes
   8.3 Snaps
   8.4 Zip
   8.5 Velcro

9. Trimmings: Laces, Braids, Ribbon, Piping. 9

10. Hem Finishes: 6
    10.1 Stitched and Turned hem
    10.2 Seam Binding Hem Finish
    10.3 Catch Stitches Hem
    10.4 Narrow Machine Stitched Hem
    10.5 Rolled or Whipped Hem
    10.6 Shell Edged Hem for Circular or Flared Skirts.

Note: Samples file should be prepared as listed above.

REFERENCE BOOKS:
1. Sew it Nancy Bruning
2. Sewing of Golden Hands Marshal Cendarish
3. Sewing Jean Kimmod
4. Singer Sewing Book Singing Sewing Company
5. Sewing Ana Ladbury
6. Introduction to Dress Making Marshall Cavendish
7. The Art of Sewing Anna Jaqueb

* * * *

DRAFTING AND GARMENT CONSTRUCTION - 1
CODE CD 108
   L  T  P
   2   --  8

RATIONALE
Fashion always changes but the principles of garment cutting remains the same. With the help of these principles, hundreds of new styles and designs can be created according to change in fashion.

CONTENTS
Note: All Contents are related to children wear.
1. Measurement charts for children wear 2 6
2. Definition, Scope, Elements, Methods & Importance of Drafting 8 12
3. Types of measurements:
   3.1 Direct
   3.2 Indirect
4. How to take and record body measurement.
5. Preparation of Child's basic Bodice Block, Sleeve Block and Hip Block.
7. Making Drafts and Samples of the following:
   7.1 Sleeves
      7.1.1 Set-in
      7.1.2 Raglan
      7.1.3 Megyar
      7.1.4 Puff
      7.1.5 Bell
      7.1.6 Leg o'motton
   7.2 Collars:
      7.2.1 Peter pan
      7.2.2 Shirt
      7.2.3 Stand
      7.2.4 Swinging
5. Drafting, Pattern Making, Estimation and Layout 14 100
   cutting of all the garments:
   8.1 Jhabla with Panty
   8.2 Baba Suit
   8.3 Frock (different types)
   8.4 Dungarees
   8.5 Night Suits

REFERENCE BOOKS:
1. Metric Pattern Cutting for Children Wear Winifud Aldrish
2. Dress Fitting B.S.P. Profession
3. Vogue Fitting Harper & Raw
4. Singer Sewing Book Singer Company
5. Make your Own Dress Pattern Brenda Redmile
6. The Art of Sewing Anna Jaqueb.

* * * *
**COMPUTER APPLICATION - II**

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**RATIONAL**

The course has been designed to provide an introduction to Computer Networks, Internet and Internet Accesses, Electronic mailing system, Worksheets concepts, Branch related software application. The student will understand the basic Web terminology. The students will able to access Internet, send & receive emails, searching and managing data on worksheet.

**CONTENTS**

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1. **Branch Related Applications and Softwares :** 5 15
   1.1 Only for Costume Design & Dress Making Students
      • Corel Draw / Photoshop
   1.2 Only for Textile Design Students
      • Corel Draw / Photoshop
   1.3 Only for Commercial Art Students
      • Corel Draw / Photoshop
   1.4 Only for Beauty Culture Students
      • Cosmopolitan/ Photoshop
   1.5 Only for Interior Decoration Students
      • 3D- Home / Autocad

2. **Computer Networking :** 4 8
   2.1 Need of networks.
   2.2 Types of Network-LAN, WAN, MAN etc.,
   2.3 Topologies of LAN - Ring, Bus, Star, Mesh and Tree topologies,
   2.4 Components of LAN -Media, NIC, NOS, Bridges, HUB, Routers, Repeater and Gateways,
   2.5 Modem - Working and characteristics,
   2.6 Types of Connections - Dialup, Leased Lines, ISDN,

3. **Internet Basic :** 5 15
   3.1 Evolution.
   3.2 Protocols.
   3.3 Interface Concepts.
   3.4 Internet Vs Intranet.
   3.5 Growth of Internet.
   3.6 Internet Service Provider.
   3.7 URLs and Domain names.
   3.8 Portals and Applications.

4. **Electronic Mail (E-mail) :** 5 20
   4.1 Concepts
   4.2 POP and WEB Based E-mail
   4.3 Merits.
   4.4 Address.
   4.5 Basics of Sending & Receiving.
   4.6 E-mail Protocols.
   4.7 Mailing List.
   4.8 Free Email services.

5. **World Wide Web (WWW) :** 4 14
   5.1 History and Working.
   5.2 Web Browsers, and Its functions.
   5.3 Concept of Search Engines.
   5.4 Searching the Web.
   5.5 Web Servers.
   5.6 Web Protocols.

