



**EVALUATION SCHEME & DETAILED SYLLABUS
FIRST & SECOND SEMESTER
(GARMENT TECHNOLOGY)**





UTTARAKHAND BOARD OF TECHNICAL EDUCATION
JOINT ENTRANCE EXAMINATION AND TRAINING, RESEARCH DEVELOPMENT CELL, DEHRADUN
STUDY AND EVALUATION SCHEME FOR DIPLOMA PROGRAMME

BRANCH NAME – GARMENT TECHNOLOGY

SEMESTER –FIRST

Subject Code	Subject	L	T	P	T O T	Internal Assessment		External Assessment			Total Marks	Credit Point	
						Th.	Pr.	Th.	Hrs.	Pr.			Hrs.
101001	English Communication-I	4	-	2	6	20	30	50	2.30	50	1.30	150	2
111002	Textile Science-I	3	-	2	5	20	50	80	2.30	50	1.30	200	3
111003	Fashion Illustration-I	-	-	4	4	-	40	-	-	60	3.0	100	4
111004	Basic Design	-	-	4	4	-	40	-	-	60	3.0	100	4
111005	Garment Fabrication -I	-	-	5	5	-	60	-	-	100	1.30.	160	5
111006	Basic Pattern Making -I	2	-	3	5	20	50	80	2.30	50	3.0	200	4
101007	Basic Computer Education-I		-	2	2	-	20	-	-	20	1.30	40	3
111051	General Proficiency#	-	-	4	4	-	25	-	-	-	-	25	-
111052	Industrial Exposure (Assessment at Inst. Level)+	-	-	-	-	-	25	-	-	-	-	25	-
TOTAL		09	-	26	35	60	340	210	-	390	-	1000	25

#General Proficiency will comprise of various co-curricular activities like games, hobby clubs, seminars, declamation contests, extension lectures, NCC, NSS, cultural activities and discipline etc.

+Industrial visit compulsory at minimum 2 Industries or Department.

Note: 1- Each period will be 50 minutes. 2- Each session will be of 16 weeks. 3- Effective teaching will be at least 12.5 weeks.

Note: six week project based **industrial training** as per details specified in major project syllabus, out of six weeks, **four week during vacation after fourth semester and two week craft oriented training after fifth semester** till commencement of six semester. Craft oriented training cum major project work will be evaluated in six semester by an expert/examiner from industry.

Branch Code - 11



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STUDY AND EVALUATION SCHEME FOR DIPLOMA PROGRAMME

BRANCH NAME – GARMENT TECHNOLOGY

SEMESTER – SECOND

Subject Code	Subject	L	T	P	T O T	Internal Assessment		External Assessment			Total Marks	Credit Point	
						Th.	Pr.	Th.	Hrs.	Pr.			Hrs.
102001	English Communication-II	4	-	2	6	20	30	50	2.30	50	1.30	150	2
112002	Textile Science-II	3	-	2	5	20	50	80	2.30	50	1.30	200	3
112003	Fashion Illustration-II	-	-	4	4	-	40	-	-	60	3.0	100	4
112004	Traditional Embroidery	-	-	5	5	-	40	-	-	60	3.0	100	4
112005	Garment Fabrication - II	-	-	5	5	-	60	-	-	100	3.0	160	5
112006	Basic Pattern Making - II	2	-	3	5	20	50	80	2.30	50	3.0	200	4
102007	Basic Computer Education-II	-	-	2	2	-	20	-	-	20	1.30	40	3
112051	General Proficiency#	-	-	4	4	-	25	-	-	-	-	25	-
112052	Industrial Exposure (Assessment at Inst. Level)+	-	-	-	-	-	25	-	-	-	-	25	-
TOTAL		9	-	27	36	60	340	210	-	390	-	1000	25

#General Proficiency will comprise of various co-curricular activities like games, hobby clubs, seminars, declamation contests, extension lectures, NCC, NSS, cultural activities and discipline etc.

+ Industrial visit compulsory at minimum 2 Industries or Department.

