COMMUNICATION SKILLS IN ENGLISH

	E CD 121 L 21/CA 121/ ID 121/ TD 121 1	T	P 2	
	RATIONALE The students seeking admission to the diploma courses do not have the required p s, therefore, been decided to introduce English and Communication Techniques iency in the subject.			
	CONTENTS			т
1.	Narration, Voice, Basic Sentence Patterns. (Nine basic sentence patterns)			L 5
2.	Transformation of Sentences, Determiners, Preposition. (a) Interchange of degree of comparison (b) Interchange of Affirmative and negative sentences (c) Interchange of Interrogative and Assertive sentences (d) Interchange of Exclamatory and Assertive sentences			7
3.	Tenses, Common errors (Noun, Pronoun, Articles, Adverb, Punctuation, Preposition etc.)			7
4.	Modals in Conversational Usage and punctuation:			
	Modals: Can, Could, Should, Will, Would, May, Might, Must, Need not, Dare not, ought to, Used to.			4
	Punctuation: Full stop, Comma, Question mark, Exclamation mark, Inverted Commas, Capital letters			
5.	Composition - 1. Unseen Passage, Précis Writing			2
6.	Letter Writing, and Report Writing			3
7.	Essay Writing - Essays on general topics and topics related to environmental problems.			2

	PRACTICALS			
1. 2.	avisage two successive stages for attaining skill in communication ability; Listening Speaking Ve can club them together as shown above.			n
1.	Listening: 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			P 6

		1.1.7	Summarise in Writing	
2.	Speak	ing:		6
	2.1	Introdu	scing English consonant-sounds and vowel-sounds.	
		2.1.1	Remedial excercises where necessary	
	2.2		ng Word stress	
			g word stress in poly-syllabic words	
		[For p	ronunciation practice read aloud a para or page regularly while others monitor]	
3.	Vocab	ulary:		10
	3.1	•	yms. 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		at-based meanings of the words, for example,	
		3.3.1	man[N] man[vb]; step[N , step[vb]	
		3.3.2	conflictIsrael Palestinian conflict	
			Emotional conflict,	
			Ideas conflict	
		3.3.3	learn — 1 learn at this school	
			I learnt from the morning news	
4.	Delive	ring Sho	rt Discourses:	15
	4.1.	About o	oneself	
	4.2	Describ	ing a Place, Person, Object	
	4.3	Describ	ing a Picture, Photo.	
5.	Groun	Discussi	ion :	15
•	5.1		ping skill to initiate a discussion [How to open]	
	5.2		ing initiative from others [Watch for weak points, etc.]	
	3.2	Sharen	ing initiative from others [water for weak points, etc.]	
6.	Expan	d a topic	-sentence into 4-5 sentence narrative.	8
Not	e:			
1.		m of teac	hing and examination will be English.	
2.			say Writing (Unit-7) will be compulsory.	
			ve to attempt one essay out of two, touching upon given	
	points .		The same case, and the same graph of the graph of the same graph o	
3.		auestion	will be set from each unit.	
4.			will be set from syllabus of practicals.	
		1		
REI	FERENCE	BOOKS	:	
1	Intomodiat	o English	Common Daymond Mymhy	

1.	intermediate English Graninal	Raymond Murphy,
		Pub: Foundation Books,
		New Delhi
2.	Eng. Grammar, usage & Composition	Tickoo & Subramanian
		Pub: S.Chand and Co.
3.	A Practical Eng. Grammar	Thomson and Martinet.
	(and its Exercise Books)	Pub : ELBS
4.	High School English Grammar	Wren & Martin.
	and Composition	

COMPUTER APPLICATIONS

BC122/CA 122/CD 122/ ID 122/ TD 122

L T P

RATIONALE

Use of Computer is increasing for precise and speedy work so it is useful to provide computer knowledge to the students. The course content is designed to give an overview and understand working of computer components and Operating System. The course provides knowledge of internet, email, web browsing and E-commerce. The course also focuses on basic application Software MS-Office.