6. **Spreadsheet Package :** 7 18
   6.1 Spreadsheet Concepts.
   6.2 Creating, Saving and Editing a Workbook.
   6.3 Inserting, Deleting Work Sheets.
   6.4 Entering data in a cell / formula.
   6.5 Copying and Moving data from selected cells.
   6.6 Handling operators in formulas.
   6.7 Functions; Mathematical, Logical, Statistical Text, Financial. Date and Time Functions, using Function Wizard.
   6.8 Formatting a Worksheet: Formatting cells changing data alignment, changing date, number, character, or currency format, changing font, adding borders and colors.
   6.9 Printing worksheet.
   6.10 Charts and Graphs- Creating, Previewing, Modifying Charts.
   6.11 Integrating word processor, spread sheets, web pages.

**NOTE:**

1. Above concept may be illustrated using internet. Student should practice on internet for needful searching, text & voice chatting etc. Student are required to practice on MS-Excel and branch related software's.
2. From topic no.1 "Branch Related Applications & Software" No question will be asked in theory paper. The Questions from this topic will be incorporated in practical examinations of respective branches.

REFERENCE BOOKS :
1. O level Module -M 1.2- Internet V.K.Jain, & web page designing BPB Publications.

*** ENVIRONMENTAL STUDIES ***

CODE CD 202  L  T  P
BC 202/CA 202/ ID 202/ TD 202  2  --  2/2

RATIONALE
Environmental study is a subject as per directions of Supreme Court / Govt. of India. Under Act. 51 A (g) of our constitution it is our fundamental duty to protect our environment.

A diploma holder must have knowledge of different types of pollution so that she may help in balancing the eco system and controlling pollution by pollution control measures. She should also be aware of environmental laws related to the control of pollution.

CONTENTS

1. General : 5
1.1 Biotic and abiotic environment.
1.2 Adverse effects of Environmental Pollution
1.3 Control strategies
1.4 Various Acts and Regulations

2. Water Pollution : 10
2.1 Water Quality Standards
2.2 Surface and underground water sources
2.3 Impurities in water and their removal
2.4 De-fluoridation
2.5 Adverse effects of domestic waste water and industrial effluent to surface water sources
2.6 Eutrophication of lakes
2.7 Self purification of streams

3. Air Pollution : 10
3.1 Sources of air contaminants
3.2 Adverse effects on human health
3.3 Measurement of air quality standards and their permissible limits
3.4 Measures to check air pollution
3.5 Greenhouse effect
3.6 Global warming
3.7 Acid rain
3.8 Ozone depletion

4. Solid Waste Management : 5
4.1 Introduction to solid waste
4.2 Its collection and disposal
4.3 Recovery of resources
4.4 Sanitary land-filling
4.5 Vermi-composting
4.6 Hazardous waste management

5. Land Pollution : 5
5.1 Soil conservation
5.2 Land erosion
5.3 Afforestation

6.1 Basics of species
6.2 Biodiversity
6.3 Population dynamics
6.4 Energy flow
6.5 Ecosystems

7. Social Issues and the Environment : 5
7.1 Sustainable development and Life style
7.2 Urban problems related to energy
7.3 Resettlement and rehabilitation of people
7.4 Environmental ethics
7.5 Consumerism and waste products

8. Water Harvesting and Rural Sanitation : 10
8.1 Water harvesting techniques
8.2 Different schemes of Rural Water Supply in Rajasthan
8.3 Rural Sanitation
8.4 Septic Tank
8.5 Collection and disposal of wastes
8.6 Bio-gas
8.7 Community Awareness and participation

9. Miscellaneous : 5
9.1 Non-Conventional (Renewable) sources of energy
9.2 Solar energy, Wind energy, Bio-mass energy, Hydrogen energy

Practical work : P
1. Visit to local air polluted site 6
2. Visit to local water polluted site 6
3. Visit to local area to document environmental assets-mountain / desert / river / forest 6
4. Study of local birds, plants, insects 3
5. Plantation work 3
6. Environmental awareness campaign through exhibitions 6

Note: After visits/ study, the students will prepare posters, charts, reports for exhibitions / presentations.

REFERENCE BOOKS :
1. Patyavaran Shiksha Dr. A.N. Mathur, Dr. N.S. Rathore
& Dr. V.K. Vijay
2. Patyavaran Adhyayan Dr. Ram Kumar Gujar
Dr. B.C. Jat
3. Patyavaran Avabodh Dr. D.D. Ojha
4. Environmental chemistry S.S. Dora
5. Ecology concepts and pollution control : Manuel C. Muller
6. Environmental protection Emil T. Chanlett
7. Environmental science Cumingham. Saigo
9. Introduction to Environmental Engineering & Science Gilbert M Masters
   Prentice Hall of India, 1995
11. Ecology 1975 Odum
12. Environmental Engineering Peavy, Rowe, Tehobaniglum
14. Environmental Technologies for Dr. Upendra Pandel
    Sustainable Development Dr. M.P. Poonia
15. Environmental Pollution & Management V.K. Kohli & Vikas Kohli
16. Patyavaran विनाश के कमाण पर राजीव गुप्ता
17. Patyavaran जीवों का अंगन प्रेमानन्द चंदलोला
18. Patyavaran (सैनिक) पर्यावरण एवं वन मंत्रालय, नई दिल्ली
19. Panda, New letter WWF-India, New Delhi

Recommended faculty for teaching the subject: Faculty of Civil Engineering or M.Sc. in Environment or PG Diploma in Environment and Sustainable Development.