Note: 1- Each period will be 50 minutes. 2- Each session will be of 16 weeks. 3- Effective teaching will be at least 12.5 weeks.

Note: six week project based **industrial training** as per details specified in major project syllabus, out of six weeks, **four week during vacation after fourth semester and two week craft oriented training after fifth semester** till commencement of six semester. Craft oriented training cum major project work will be evaluated in six semester by an expert/examiner from industry.

Branch Code - 11

L	T	P
4	-	2

Subject Code : 101001**RATIONALE**

Interpersonal communication is a natural and necessary part of organizational life. Yet, communicating effectively can be challenging because of our inherent nature to assume, overreact to and misperceive what actually is happening. Poor communication or lack of communication is often cited as the cause of conflict and poor teamwork. In today's team oriented workplace, managing communication and developing strategies for creating shared meaning are crucial to achieve results and create successful organizations. The goal of the Communicating Skills course is to produce civic-minded, competent communicators. To that end, students must demonstrate oral as well as written communication proficiency. These include organizational and interpersonal communication, public address and performance. The objectives of this subject are understanding how communication works, gaining active listening and responding skills, understanding the importance of body language, acquiring different strategies of reading texts and increasing confidence by providing opportunities for oral and written expressions

DETAILED CONTENTS

- 1. COMMUNICATION SKILLS** **(16 Periods)**
 - 1.1 Introduction and Process of Communication
 - 1.2 Objectives of Communication
 - 1.3 Verbal and Non-verbal Communication
 - 1.4 Process of Communication
 - 1.5 Listening and Speaking Skills and Sub-Skills

(All topics should be in detail)

- 2. GRAMMAR AND USAGE** **(16 Periods)**
 - 2.1 Syntax (Parts of speech)
 - 2.2 One word substitution
 - 2.3 Correct the incorrect sentences
 - 2.4 Pair of words
 - 2.5 Tenses

- 3. WRITING SKILLS** **(12 Periods)**
 - 3.1 Writing Paragraphs
 - 3.2 Picture Composition
 - 3.3 Developing writing skills based on some audio-visual stimulus

4. READING COMPREHENSION SKILLS

(10 Periods)

Unseen comprehension passages (at least 3 passages of literary, scientific, data Interpretation).

5. Translation

(10 Periods)

1. Translation from Hindi to English.
2. Glossary of administrative terms.

LIST OF PRACTICALS

(Note: The following contents are only for practice. They should not be included in the final theory examination)

DEVELOPING ORAL COMMUNICATION SKILLS

- Greeting, Starting a Conversation
- Introducing Oneself
- Introducing Others
- Leave Taking
- Thanking, Wishing Well
- Talking about Oneself
- Talking about Likes and Dislikes
- Mock Interview

SUGGESTED DISTRIBUTION OF MARKS

Topic No.	Period Allotted (Hrs)	Marks Allotted (%)
1	16	25
2	16	25
3	12	20
4	10	15
5	10	15
Total	64	100

RECOMMENDED BOOKS

1. Communicating Effectively in English, Book-I by Revathi Srinivas; Abhishek Publications, Chandigarh.
2. High School English Grammar and Composition by Wren and Martin; S. Chand & Company Ltd., Delhi.
3. Communication Techniques and Skills by R. K. Chadha; Dhanpat Rai Publications, NewDelhi.

Subject Code : 111002**DETAILED CONTENTS****Theory****1. Introduction to textile fiber, yarn and fabric (24 Periods)**

- a) Classification of important textile fibers based on their origin and constituents
- b) Important properties of fibers: Cotton, jute, linen, wool, silk, polyester, nylon, acrylic, spandex, viscose rayon.
 - relating to performance (strengths/Tenacity), absorbency
 - Relating to maintenance (Effect of biological organisms chemicals, thermal conductivity).