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.

L

1. Introduction

6

- 1.1 Characteristics of Computers
 - 1.2 Application of Computer
 - 1.3 Component of Computer
 - 1.3.1 Block Diagram of Computer
 - 1.3.2 ALU and CU
 - 1.3.3 Input Device: Keyboard, Mouse, Joystick , Scanner , Optical Mark Reader, Barcode Reader, Magnetic Ink Character Reader, Web Camera
 - 1.3.4 Output Device: Monitor, Impact printer –Dot Matrix and Drum, Non Impact Printer: Laser and Inkjet Plotter
 - 1.3.5 Memory Organization, Primary Memory, Secondary Memory
 - 1.4 Languages and Translators
 - 1.4.1 Low Level and High Level Language
 - 1.4.2 Compiler and Interpreter

2. Operating System

6

- 2.1 Concept of Operating System
- 2.2 Functions of Operating System
- 2.3 Relationship between Hardware and Software
- 2.4 Software
 - 2.4.1 System Software
 - 2.4.2 Application Software
- 2.5 Creating Folder and Shortcut
- 2.6 System Tool: Disk cleanup, Disk Fragmentation, System Restore
- 2.7 Control Panel: Adding new hardware and software, Display, Adding new font, User account management
- 2.8 Accessories: Calculator, Notepad, Paint, WordPad, Snipping Tool

3.	Computer Network	6
	 3.1 Need of networks 3.2 Data Transmission Media: Twisted pair, Coaxial, Optical Fiber, Satellite transmis 3.3 Types of Network-LAN, WAN, MAN 3.4 Topologies of LAN - Ring, Bus, Star, Mesh and Tree 3.5 Digital and Analog Transmission 3.6 Serial and Parallel data transfer 3.7 Modem - Working and characteristics 	ssion
4.	Internet	8
	 4.1 Introduction to Internet and Intranet 4.2 Internet Service Provider. 4.3 URL and DNS 4.4 Web Brower and its functions, Web Page, Search Engines 4.5 Protocol: Basic of http, https, FTP, SMTP, POP 4.6 Basic of E-mail: 4.6.1 E-mail Service Provider 4.6.2 Composing E-mail 4.6.3 Mailing List 4.6.4 Creating Label 4.6.5 Signature 4.6.6 Spam 	
5.	Word Processing	8
	 5.1 Introduction to MS Word 5.2 Opening, saving in different format and Printing Document. 5.3 Copy, Paste, Find and Replace, Go to, Redo Undo, Change Case, Spell Check 5.4 Creating and Formatting Tables 5.5 Inserting Clipart, Hyperlink, Symbol 5.6 Character and Paragraph Formatting 5.7 Page Formatting: Header Footer, Page break, Watermark 5.8 Mail merge 	
6.	Power Point Presentation	7
	 6.1 Introduction to Power Point 6.2 Creating, Opening, Saving presentations and Printing: Slides , Handout 6.3 Slide Layout, Presentation Views 6.4 Insert Sound, Smart Art, Chart 6.5 Design Presentation using Animation and Custom Animation 6.6 Running and Controlling a Slide Show 	
7.	Spreadsheet	12
	7.1 Introduction to Spreadsheet7.2 Creating, Saving and Editing a Workbook.	