* * * * *

THEORY OF FASHION – II

CODE CD 203 L T P

RATIONAL

This subject provides a basic idea of human anatomy and role of a designer to the students of Fashion. The contents of the subject are such that the students are able to understand the basic concept of art selection of garments, care and storage etc and will be able to solve the problems related to the field.

CONTENTS

1. History of Indian Dresses :
   1.1 Ancient
   1.2 Medieval
   1.3 Modern

2. Anatomy for Designer :
   2.1 Joints and Muscles
   2.2 Growth and Development
   2.3 Eight Head Theory
   2.4 Types of human figures

3. Traditional Indian Textiles and Costumes :
   3.1 Rajasthan
   3.2 Bengal
   3.3 Punjab
   3.4 Uttar Pradesh
   3.5 Gujarat
   3.6 Himachal Pradesh
   3.7 Jammu and Kashmir

4. Selection of Dress According to :
   4.1 Occasion
   4.2 Occupation
   4.3 Climate
5 Selection of Special Fabrics:
  5.1 Bed sheets and Bed cover
  5.2 Pillow cover
  5.3 Table cover
  5.4 Table Napkins
  5.5 Towel
  5.6 Curtains and draperies
  5.7 Blanket
  5.8 Carpet
  5.9 Upholstery

6 Care and storage of cotton, Linen, Wool, Silk, and Synthetic fabrics:
  6.1 Brushing and Airing
  6.2 Clean Storage
  6.3 Stain Removal
  6.4 Immediate Repairing
  6.5 Appropriate laundry procedure (above mentioned fabrics)

7 Readymade Garments:
  7.1 Introduction
  7.2 Basis of Selection of Ready-made Garments
  7.3 Merits and Demerits

REFERENCE BOOKS:
1. Paushak Nirman Ke Siddhant Pramila Verma
2. Indian Costumes and Textiles Jagdish Mittal
3. History of Indian Dress Longman
4. Vogue Fitting Harpes & Raw Publisher New York

***

SURFACE ORNAMENTATION - II
CODE CD 204

RATIONALE
Traditional and Typical Embroidery gives an insight to the traditions and cultural aspects of one country and the student gets knowledge of the subject which they can use to create new patterns. This holds a great importance in the field of fashion.

CONTENTS

1. Traditional Indian Embroidery:
   1.1 Kashida Kari
   1.2 Phulkari
   1.3 Chiken kari
   1.4 Kantha
   1.5 Kasuti
   1.6 Kutch
   1.7 Chamba Rumal

2. Typical Embroidery:
   2.1 Smocking
   2.2 Shadow work
   2.3 Assisi work
   2.4 Black work
   2.5 Cut work
   2.6 Drawn and pulled thread work
   2.7 Ribbon work
   2.8 Patch work
   2.9 Applique work Zordugi
   2.10 Zardozi

3. Preparation of sample file as listed above.

4. Articles (Minimum three):
   4.1 Dupatta
   4.2 Sofa back
   4.3 Cushion Covers
   4.4 Baby bed sheet
   4.5 Wall picture

***
REFERENCE BOOKS:
1. The Dictionary of Needlework  Sophia Carlfield
2. Teaching Needle Craft  Thomas Hudson
3. The Art of Kantha Embroidery  Niaz Zaman
4. Chamba Rumals  A.K. Bhattacharya

FASHION ILLUSTRATIONS - II

CONTENT

1. Casual Wear- No of sketches-15  21
2. Formal Wear- No of sketches-15  30
3. Prepare two Posters of Collage on Fashion Figures According to Suitable Material.  12
4. Design and Paint Dresses on Fashion Figures According to Fabric Swatches.  18
5. Illustration of different types of Fabrics:- Plain, Printed, Checks, Dots, Striped and Textured in Suitable Medium.  24
6. Computer Aided Dress Designing and Application of Fashion of Different Poses Using Illustrator, Photoshop or other Related Software.  40

REFERENCE BOOKS:
1. How to Draw & Paint Fashion  Walton T. Foster
2. Women's Hi Fashion  Pioneer Books Company
3. Hi Fashion  Hema Malini
4. Fashion Design Illustration Women  Patric John Ireland
5. Advance Fashion Sketch Book Vol. I  Bina Abling
6. Advance Fashion Sketch Book Vol. II  Bina Abling

KNITTING

CONTENT

1. Introduction and Importance of Knitting Yarns.  3
2. Measurement charts for Children, Ladies and Gents.  3
3. Make sample file of the following by Machine :  30
   3.1 Basic Stitches
   3.2 Figure Knitting
   3.3 Different types of Borders
   3.4 Different types of Sleeves
   3.5 Different types of Plackets
   3.6 Different types of Necklines
   3.7 Different types of Pockets
   3.8 Different types of Collars
   3.9 Letter Knitting
   3.10 Fancy Stitches (Slip, Cable, Lace, Cross, Loops and Bubbles)
4. Knit the following Articles by Machine :  84
   4.1 Socks and Booties
   4.2 Caps and Hats
   4.3 Muffler
4.4 Frock
4.5 Pullover and Cardigan
4.6 Furnishing items (any two)

REFERENCE BOOKS
1. Knitted Clothing Technology  Bracken buty
2. The Harmony Guide to Colourful Machine Knitting  Harmony

FASHION ACCESSORIES

DRAFTING & GARMENT CONSTRUCTION – II

CODE CD 208

RATIONALE
For a garment to be truly attractive, it should fit well. To achieve a good fit for ladies garments it is necessary to go through the drafting details.