PRACTICAL EXERCISE

- Physical analysis of fabrics composed of different fibers like cotton, jute linen, wool, silk, polyester, nylon, acrylic, spandex, viscose, rayon etc.
- Visual examination of fibers and yarns
- Identification of fibers in a fabric sample through:
 - Burning test
 - Microscopic test
 - Chemical test

2. Yarn Processing (24 Periods)

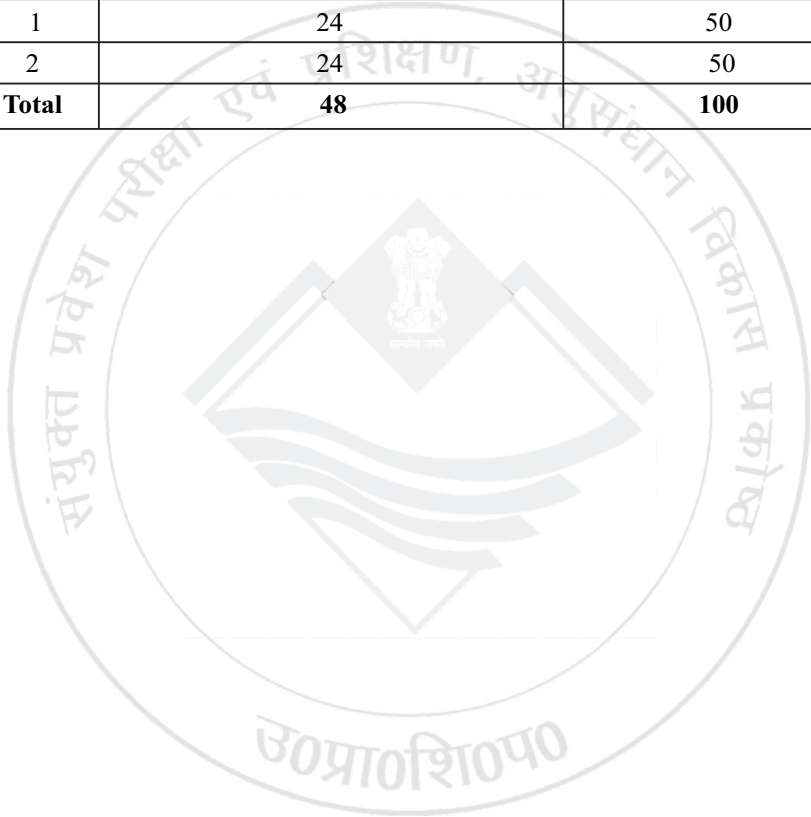
- a) Manufacturing of cotton, wool and silk
- b) Type of yarns and their properties relevant to fabric behaviour
 - Simple yarns: single, ply, cord
 - Novelty yarns: slub, boucle, chenille, nubs, corkscrew, grindelle
 - Textured yarns: stretch yarns, bulk yarns, core-spun yarns
 - Blended yarns
 - Yarn twist, yarn count/size
 - Theory of direct and indirect method of yarn numbering systems.

Practical Exercise

- Visit to spinning Mill or show relevant video films to understand the various systems of yarn spinning-staple, filament and spun filament yarn
- To analyze and understand fabric texture (appearance and hand) on the basis of the yarns used:
- Collection of various types of fabrics.

SUGGESTED DISTRIBUTION OF MARKS

Topic No.	Period Allotted (Hrs)	Marks Allotted (%)
1	24	50
2	24	50
Total	48	100



Subject Code : 111003

DETAILED CONTENTS**PART – I**

1. To understand the difference between human figure and fashion figure.
2. Basic ten head croqui with appropriate terminologies.
3. Front view, Back view, 3/4th View
4. Different color media: Wet and dry mediums.
5. Projects / sheet work for the above study
(Action figures in different views and poses).

PART – II

1. Shaping of different parts of human figures: arms, hands, legs, and feet.
2. Studying the face in different angles: front, 3/4th, profile, back.
3. Project/sheet work for the above study.

PART – III

1. Illustrating design details : necklines, collars, sleeves, skirts and dress-styles, pant styles and other style details like gathers, peplums, drapes etc
2. Collecting pictures of above mentioned design details and filing them.