	adding borders and colors 7.6 Sorting and Filtering 7.7 Working with Formulas: Mathematical, Logical, Text 7.8 Charts and Graphs	
8.	E-Commerce and Security	7
	 8.1 Introduction to E-Commerce 8.2 Type of E-Commerce 8.3 Advantage and Disadvantage of E-Commerce 8.4 Payment Gateway 8.5 Definition of Virus, Malware, Trojan Horse 8.6 Scanning & Removing Virus using Antivirus Program 	
	PRACTICALS	
	1. Study of Computer Components.	3
	2. Practice of using My Computer, creating, deleting folders and shortcuts.	3
	3. Practice on Paint, WordPad, Notepad, Calculator and Snipping tool.	3
	4. Practice on System Tools-Disk Cleanup, Disk Fragmenter, System Restore.	3
	5. Practice on Control Panel.	3
	6. Study of different types of Networks and Network Topologies.	3
	7. Visit to different Internet Sites.	3
	8. Content Searching using Search Engines.	3
	9. Creating E-mail accounts, Composing and Sending E-mail.	3
	10. Sending E-mail with attachments and signature.	3
	11. Exercise on MS-WORD:	21
	11.1 Starting MS-Word, Creating, Saving and Opening documents	
	11.2 Editing Documents-Cut, Copy, Paste, Undo, Redo, Copying one documer other, Change Case, Go to	nt to
	11.3 Character and Paragraph Formatting, Numbering and Bullets	
	11.4 Page Formatting, Header and Footer, Page Break, Watermark	
	11.5 Spell Check, Find and Replace, Inserting Pictures and Clip-arts	
	11.6 Print Preview and Printing documents	
	11.7 Working with Tables	
	11.8 Creating Hyperlink	
	11.9 Saving documents in different formats- PDF, XPS, Web page	
	11.10 Mail-Merge.	
	12. Exercise on MS-PowerPoint:	15
	12.1 Starting MS-PowerPoint, Creating, Saving and Opening presentations	

7.3 Inserting, Deleting Work Sheets and Printing worksheet

7.5 Formatting cells: changing data alignment, different number formats, changing font,

7.4 Copying and Moving data from selected cells

- 12.2 Adding animation in slides
- 12.3 Running a Slide Show
- 12.4 Printing Slides and Handouts
- 12.5 Designing Custom animation

13. Exercise on MS-EXCEL:

21

- 13.1 Starting MS-Excel, Creating, Saving and Opening worksheet.
- 13.2 Editing Worksheet.
- 13.3 Formatting Cells- Font, Number Formats Alignment and Borders.
- 13.4 Implementing Mathematical, Logical and Text Formulas.
- 13.5 Charts and Graphs.
- 13.6 Sorting and Filtering.
- 13.7 Printing Workbooks.
- 14. Study of E-Commerce and Payment Gateways.

3

REFERENCE BOOKS:

1 Computer Fundamentals P.K. Sinha and P. Sinha,

BPB publication.

2. Microsoft office for 2016 Amy

Amy Kinser

Pearson education.

3. Data Communications and Networking Forouzan TMH

THEORY OF FASHION - I

CODE CD 123 L T P 3 1 --

RATIONALE

This subject provides a basic idea of tools and material used in fashion designing. The contents of the subject are such that the students are able to understand basic knowledge of paper pattern & marking techniques.

CONTENTS

		${f L}$	T
1.	Tools for Clothing Construction:	15	5
	1.1 Measuring Tools		
	1.2 Marking Tools		
	1.3 Cutting Tools		
	1.4 Pressing Tools		
	1.5 General Tools		
	1.6 needles & threads		
2.	Paper Patterns:	15	5
	2.1 Introduction		
	2.2 Definition		
	2.3 Types		
	2.4 Methods of Developing Patterns:		
	Flat Pattern and Draping		
	2.5 Importance		
	2.6 Consideration while making Paper Pattern.		
3.	Marking to the Fabrics:	12	4
	3.1 Tracing Wheel and Carbon Paper		
	3.2 Tailor's Chalk		
	3.3 Thread Tacking		
	3.4 Tailor's Tack		
	3.5 Clip Marking		
4.	Technical Terms Related to :	12	4
7.	4.1 Dress Designing	12	-
	4.2 Drafting and Cutting		
	4.3 Stitching and Finishing		
	4.5 Sutching and Philshing		
5.	Preparation of Material Before Cutting:		
•	Treputation of Material Botore Sateling		
	5.1 Identification of warp weft and selvedge	12	4
	5.2 Checking the Grain of the Fabric		
	5.3 Shrinking		
	5.4 Straightening		
	5.5 Pressing		
6.	Eight Head Theory:	15	5
	6.1 Line of Division		
	6.2 Body Type		
	6.3 Human Figures : Standard and Abnormal		
7.	Readymade Garments:	9	3
	7.1 Introduction	7	3
	7.1 Introduction 7.2 Basis of Selection of Readymade Garments		
	7.3 Merits and DeMerits		
	7.5 FIGURE and Deliveries		