CONTENTS
1. Measurement Chart for Ladies.  2 3
2. Drafting for Ladies Garments with Instructions  6 9
3. Drafting pattern making of all the following garments according to fashion  12 48
   3.1 Casual wear  3 to 5
   3.2 Formal wear  3 to 5
4. Estimation and layout, cutting, stitching, finishing  24 150 of all the above listed garments.
5. Fitting problems and alterations in ladies garments  6 6
6. Dart manipulation by Slash and Pivot method  6 6
7. Define and explain the following terms  2 12
   7.1 Mending
   7.2 Darning
   7.3 Patching
   7.4 Renovation
8. Practice of any one garment with draping method  2 6

REFERENCE BOOKS:
1. Cutting & Tailoring – Part – 1- 2  Ishwari & Anwari
2. Encyclopaedia of Dress Making  Raul Jewel
3. The Art of Fashion Draping  Connie Amaden
4. The Technology of Clothing Manufacture  Harlod Carr

* * * * *
PROFESSIONAL MANAGEMENT AND ENTREPRENEURSHIP

Rationale
To achieve the targets and goals in an organisation, it is essential to co-ordinate the entire system. For this process the knowledge of principles of management, personnel management, material management and financial management is required.

As the opportunities for wage employment are reducing day by day, Govt. of India realised for the development of entrepreneurship. To make aware the students of different branches of diploma courses, can be learn how to equip themselves for setting up a small scale industry of their own area of study. This course includes the procedure for how to select, proceed and start the small scale industry.

CONTENTS

1. Meaning and Scope of Business :
   1.1 Definition
     1.1.1 Profession
     1.1.2 Trade
     1.1.3 Industry
   1.2 Objectives of business and profession.

2. Types of Business Organisation :
   2.1 Brief description
   2.2 Advantages and disadvantages of
     2.2.1 Individual
     2.2.2 Partnership
     2.2.3 Cooperative, private
     2.2.4 Public limited organisations
   2.3 Characteristics of small business
   2.4 Business ethics
   2.5 Organisation charts.

3. Management Techniques :
   3.1 Leadership
   3.2 Authority
   3.3 Responsibility
   3.4 Functions of Management.

4. Quality Control:
   4.1 Meaning
   4.2 Importance of keeping standard
   4.3 Factors, responsible for deviation from standards.
   4.4 ISO and ISO-9000 to 9006
   4.5 Total quality management.

5. Financial Management :
   5.1 Sources of finance
   5.2 Brief idea of
     5.2.1 Cash and credit
     5.2.2 Cheques
     5.2.3 Drafts
     5.2.4 Bill of exchanges
     5.2.5 Promissory note.

6. Marketing :
   6.1 Basic concept
   6.2 Market research
   6.3 Market promotion
   6.4 Branding
   6.5 Packaging
   6.6 Pricing
   6.7 Planning and development
   6.8 Advertisement media and effectiveness.
   6.9 Sales forecasting
   6.10 Marketing mix
   6.11 Pricing policy
   6.12 Sales promotion and salesman ship.
   6.13 After sales services
   6.14 Complaints and their redress

7. Material Management :
   7.1 Function and duties of purchase department
   7.2 Purchase order
   7.3 Contracts
     7.3.1 Legality of contracts
     7.3.2 Types of contracts
   7.4 Tenders
     7.4.1 Types of tenders
     7.4.2 Tendering procedure
     7.4.3 Earnest money
     7.4.4 Security money.
7.5 Function and duties of store department
   7.5.1 Receipt and issue procedure of materials
   7.5.2 Physical verification of store safety in stores.

8. Human Relations :  
   8.1 Motivating the employees
   8.2 Inter personnel relations
   8.3 Grievances and their handling
   8.4 Staff requirement
   8.5 Training monitoring

9. Foreign Trade :  
   9.1 Export procedure
   9.2 Channels of distribution in export trade
   9.3 Export promotion
   9.4 Registration of firm/factory in R.B.I, AEPC or others.

10. Need and Scope of Entrepreneurship :  
    10.1 Need, Scope and characteristics of entrepreneurship.
    10.2 Assistance of small scale industries from national level organisations like SIDO, SIS, NSIC, NRDC, KVIC
    10.3 Assistance of small scale industries from State level organisation like DOI, DIC, RSEB, RFC, SISI, RHDC,
        pollution control board, Rajasthan khadi & village industries board, commercial banks etc.
    10.4 Facilities to women entrepreneurs.
    10.5 Special to demand based, resource based, service based,
        import substitute, export promotion, trading at consultancy ventures.