Subject Code : 111004

DETAILED CONTENTS

1. INTRODUCTION

- a) Medium of expression : Pencils, Inks, Crayons, Types of other colours
- b) Tools and materials: Compass, Rulers, Liners, Equipments for Creating textures etc.

2. ELEMENTS AND PRINCIPLES OF BASIC DESIGN

- a) Dots, lines : thick & thin, straight and curved: their variations.
- b) Physiological and psychological effects of lines in garments.
- c) Shapes : geometrical- circle, square, triangle, rectangle
(developing patterns and compositions)
- d) Tone : Colour – Spectrum, Primary, Secondary, Tertiary Colours, Warm & Cool Colours, Opaque & Transparent Colours , Tints & Shade , Colour Schemes- Complementary, Analogous, Acromatic, Polychromatic, Monochromatic , Colour Combination ,etc.
- e) Proportion, harmony, balance, unity & rhythm in design (to be illustrated through patterns/outfits).

3. PRACTICE OF FOLLOWING ART FORMS IN COLOUR

- a. Traditional & Modern(abstract)
- b. Folk & Geometrical

4. CONCEPT OF ILLUSION IN ART EXPRESSION

Optical Illusion- Exercises through prints (stripes, checks, polkas, floral, etc.), and silhouettes.

5. RENDERING OF DIFFERENT TEXTURES –

Spray, Dry Brush, Thread – Rolling, whipping, pulling, dabbing, butterfly, ink drop, blow, marble, crayons etc.

6. COLOUR MIXING (MOSAIC)

L	T	P
-	-	5

Subject Code : 111005**DETAILED CONTENTS**

1. Tools and equipment used in measuring marking, cutting, sewing, and finishing of garments.
 - Types of needles & their working.
2. Introduction to sewing machine & its parts:
 - Types of sewing machine- treadle operated , machine operated (Motor), Computer operated
 - Defects & Remedies of sewing machine – machine control, exercises on speed control, paper & fabric exercises.
3. Standard Measurement Charts – kids, teenage, & Adults.
4. Straight Line, Square, concentric square, curved, circle.
5. Classification of Seams & Stitches – flat, raised, decorative, & hand stitches
 - Seams- plain, run and fell, French, lapped, top, slot, beading, flat, crossed, curved, angles.
 - Stitches- hemming, blind hemming, back stitch, casting, running, button hole, back stitch , half back stitch, cross stitch, padding, types of tacking their uses construction and faults.
6. Variation of pleats & gathers
7. Shirring, honey comb & smocking
8. Variation of Darts & tucks.
9. Finishing different necklines – using bias binding or piping and bias & shaped facings.
10. Use of different fasteners
 - Variation of hooks
 - Variation of buttons
 - Variation of zippers
 - Any other fasteners.
11. Different types of pockets.
12. Different types plackets
13. Basic embroidery stitches – running, chain, lazy – daisy, satin, darning, chevron, sheaf, fly, feather, stem, back, button hole, long and short, herring bone, couching, fern, roumanian, fishbone etc.

Subject Code : 111006

DETAILED CONTENTS**THEORY****1. INTRODUCTION TO MEASUREMENTS-**

- a. Measurement charts
- b. Methods of taking measurements (direct, anthropometric and from garments).

2. PATTERN MAKING TOOLS AND THEIR USAGE.**3. SCOPE AND IMPORTANCE OF DRAFTING TERMINOLOGY, DRAFTING EQUIPMENTS, AND ITS USES, TYPES OF LAYOUT.****4. HUMAN ANATOMY:**

- Different figure types and figure defects

5. TERMINOLOGY

- Sleeves
- Collars

PRACTICAL EXERCISES**6. DRAFTING OF:**

- a. Child's bodice block
- b. Sleeve styles:
(basic sleeve, puff sleeve, magyar, petal, leg-o-mutton, flared)
- c. Collar styles
(peter pan, cape, bishop, sailor's, shawl, Chinese, shirt)