REFERENCE BOOKS:

- 1. Treasure of Indian Textiles
- 2. The Encyclopedia of World Fashion
- 3. Vogue-History of 20th Fashion
- 4. Traditional Indian Textiles

Marg Publication Bombay Bonza Books N, York Bloom Bury Books Thomas and Hudson



MARKET RESEARCH & ANALYSIS

CODE CD 124 T 2

RATIONALE

The subject will enable the students to explore and analyze different fibers and fabrics available and used in fashion industry.

CONTENTS

		CONTENTS	L
			L
1.	Textile	e Fibres :	8
		Maria de Carlo de Car	
	1.1	Meaning and Definition of Textile Fibres.	
	1.2	History & Development of Fibres.	
2.	Classi	fication of Fibres.	4
_,	014651		-
3.	Natura	al Fibres	8
	3.1	Animal Fibres	
	3.2	Vegetable Fibres	
	3.3	Mineral Fibres	
4.	Man n	nade Fibres	8
	4.1	Rayons	
	4.2	Polyester (terelene, dacron)	
	4.3	Acetate & Triacetate	
	4.4	Polyamides (Nylon 6.66)	
	4.5	Acrylic (Orlon)	
5.	Chara	cteristics / Properties of above mentioned fibres	12
6.		fication of Textile Fibres:	6
	5.1	Visual Inspection	
	5.2	Microscopic Examination	
	5.3	Burning Test	
	5.4	Chemical Test	
	5.5	Elementary knowledge of Blends.	
7.	Introd	uction To Basic Weaves	6
8.	Ugog o	f different Textile Fibres.	3
0.	Uses 0	i unici ciit Textiic Piotes.	3
9.	Glossa	ry of Fabrics	5

PRACTICALS

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	8
1.2	Different types of Synthetic Fabrics	8
1.3	Different types of Woolen Fabrics	7
1.4	Different types of Sheer Fabrics	8
1.5	Different types of Silk Fabrics	7
1.6	Different types of Lining and Interlining with	7
	its proper utility.	
1.7	Collection of various types of accessories	7

1.8 Different types of Jute, Velvet, Canvas, Brocade, Lace (net), Namda and Pile fabrics.

8

REFERENCE BOOKS:

1. Soft Furnishing Manga Books

The Butterick Sewing Books (Monthly Magazine) Ready Set Sew

3. Fabric Source & Marketing Bombay

4. Textile Fiber & Their Care Dhuntyagi

5. Furnishing Fabrics Thomas & Hudson London

6. The Dictionary of Needle Work Blaketon Hall England



9.

Drafting, Pattern Making, Estimation and Layout

DRAFTING AND GARMENT CONSTRUCTION - I

CODE CD 125

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.pattern making is a highly skilled technique which provides technical ability to interpret a design with practical understanding of garment construction