11. Project Formulation Process :  
    11.1 Steps in planning a small scale industry
    11.2 Structure of a project report
    11.3 Analysis of sample project reports
    11.4 Preparation of project report
    11.5 Techno-economic & feasibility of the project.
    11.6 Financial sources for SSI-Loan from State Govt. by RFC,
    11.7 Credit facilities by banks.
    11.8 Rules & Regulations :
        11.8.1 Licensing & registration procedure
        11.8.2 Important provisions of Factory Act

11.8.3 Shop & commercial Establishment Act
11.8.4 Sale of goods Act
11.8.5 Partnership Act

11.9 Income tax, Sales tax & Excise rules -
   11.9.1 Municipal bye laws
   11.9.2 Insurances coverage.

Note: Entrepreneurship awareness camp should be arranged for 3 to 4 days at a stretch. No question will be asked in the examination from the topics under Entrepreneurship Awareness Camp.

Entrepreneurial Awareness Camp:  
Topics to be covered in the camp
1. Who is an entrepreneur?
2. Need for entrepreneurship, entrepreneurial career and wage employment.
3. Scenario of development of small scale industries in India.
4. Entrepreneurial history in India, Indian values and entrepreneurship.
5. Assistance from District Industries Center,
   Commercial banks, State Financial Corporation, Small Industries Service Institutes, Research and Development laboratories & other financial and development corporations.
7. Opportunities for business, service & industrial ventures.
8. Learning from Indian experiences in entrepreneurship (Interaction with successful entrepreneurs).

The camp can be arranged by the institution itself with the help of other agencies such as RIICO, Science & Technology Department, Rajcon, DOI etc.

REFERENCE BOOKS:
1. Hand Book of Small Scale Industry  P.M. Bhandari
2. Hand Book on Entrepreneurship Development O.P. Harkut
3. Entrepreneurial Development S.S. Khanka
4. Statistical Quality Control Mahohar Mahajan
6. ISO :14000
7. Organization & Management of Small Scale Industries Desai J.V.
   Himalaya, Bombay,1985
9. The Story of an Entrepreneur M. Nath, IMT Monograph
10.  Small Industry Entrepreneurs Hand book  Mohan K.R.,
    Services International  Bombay
11.  Hand Book of Entrepreneurship  Rao & Pareek,
     Learning System 1978  New Delhi,

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**TEXTILE FABRICS**

**CODE CD 302**

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**RATIONALE**

This subject is essential for a Costume Design student. Textile is related to "Fibre", "Yarn" and "Fabric" which may be taught to the student through this subject. With the help of this knowledge, use of textile design is helpful in costume design, & the student will be able to handle the fabric in a better way.

**CONTENTS**

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1. **Textile Fibres** :
   1.1 Meaning and Definition of Textile Fibres.
   1.2 History & Development of Fibres.
   1.3 Classification of Fibres:
   1.3.1 Natural Fibres
   1.3.1.1 Animal Fibres
   1.3.1.2 Vegetable Fibres
   1.3.1.3 Mineral Fibres
   1.3.2 Man made Fibres
   1.3.2.1 Rayons
   1.3.2.2 Polyester (terelene, dacron)
   1.3.2.3 Acetate & Triacetate
   1.3.2.4 Polyamides (Nylon 6.66)
   1.3.2.5 Acrylic (Orlon)
   1.4 Characteristics / Properties of above mentioned fibres
   1.5 Identification of Textile Fibres:
   1.5.1 Visual Inspection
   1.5.2 Microscopic Examination
   1.5.3 Burning Test
   1.5.4 Chemical Test
   1.5.5 Elementary knowledge of Blends.
   1.6 Uses of different Textile Fibres.

2. **Yarn Construction** :
   18  6
   2.1 Elementary processing of different types of Fibre to Yarn:
   2.1.1 Cellulosic
   2.2.2 Protein
   2.2.3 Synthetic
   2.2 Characteristics of Yarn
   2.2.1 Twist
   2.2.2 Size or Count
   2.2.3 Count measuring system
   2.3 Types of Yarns
   2.3.1 Simple
   2.3.2 Complex

3. **Fabric Manufacturing** :
   3.1 Yarn Preparation
   3.2 Elementary Weaving Theory
   3.3 Fabric Structure
   3.3.1 Woven Fabric
   3.3.2 Knitted Fabric
   3.3.3 Non-Woven Fabric

4. **Types of Finishes** :
   15  6
   4.1 Need for fabric processing
   4.2 Detailed study of few finishes like bleaching, mercerization, calendering, tentering shrinking etc.
   4.3 Elementary knowledge of different finishes applicable to different fabrics.