SUGGESTED DISTRIBUTION OF MARKS

Topic No.	Period Allotted (Hrs)	Marks Allotted (%)
1	5	20
2	5	20
3	7	30
4	5	15
5	5	15
Total	32	100

L	T	P
-	-	2

Subject Code : 101007

RATIONALE

Information technology has great influence on all aspects of life. Almost all work places and living environment are being computerized. In order to prepare diploma holders to work in these environments, it is essential that they are exposed to various aspects of information technology such as understanding the concept of information technology and its scope; operating a computer; use of various tools of MS office; using internet etc. form the broad competency profile of diploma holders. This exposure will enable the students to enter their professions with confidence, live in a harmonious way and contribute to the productivity.

- 1 Computer:** Definition, Characteristics, Applications, Components of Computer System, Input/Output Devices, Concept of Memory, Magnetic and Optical Storage Devices.
- 2 Operating System- Windows:** Definition & Functions of Operating System, Basic Components of Windows, Exploring Computer, Icons, taskbar, desktop, managing files and folders, Control panel – display properties, add/remove setting date and time, screensaver and appearance.
- 3 Word Processing:** Introduction to Word Processing, Menus, Creating, Editing & Formatting Document, Spell Checking, Printing, Views, Tables, Word Art, Mail Merge,
- 4 Computer Communication:** Internet and its applications, Surfing the Internet using web browsers, Creating Email Id, Viewing an E-Mail, Sending an E-Mail to a single and multiple users, Sending a file as an attachment.

Text/Reference Books

1. Computer Fundamentals By P.K. Sinha (Bpb Publications, New Delhi).
2. Computer Fundamentals By Anita Goel (Pearson Education, New Delhi)
3. Computer Fundamental 5th Edition By P.K. Sinha, Wadsworth, Inc
4. Fundamentals Of Computer By V. Rajaraman, Phi Publication.
5. Fundamental Problems In Computing 5th By D.J. Rosencrantz Springer.
6. Libre Office- The Documentation Foundation By Ron Faile, Jeremy Cartwright, Hal Parker.
7. Microsoft Office 2010 Course Pb (Hindi) Arti Rathore, Bpb Publication.A
8. Computer Fundamentals By Krishna Kumari (Book World, Dehradun).



**DETAIL SYLLABUS
SECOND SEMESTER
(GARMENT TECHNOLOGY)**

L	T	P
4	-	2

Subject Code : 102001**RATIONALE**

Interpersonal communication is a natural and necessary part of organizational life. Yet, Communicating effectively can be challenging because of our inherent nature to assume, Overreact to and misperceive what actually is happening. Poor communication or lack of Communication is often cited as the cause of conflict and poor teamwork. In today's team oriented workplace, managing communication and developing strategies for creating shared meaning are crucial to achieve results and create successful organizations. The goal of the Communicating Skills course is to produce civic-minded, competent communicators. To that end, students must demonstrate oral as well as written communication proficiency. These include organizational and interpersonal communication, public address and performance. The objectives of this subject are understanding how communication works, gaining active listening and responding skills, understanding the importance of body language, acquiring different strategies of reading texts and increasing confidence by providing opportunities for oral and written expressions.

DETAILED CONTENTS**Section A****1. READING SKILLS****(10 Periods)**

Unseen comprehension passages (at least 3 passages).

2. Drafting:**(20 Periods)**

2.1 Writing Notice

2.2 Writing Circular

2.3 Writing a Memo

2.4 Agenda for a Meeting

2.5 Minutes of the Meeting

2.6 Press release

2.7 Telephonic Messages

2.8 Paragraph writing:

Simple and Current Topics should be covered.