	CONTENTS		
Note:	All Contents are related to children wear.	L	P
1.	Measurement charts for children wear	2	
	Applicability and Importance		
2.	Definition, Scope, Elements, Methods &		
	Importance of Drafting	4	
	— To the total of	-	
3.	Types of measurements:	4	
	3.1 Direct		
	3.2 Indirect		
4.	How to take and record body measurement.	1	2
5. 1	Introduction of Sewing Machine with Hand, Tradle and Electric motor:	4	
	5.1 Basic Parts and Attachments		
	5.2 Functions		
	5.3 Defects and Remedies		
6.	Preparation of Child's basic Bodice Block, Sleeve	3	
	Block and Hip Block.	_	
7	Discourtiers to be taken while moultier with different		
7.	Precautions to be taken while working with different kinds of fabric:	6	
	7.1 Layout - (Plain, Printed, Striped, Checks)	U	
	7.2 Marking - (Cotton, Synthetic, Woollen, Pile)		
	7.3 Cutting - (Cotton, Synthetic, Woolen, Pile)		
	7.4 Stitching - (Silk, Pile, Denim, Synthetic, Woollen)		
	7.5 Finishing - (Light Weight, Medium Weight, Heavy Weight, Knitted Fabrics)		
8.	Making Drafts and Samples of the following:		
.	8.1 Sleeves	10	42
	8.1.1 Set - in		
	8.1.2 Puff		
	8.1.3 Bell		
	8.1.4 Leg o'motton		
	8.1.5 Raglon		
	8.1.6 Kimono		
	8.1.7 Batwing		
	8.1.8 Petal		
	8.2 Collars:	10	42
	8.2.2 Peter pan	-0	
	8.2.3 Stand		
	8.2.4 Shirt		
	8.2.5 Roll		
	8.2.6 Sailor		

154

16

cutting of all the garments:

9.1 Jhabla with Panty9.2 Frock (different types)

9.3 Night Suit9.4 Dungaree

REFERENCE BOOKS:

Metric Pattern Cutting for Children Wear
 Dress Fitting
 Vogue Fitting
 Singer Sewing Book
 Make your Own Dress Pattern
 The Art of Sewing
 Winifud Aldrish
 B.S.P. Profession
 Haprper & Raw
 Singer Company
 Brenda Redmile
 Anna Jacqued.

SURFACE ORNAMENTATION - I

CODE CD 126

L T P
-- -- 3

RATIONALE

Embroidery, the one of the surface ornamentation technique gives creative, decorative and ornamental effect on fabric surface. The student learns variety of stitches and can decorate the costume using them.

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

PRACTICALS

P 1. Study of Basic Hand Embroidery Stitches: 40 Flat 1.1 1.2 Looped 1.3 Crossed Knotted 1.4 2. **Articles Based on Above Mentioned Stitches:** 44 (Any Two) 2.1 Hankies Wall Picture 2.2 2.3 Dinning table mats 2.4 Baby Bed cover 2.5 Tray Cover 3. File based on hand embroidery stitches.

REFERENCE BOOKS:

1. Embroidery Ksynia Marko Teachaing Needle Craft Wan Nostrand Remhold Co. 2. Embroidered Textile Thomas Hudson Lts. London 3. The Complete Book of Knitting Crokhet and Embroidery 4. Marshall Canvendish Needle Worker's Dictionary Pammela Clayburn. Arco Publishing Int. N. York Decorative Needle Craft Embroidery William Collins & Sons & Coltd London.

BASIC SEWING TECHNIQUES

CODI	E CD 12	7 L T P 3	
		RATIONALE	
	The si	ubject may be considered as the backbone for the students of fashion. Contents are related	ed with
basic h		nachine sewing techniques.	
		CONTENTS	
			P
Note:	Brief th	eoretical knowledge should be given before practical.	
1.		Hand Stitches:	6
	1.1	Temporary Stitches: Basting even, Uneven, Diagonal & Slip basting.	
	1.2	Permanent Stitches: Running stitch, Hemming, Slip stitch, Back stitch, Run and Back	stitch,
		Over casting, Over handing, Whipstitch.	
2.		s and Seam Finishes :	12
	2.1	Seams - Types of seams working of common seams Plain seam, Top stitched seam Wel	t seam,
		Lapped seam, Slot seam, Flat fell seam, French seam, Mantua maker's seam, Piped seam.	
	2.2	Seam Finishes: Pinked, Edge stitched, Double stitched, Over cast, Herring bone stitch,	Bound
		seam	
3.		ducing Fullness :	24
	3.1	Darts : Decorative and Functional darts	
	3.2	Pleats: Knite Pleats, Box Pleats, Inverted Pleats, Kick Pleats, Fan Pleats, Cartridge Pleats	, Pinch
		Pleats.	
	3.3	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 T	ucking
		with Scalloped effect.	
	3.4	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	
	3.5	Frill or Ruffles	
		4.5.1 Double Ruffle	
		4.5.2 Circular Ruffle	
		4.5.3 Flounces and Waffles	
4.		g and Bindings :	6
	4.1	Facing - Bias facing, Shaped facing, Decorative facing.	
	4.2	Bindings - Single Bias Binding, Double Bias Binding, (Preparation and uses of True	e Bias,
		Cutting and Foaming Bias Strips)	
5.	Plack	ets and Openings :	12
	5.1	Continuous Bound Placket	
	5.2	Bound and Faced Placket or Two Piece Placket	
	5.3	Zipper Placket	
	5.4	Tailored Placket or Shirt Sleeve Placket	
	5.5	Bound Neck Opening	
	5.6	Centre Front Opening	
6.	Pocke	ots ·	9
J •	6.1	Patch Pockets	,
	6.2	In seam Pockets	
	6.3	Cut Pockets	
	0.5	Cut I Outou	
7.	Faster	ners:	6