5. **Dyeing (Elementary Study )** :
   12  3
   5.1 General Introduction of Dyeing
   5.2 Classification of Dyes
   5.2.1 Natural Dyes
   5.2.1.1 Animal
   5.2.1.2 Vegetable
   5.2.1.3 Mineral
   5.2.2 Synthetic Dyes
   5.2.2.1 Direct
   5.2.2.2 Acid
   5.2.2.3 Basic
   5.2.2.4 Sulphur
   5.2.2.5 Vat
   5.2.2.6 Naphthol
   5.2.2.7 Disperse or Acetate
5.2.2.8 Premetalised dyes
5.2.2.9 Pigments
  5.2.2.10 Mordant
  5.2.2.11 Reactive and others

5.3 Factors which Affects Fading of Dyed Fabrics :
  5.3.1 Light
  5.3.2 Washing
  5.3.3 Perspiration
  5.3.4 Gas Fumes
  5.3.5 Humidity

5.4 Importance of colour fastness for textiles.

6. Printing : 12 3
6.1 Meaning of Printing, Difference between Dyeing and Printing.
6.2 Styles of Printing
  6.2.1 Direct
  6.2.2 Resist
  6.2.3 Discharge
6.3 Methods of Printing
  6.3.1 Block
  6.3.2 Screen
  6.3.3 Roller
6.4 Brief knowledge of Batik & Tie and Dye.

REFERENCE BOOKS
1. Textile Design and colour Watsons.
2. Fundamental of Textiles & their care Susheela Dantyagi
3. Costumes and Textile of India Jamila Brijbhusan Shah
5. Hand Book of Textiles Barken
6. Fibre Science Murphy
7. Textile Fibre Kaplan

THEORY OF FASHION - III

CODE CD 303 L T P
3 2/2 --

RATIONALE
This subject tells how the level of the fashion industries, designers and merchandisers work in sequential order from concept to consumer and how all the processes are interrelated.

There is a concentration on fashion, costumes, clothing fundamentals and projects to aid in reviewing the subject matter.

CONTENTS
1. Fashion and Style :
   1.1 Definition
   1.2 Classification and Types of Fashion
   1.3 Principles of Fashion
   1.4 Fashion Forecasting Methods and Techniques
   1.5 Influence of Fashion on Personality

2. Fashion Merchandising :
   2.1 Pre-buying Activities
   2.2 Local and export market analysis
   2.3 Process & Documentation
   2.4 Scope and Concept of Merchandising
   2.5 Quality control

3. Career in Fashion :
   3.1 Fashion Expert / Designer
   3.2 Consultant
   3.3 Educational
   3.4 Industry

4. Wardrobe Planning :
   4.1 How to select and wear the clothes.
   4.2 How to select Colours and Patterns
   4.3 To develop good Taste in Clothes.
   4.4 Dressing According to Personality
   4.5 Psychology of Colours

5. Brief Knowledge of the Following :
   5.1 Fashion Trends
5.2 Fashion / Trade Fairs
5.3 Fashion Shows
5.4 Boutique
5.5 Garment Production Unit

6. Leaders of Fashion:
6.1 Designers
   6.1.1 High Fashion Designers
   6.1.2 Stylish Designers
   6.1.3 Free -Lance Designers
6.2 Role of Designer
6.3 Intuition and Insight
6.4 Sources of Design Inspiration

7. Fabric Design:
7.1 Types of Motifs
7.2 Combination of Motifs

8. Design for Individual Application for Men and Women.

9. Construction Features to Check When Buying:
   9.1 Shirt, Sports Jacket, Trousers, Slacks, Men's Suit, Sports Coat and Children Garments.
   9.2 Safety and Comfort features.

REFERENCE BOOKS
1. Treasure of Indian Textiles MARG.Publication, Bombay
2. The Encyclopaedia of Word Fashion Banza Books N.York
4. McCall's Sewing in Colours Paul Hamlyn London
5. History of Indian Textiles Thomas and Hudson
6. One World of Fashion Anna Lee Gold
7. Costumes of India and Pakistan S.N.Oar
8. Traditional Indian Textiles Thomas and Hudson
9. Vogue Fitting Harper and Row
   Publication, New York
10. Fashion Merchandising Elaine Stone,
    Mc Grawhill book

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36

12. Fashion Marketing Mike Easy Black well's Science Ltd.
13. Fashion Buying Go Worek
14. Inside the Fashion Business Dickers on

* * * *

SURFACE ORNAMENTATION - III

CODE CD 304

RATIONAL
Embroidery gives creative, decorative and ornamental effect on dress. With the help of this technique the student can give a new look to dress. It has a great value in the market.

CONTENTS

   9

2. Prepare a file of the following Machine Embroidery Samples with their Characteristics, Special Features and their Uses.
   2.1 Basic Stitches:
   2.1.1 Running Stitch
   2.1.2 Round Stitch
   2.1.3 Eyelet Stitch
   2.1.4 Cording Stitch
   2.1.5 Satin Stitch
   2.1.6 Raised Satin Stitch
   2.1.7 Long and short Stitch
   2.1.8 Couching
   2.2 Fancy Embroidery:
   2.2.1 Cut work
   2.2.2 Wool work & Ribbon work
   2.2.3 Applique work
   2.2.4 Patch work
   2.2.5 Imitation Velvet work
   2.2.6 Letters and Monogrames
   2.2.7 Quilting
   2.2.8 Bead and Sequin work

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[35]
2.3 Prepare the following Articles by using Machine Stitches (minimum three).