3. Correspondence**(10 Periods)**

3.1 Business Letters

4. Communication

(12 Periods)

- 4.1 Media and Modes of Communication
- 4.2 Channels of Communication
- 4.3 Barriers to Communication
- 4.4 Listening Skills
- 4.5 Body language
- 4.6 Humour in Communication

5. Personality Development

(12 Periods)

- 5.1 What is personality development?
- 5.2 How can personality be evolved?
- 5.3 Why is personality development important?
- 5.4 Types of Personality
- 5.5 Definition and Types of Interviews
- 5.6 Essentials to achieve success in job interviews
- 5.7 Importance of Group Discussions

LIST OF PRACTICALS

(Note: The following contents are only for practice. They should not be included in the final theory examination)

1. LISTENING COMPREHENSION

- 1.1 Locating Main Ideas in a Listening Excerpt
- 1.2 Note-taking

2. DEVELOPING ORAL COMMUNICATION SKILLS

- 2.1 Offering-Responding to Offers
- 2.2 Requesting-Responding to Requests
- 2.3 Congratulating
- 2.4 Expressing Sympathy and Condolences
- 2.5 Expressing Disappointments
- 2.6 Asking Questions-Polite Responses
- 2.7 Apologizing, Forgiving

- 2.8 Complaining
- 2.9 Persuading
- 2.10 Warning
- 2.11 Asking for and Giving Information
- 2.12 Giving Instructions
- 2.13 Getting and Giving Permission
- 2.14 Asking For and Giving Opinions
- 2.15 Group Discussion

SUGGESTED DISTRIBUTION OF MARKS

Topic No.	Period Allotted (Hrs)	Marks Allotted (%)
1	10	15
2	20	30
3	10	15
4	12	20
5	12	20
Total	64	100

RECOMMENDED BOOKS

1. Communicating Effectively in English, Book-I by Revathi Srinivas; Abhishek Publications, Chandigarh.
2. High School English Grammar and Composition by Wren & Martin; S. Chand & Company Ltd., Delhi.
3. Communication Techniques and Skills by R. K. Chadha; Dhanpat Rai Publications, New Delhi.

Subject Code : 112002

DETAILED CONTENTS

THEORY

1. FABRIC STRUCTURE AND PROPERTIES RELEVANT TO CONSUMER REQUIREMENTS:

- Knits: types of structure used
- Classification: warp & weft knits
- Weft knits: plain, purl, rib & interlock
- Warp knits :tricot & rascael

2. FINISHES

- Fabric structure and properties relevant to consumer requirements such as
- Type and classifications of finishes
 - Finishes affecting appearance:
 - Bleaching, calendaring and embossing
 - Finishes affecting texture: Flocking, napping, acid finish, stiffening
 - Finishes affecting function:
 - Tentering, shrinkage control, heat setting moth and proofing, water repellency, wash -n-wear finish, mercerization, crease resistant

3. WOVEN AND NON WOVEN TEXTILES

- Brocade, Chanderi, Paithani, Maheshwari, Kanchiwaram, Patolas, Pochampalli, Ikat, Namdas and shawls of Kashmir.

PRACTICAL:

- Dyeing of cotton with direct dyes
- Dyeing of wool and silk with acid dyes
- Different types of fabrics and its origin .

Making of sample and article

- Tie & dye with various techniques
- Batik
- Block Printing

SUGGESTED DISTRIBUTION OF MARKS

Topic No.	Period Allotted (Hrs)	Marks Allotted (%)
1	18	35
2	18	35
3	12	30
Total	48	100



Subject Code : 112003

DETAILED CONTENTS**PART – I**

1. Drawing from a live model/ three dimensional body.
2. Different Colour Mediumes
3. Working from photos and converting them into fashion figures.
4. Reduction and enlargement of fashion figure.
5. Projects/sheet work for above study.

PART – II

1. Contemporary illustration :
 - a) Casual wear (Summer and Winter)
 - b) Beach wear,
 - c) Indian Wear (lehengas, fusion, salwar kameez, etc..)
 - d) Drapery,
 - e) Pant top co-ordinates/ Executive wear.
 - f) Winter wear

Note:-

1. It is important to illustrate and depict various fabric types in the above mentioned sheets e.g., sequins, silk/shiny fabrics, denims, furs etc)
2. Innovative design development of creativity.(through various collage formats)
3. Projects/sheet work for the above study.
4. To draw different fashion accessories: Hats, Gloves, Handbags, Shoes, Belts, Jewellery etc.