9

6

		7.1 Button & Button holes
		7.2 Hooks & Eyes
	7.3	Snaps
	7.4	Zip
	7.5	Volcro
8.	Trimi	nings : Laces, Braids, Ribbon, Piping.
9.	Hem 1	Finishes:
	9.1	Stitched and Turned hem
	9.2	Seam Binding Hem Finish
	9.3	Catch Stitches Hem

9.6 Shell Edged Hem for Circular or Flared Skirts. **Note :** Samples file should be prepared as listed above.

Rolled or Whipped Hem

Narrow Machine Stitched Hem

REFERENCE BOOKS:

9.4

9.5

Sew it
 Sewing of Golden Hands
 Sewing
 Sewing
 Jean Kimmod
 Singer Sewing Book
 Singing Sewing Company
 Sewing
 Ana Ladbury
 Introduction to Dress Making
 The Art of Sewing
 Anna Jaqueb

FASHION ILLUSTRATIONS – I

CODE CD 128 L T P

RATIONALE

The purpose of the subject is to study of how to create a human and fashion figure drawing using different Mediums.

CONTENTS

	CONTENTS	ъ
1	I be Chatalan	P
1.	Line Sketches:	18
	Boys and Girls in Front and Back View.	10
2.	Brief idea about Drawing Tools and Materials.	2
3.	Sketches Related to Boys / Girls	20
	3.1 Necklines	
	3.2 Collars	
	3.3 Sleeves and Cuffs	
	3.4 Yokes	
	3.5 Pockets	
	3.6 Gathers, Pleats and Tucks	
	3.7 Ruffles, Cowls	
4.	Basic Design: Composition Based on Art Elements and Principals with Detailed Study of Colour Schemes and Preparation of Mood Board.	20
5.	Sketches related to Fashion Accessories:	
	5.1 Footwear and Bags.	
	5.2 Bows and Ties Belts,	
	5. 3 Caps and Hats	
		20
6.	Sketches of Boy / Girl Garments in Pencil, Wax, Crayon,	
U •	Ink, Water and Poster Colours.	40
	ann, trace and a object colours.	40

REFERENCE BOOKS		
1.	The Art of Costume Design	Marilyn Sotto
2.	How'to Draw and Paint Fashions	Walter T. Faster
3.	Children's Clothes	Conran Actopus
4.	Kiddys Fashion	Wongs Wary Press
5.	Men's Hi Fashion	Poineer Books Co.
6.	Women's Hi Fashion	Poineer Books Co.
7.	Mccall's Vogue and Simplicity	(Monthly Maganizes)
8.	Kiddy Vol - 1 to 25	
9.	Fashion Magazines	

6.1 Casual Wear: Day, Evening, Night wear, Sports wear6.2 Formal Wear: Party wear, Festival wear, Uniform.