2.3.1 Cushion Covers
2.3.2 Bed Cover
2.3.3 Wall Hanging / Picture
2.3.4 Dinning Mats
2.3.5 T.V. Covers / Pillow Covers
2.3.6 Any one Dress

Note:
1. Application of the above according to fashion trends.
2. The Essential Theory should be taught during the Practicals.

REFERENCE BOOKS
1. The WI Creative Guide to Machine Enid Gratten Guinness Embroidery
2. The Dictionary of Needle Craft S.F.A Caultfield & B.C. Saward
3. Quilts Patchwork Samples Emma Callery
4. Quilts Susan Kenkin & Linda Seward
5. Machine Embroidery Clare Carter
6. Reader’s Digest for Embroidery Reader’s Digest
7. Picture it in Machine Appliqué Sure Simmons
8. Traditional Quilting Isabel Stanley & Jenny Watson
9. Quilting Around the World Isabel Stanley & Jenny Watson
10. Machine Patchwork Dorothy Osler

FASHION ILLUSTRATIONS - III

CODE CD 305

L T P
-- -- 5

RATIONALE
Fashion signifies changes. The subject presents an overview of what is involved in studying and becoming a designer in the contemporary fashion industry. This shows how the creativity is being processed, innovated and practiced.

CONTENTS

Sketch the following garment design for Gent's according to different age groups in different suitable medium according to fashion with special features of the dress co-ordinating the design with drafting and garment construction.

1. Casual Wear- No of sketches -15
2. Formal Wear -No of sketches -15
4. Illustration of different types of Fabrics Suiting, Shirting and Hosiery in Suitable Medium.
6. Computer Aided Dress Designing & Application of Fashion on different Poses using Illustrator, Photoshop or other related software.
7. Portfolio & Presentation.

Note :- 
1. All sheets should be of 1/4 Imperial Size.
2. The Essential Theory should be taught during the Practicals.

REFERENCE BOOKS
1. The Art of Costume Design Marilyn Sotto
2. How to Draw and Paint Fashion Walter T
3. Children Clothes Conran Octopus
6. Mc'calls Vogue & Simplicity Monthly Magazine
7. Chirag Mahesh N Bhakta
8. Impression Sharad Shah
9. CAD in Clothing and Textiles Winfred A Ldrich
10. Computer's in the Fashion Industry Taylar P
GRADING

This subject communicates how to prepare the commercial paper pattern which are used in manufacturing unit. It also tells how to prepare graded paper pattern in various methods.

CONTENTS

1. Introduction to Grading : 6
   1.1 Definition
   1.2 Importance
   1.3 Uses
   1.4 Methods

2. Grading of Different Types of Sleeves : 12
   2.1 Set in Sleeve.
   2.2 Kimono Sleeve
   2.3 Raglon Sleeve

3. Grading of Different Types of Collars : 24
   3.1 Flat Collar
   3.2 Stand Collar
   3.3 Rolled Collar

4. Grading and Measurement Charts of Following Garments in three Different Sizes : 48
   4.1 Frock
   4.2 Skirt
   4.3 Top
   4.4 Shirt
   4.5 Pants
   4.6 Kalidar Kurta

5. Practice of Drafting & Grading with Computers 21
   (Related Software eg. Tuka CAD)

Note:
1. Prepare a drafting file of all the above listed topics.
2. The Essential Theory should be taught during the Practicals.

REFERENCE BOOKS:
1. Metric Pattern Cutting for Children's Wear - Winifred Aldrich
2. Metric Pattern Cutting for Women's Wear - Winifred Aldrich
3. Metric Pattern Cutting for Men's Wear - Winifred Aldrich
5. Computer Aided Drafting and Design-Concept and Application - Veisinet D D
6. Pattern Grading for Children Clothes - Gerry Cooklin
7. Pattern Grading for Women's Clothes - Gerry Cooklin
8. Pattern Grading for Men's Clothes - Gerry Cooklin
APPLIED CRAFT

CODE CD 307

L     T     P
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RATIONALE

This subject is endeavored to introduce in one volume most of
the crafts & their techniques. Depicting the historical development and its
step by step procedure.

CONTENTS

Brief theoretical knowledge should be given of all following topics:-
1. Fabric Painting              9
2. Printing :
   2.1 Block Printing
   2.2 Stencil Printing
   2.3 Screen Printing
3. Dyeing :
   3.1 Tie & Dye
   3.2 Batik
5. Macramé Work.               12
6. Soft Toys.                  9

Note :  1. Prepare a Sample file
        2. Prepare one article from each topic
        3. The Essential Theory should be taught during the
           Practicals.