Subject Code : 112004**DETAILED CONTENTS**

1. Kantha of Bengal
2. Kasuti of Karnataka
3. Chikankari of Uttarpradesh
4. Kashida and Aari Work of Kashmir
5. Phulkari of Punjab
6. Gota-patti work of Rajasthan
7. Applique of Orissa

Practical Exercises

1. Creative surface ornamentation: various contemporary embroidery techniques: Appliqué (net,lace,blind etc.),patch laid work, bead work, ribbon work sequins work
2. One product should be made by students either by compiling 4-5 state embroideries or a traditional product made by single state embroidery.

Subject Code : 112005**DETAILED CONTENTS**

1. Waist Band & bows
2. Different types yokes – samples
3. Different types sleeve – Samples
4. Different types collars – Samples
5. Different types Cuffs & fusing
6. Different types of lining and interlining
7. Apron – Sample
8. Kids frock- (casual)
9. Top

The above mentioned garments to be constructed keeping in mind the functional as well as decorative aspect of a design. The choice of fabrics to be guided under supervision of the teacher.

Subject Code : 112006

DETAILED CONTENTS**THEORY****1. PATTERN MAKING TERMS:**

pattern, drafting, flat pattern making, basic pattern set, templates, working pattern, production pattern, design specification sheet, pattern chart, cost sheet, grain, warp, weft, selvedge, bias, true bias, apex, dart, dart legs, dart intake, tracing and blending, plumb line, pattern size, pivotal point, etc.

2. BODICE LENGTHS**3. TERMINOLOGY OF SKIRTS****PRACTICAL EXERCISES****4. ADAPTATION OF CHILD'S BODICE TO:**

- a. Skirt Types
(Basic, A-line, Half-circular, Full-circular, Gathered, Layered, Tiered)
- b. Frock Types
(A-Line, Formal, Jhabla, High-Waisted, Yoked)
- c. Concept of Pattern Layout

5. ADULT BODICE BLOCK**6. ADULT SLEEVE BLOCK****7. STYLE INTERPRETATION OF ANY GIVEN DESIGN****SUGGESTED DISTRIBUTION OF MARKS**

Topic No.	Period Allotted (Hrs)	Marks Allotted (%)
1	12	35
2	12	35
3	8	30
Total	32	100

L	T	P
-	-	2

Subject Code : 102007

1 Spread Sheet: Elements of Electronics Spread Sheet, Applications, Creating and Opening of Spread Sheet, Menus, Manipulation of cells: Enter texts numbers and dates, Cell Height and Widths, Copying of cells, Mathematical, Statistical and Financial function, Drawing different types of charts. **(10 periods)**

2 Presentation Software: Creating, modifying and enhancing a presentation, Delivering a presentation, Using sound, animation and design templates in presentation. **(10 periods)**

3 ICT Fundamentals: Basics of Information Communication Technology, Computer Networks and their advantages, Types of Computer Network, Network Topologies, Basics of Transmission Media **(8 periods)**

4 Internet Advanced Services: Downloading/uploading files using ftp/telnet, Chatting, Video conferencing, Online storage of data on Google and Yahoo, **(7 periods)**

PRACTICAL

Presentation Software

1. Make a presentation of College Education System using (a) Blank Presentation, (b) From Design Template, and (c) From Auto Content Wizard.
2. Make a presentation on “Wild Life”. Apply various colour schemes, and animation schemes.

Spread Sheet

1. Generation of Electricity Bill, Telephone Bill, Salary Statement of an Employee and Mark Sheet of a student etc.
2. Apply various mathematical, statistical and financial functions on any worksheet.

RECOMMENDED BOOKS

1. Microsoft Office – Complete Reference – BPB Publication
2. Learn Microsoft Office – Russell A. Stultz – BPB Publication
3. Sinha, P.K. & Sinha, Priti, Computer Fundamentals, BPB



IMPLEMENTATION

**LEARNING
OUTCOMES**

ASSESSMENT

IMPACT

LEARNING OUTCOMES GARMENT TECHNOLOGY - 1ST Year

Sr.	Title of Subject/Unit	Learning Outcomes to be	Means of Assessment
1	English Communication-I*	Communicate effectively in English with others.	Assignments and Quiz/Class tests, mid-terms and end-term written tests, models/ prototype making Actual laboratory and practical work, model/prototype making, assembly and disassembly exercises and viva-voce. Report writing presentation and viva-voce.
2	Textile Science-I	Apply basic principle and use to identified various fibres.	Assignments of collecting and study of various types of textile fibres , properties and materials Quiz/Class tests, mid-terms and end-term written tests, models/prototype making Actual laboratory and practical work , model and viva-voce. Report writing presentation and viva-voce.
3	Fashion Illustration-I	Apply basic principles of croqui study and developing fashion figures in different postures	Assignments of making sketches related to human anatomy and different perspectives using various types of medium of colors. Class tests, mid-terms and end-term, models/prototype.
4	Basic Design	Apply basic principle of design for sketching to developed designs in fashion, learn the use of line, colour, texture, shape and form .	Assignments on developing colors, patterns, shapes and lines to create design related fashion using various types of medium of colors and schemes. class tests, mid-terms and end-term.
5	Garment Fabrication -I	Apply basic principle of stitching through the introductory concepts	Assignments based on basic seams, stitching lines, garment details (tucks, pleats etc), folders, class tests, mid term tests and end term.
6	Basic Pattern Making -I	Apply basic principles of drafting a pattern on paper, to develop patterns for stitching via various forms	Assignments based on drafting tools , human anatomy with figure types, drafting styles of basic garment styles for kids, class tests, mid term and end term
7	Basic Computer Education-I*	Use of computer and IT tools for creating document, making designs and presentation.	Assignments and Quiz/Class tests, mid-terms and end-term written tests, models/prototype making Actual laboratory and practical work , model/prototype making, assembly and disassembly exercises and viva-voce. Software installation, Report writing presentation and viva-voce.

8	English Communication-II*	Communicate effectively in English with others	Drawings, Model/s, Report writing, Presentation, Mid-term, Viva-vice, Jury
9	Textile Science-II	Apply basic principle and use to identify various fibres and differentiate between woven and non-woven fabrics, learn about dyes and dyeing techniques.	Assignments of collecting and study of various types of textile fibres, properties and materials Quiz/Class tests, mid-terms and end-term written tests, models/prototype making Actual laboratory and practical work, model and viva-voce. Report writing presentation and viva-voce.
10	Fashion Illustration-II	Apply basic principles of croqui study and developing fashion figures in different postures, with garments	Assignments of making sketches related to human anatomy with photo analysis, garment details and different perspectives using various types of medium of colors. Class tests, mid-terms and end-term, models/prototype.
11	Traditional Embroidery	Apply traditional techniques of state embroideries and developing designs.	Assignments based on creative samples of traditional embroideries, class tests, mid term and end term tests.
12	Garment Fabrication -II	Apply basic principle of stitching through the introductory concepts and developing collars and sleeves	Assignments based on developing garment types along with details like collars, sleeves, necklines etc, folders, class tests, mid term tests and end term.
13	Basic Pattern Making - II	Apply basic principles of drafting a pattern on paper, to develop patterns for stitching via various forms starting with child's garments, collars, necklines, sleeves and the art of layout.	Assignments based on drafting styles of basic garment styles for kids(different types of garment details), class tests, mid term and end term.
14	Basic Computer Education-II*	Use of computer and IT tools for creating document, making designs and presentation.	Assignments and Quiz/Class tests, mid-terms and end-term written tests, models/prototype making Actual laboratory and practical work, model/prototype making, assembly and disassembly exercises and viva-voce. Software installation, Report writing presentation and viva-voce.