REFERENCE BOOKS :

3.  Tie and Dyed Textiles of India  Mapen Publishing
4.  The Craft Tradition of India  Jaya Jaithley
5.  Handicrafts of India       Kamla Devi Chattopadhyay
6.  Batik Design               Pipin Van Roojan
7.  Soft Toys                  Hamlyn
8.  Soft Toys                  Sharon Welch's
9.  Soft Toys                  Gail Attwell
10. Treasury of Crochet Techniques and Patterns  Marshall Cavendish
11. Crochet                    Ed. of ladies home Journal
12. The Techniques of Macramé  Bonny Schurid Barlson

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DRAFTING AND GARMENT CONSTRUCTION - III

CODE CD 308

L     T     P
2     --     8

RATIONALE

This subject of sewing is compared to the classic art of
sculpture. The sculptor involves himself in his medium, sewing demands
the same involvement with a medium touching, appraising and working
with fabric, mouldes and shapes into a three dimensional design. Men's
wear consist of fine, intricate and technical sewing

CONTENTS

1. Measurement Charts for Gent's.  2     3
2. Drafting of the following Gent's Basic blocks :
   2.1 Bodice block
   2.2 Hip block
   2.3 Sleeve block
3. Trying, Fitting and their Methods :  6     6
   3.1 Importance of Trying on
   3.2 Methods of Trying on
   3.3 Use of Dummy
4. Pressing :
   4.1 Definition & Meaning of Pressing
   4.2 Pressing equipments and aids
   4.3 Points to be considered while pressing
   4.4 Pressing, Folding and Packing of various garments.
5. Fitting problems and alterations in Gent's garment 6     6
6. Drafting & Pattern Making of all the following
garments according to fashion :
   6.1 Causal Wear- 3 to 5
   6.2 Formal Wear -3 to 5

List of Garments

1. Pyjama (Plain & Aligarhi)
2. Kurta (Plain & Kalidar)
3. Night Suit
4. Gown
5. Shirt (Half & Full Sleeve)
6. Pants
7. Jacket
8. Sherwani

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7. Estimation and Layout, Cutting, Stitching & Finishing of all the above Listed Garments.

8. Practice of any one Garment with Draping Method.

REFERENCE BOOKS:
1. Metric Pattern Cutting for Men's Wear
   Winifred Aldrich
2. Dress Fitting
   B.S.P. Professional London
3. Vogue Fitting
   Harper & Row
4. Singer Sewing Book
   Singer & Row
5. Make Your own Dress Pattern
   Prende Red smile
6. Cutting and Tailoring (Vol-I)
   Ishwar Anwani
7. Introduction to Clothing Manufacture
   Cooklin Gerry
8. Men's Hi Fashion
   Pioneer Book Company

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PROJECT

Project work shall be assigned to the student at the start of III year classes, registered as per B.T.E.R. Rules & Regulation and will be carried out after the final Examination for 3rd year, for twenty four continuous working days.

The project can be assigned to the students individually or in groups. Project work shall consist of the actual task and the report writing. The actual task may be of different nature like designing, fabrication, survey and studies in market / organisation, etc. Some other problems may be given as per the need and local conditions. Facilities of computer may be utilized for the project work.

It is further advised that the topics of the project may be decided at the beginning of the IIIrd year. The students may also be encouraged to collect material and do preparatory work during the year of study.

At the end of the project, a project report should be submitted by each student before the final assessment. The assessment of the project should be of continuous nature through out the project duration. The final assessment will be done immediately after completion of project by examiners on the basis of project report, work done during the project and viva - voce.

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JOB OPPORTUNITY FOR COSTUME DESIGN & DRESS MAKING

The field of costume design and dress making is very vast and compels and incorporates many parts of related industries. This field mainly deals with the design, production distribution and making of clothing and accessories for children, men and women. It employs millions of workers and needs the talents of creative, fashion minded people who have the necessary training. Hence positions and career opportunities are varied as follow:-

1. Fashion Designer: Fashion designer create ideas for new styles of clothing and accessories.
2. Assistant Designer: Is responsible for following through on the designer's ideas by supervising every detail of production.
3. Sketcher: Sketchers may be asked to meet customers, assist with presentation of new collections and deals with buyers.
4. Pattern Makers and Graders: Pattern makers and graders are able to visualize from the design sketch or sample the shape, size and number of pattern-pieces needed for a design, so job opportunities are very vast in this field also.
5. Fashion Merchandiser: The opportunity is direct by responsible for buyers and functions as a consultant, teacher, director, guidance counselor and mentor.
6. Fashion Co-ordinator: This field many focuses job opportunities in advising and sales promotion departments and handles fashion shows.
7. Lectures, Instructors, Lab Technicians: in many government and non-government institutes give new horizons to this field by teaching and endancing the skill of their students in respective fields.
8. Entrepreneurs: Why not? more and more men and women are becoming entreprenuers. You can become a successful entrepreneur in your field by a were organised and good detail by a well organized and good detail knowledge of job, distributions choosing and buying from manufactures and getting started your business after obtaining solid experience in this field and to give employment to other trainees also.

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