

**CURRICULUM  
FOR  
FIRST SEMESTER OF  
THREE-YEAR  
DIPLOMA COURSES IN  
POLYTECHNICS  
OF  
UNION TERRITORY OF  
JAMMU AND KASHMIR**

**CURRICULUM**

**FOR**

**FIRST SEMESTER**

**DIPLOMA IN**

**GARMENT TECHNOLOGY**

**(GT)**

**SUBJECT STUDY SCHEME**

Course code	Subjects	TIME IN HOURS				CREDITS			
		Theory	Tutorial	Practical	Total	Theory	Tutorial	Practical	Total
HS 101	Language and Communication Skill	3	—	—	3	3	0	—	3
GT 101	Textile science Theory	2	—	—	2	2	0	—	2
GT 102	Textile science Practical	—	—	2	2	—	0	1	1
GT 103	Basic Design Theory	2	—	—	2	2	—	—	2
GT 104	Basic Design Practical	—	—	4	4	0	0	2	2
GT 105	Basic pattern making and style interpretation Theory	2	—	—	2	2	0	—	2
GT 106	Basic pattern making and style interpretation Practical	—	—	4	4	—	—	2	2
GT 107	Fashion illustration	—	—	4	4	—	—	2	2
GT 108	Garment construction practical	—	—	6	6	—	—	3	3
HS 109	Language and Communication Skill Lab	—	—	2	2	—	—	1	1
HS 110	Self Learning/Life Skills	2	—	—	2	2	—	—	2
	<b>Total</b>	<b>11</b>	<b>—</b>	<b>22</b>	<b>33</b>	<b>11</b>	<b>—</b>	<b>11</b>	<b>22</b>

<b>PROGRAM : THREE YEARS DIPLOMA PROGRAM IN GARMENT TECHNOLOGY</b>	
Course Code : HS 101	Course Title: Language and Communication skills
Semester : 1 <sup>st</sup>	Credits: 3
Periods per week: <b>3 (L:3 T:0 P:0)</b>	

**Course Objectives:** This course is designed to introduce students to various kinds of technical and professional communication. During the course, you will become familiar with technical communication, receive feedback from and provide feedback to others on writing drafts and revisions, discover the role good listening, speaking, reading, and writing skills plays in effective technical communication. The students will learn and experience ways to communicate effectively, particularly audience awareness and communication through technology and also learn ways to groom their personality. The students will find these vignettes beneficial for keeping and honing learning skills in their interpersonal communication as well as communication at workplace, and dispose them of wallowing in unhappy isolation. Above all, it will develop requisite skills among the students which in turn will enhance the employability of students. We hope the students will enjoy it with facility and felicity

**Prior learning requirements: NIL**

## **COURSE CONTENT**

### **UNIT 1: COMMUNICATION: THEORY AND PRACTICE (12 Hours)**

- Basics of communication: Introduction, meaning and definition, process of communication etc.
- Types of communication: formal and informal, verbal, non-verbal and written Barriers to effective communication.
- 7 Cs for effective communication (considerate, concrete, concise, clear, complete,

correct, courteous).

- Art of Effective communication,
  - Choosing words
  - Voice o Modulation o Clarity
  - Time
  - Simplification of words
- Technical Communication

## **UNIT 2: SOFT SKILLS FOR PROFESSIONAL EXCELLENCE (12Hours)**

- Introduction: Soft Skills and Hard Skills.
- Importance of soft skills.
- Important types of soft skills : Interview skills, Presentation skills, Group Discussion
- Life skills: Self-awareness and Self-analysis, adaptability, resilience, emotional intelligence, and empathy etc.
- Case Studies

## **UNIT 3: READING COMPREHENSION (12 Hours)**

Comprehension, vocabulary enhancement, and grammar exercises based on reading of the following texts:

### **Section-1**

Malgudi Days: R.K. Narayan  
The Room on Roof: Ruskin Bond  
"The Gift of the Magi" by O. Henry "  
The Cock –fight by Amin Kamil

### **Section-2**

Night of the Scorpion by Nissim Ezekiel,  
Stopping by Woods on a Snowy Evening by Robert Frost,  
Where the Mind is Without Fear by Rabindranath Tagore,  
Ode to Tomatoes by Pablo Neruda,

## **UNIT 4: PROFESSIONAL WRITING**

**(12 Hours)**

- The art of precis writing,
- Letters: business and personnel,
- Drafting e-mail, notices, minutes of a meeting, Job Application, CV/Resume writing etc.
- Filling-up different forms such as banks and on-line forms for placement etc.

### **Course Outcome:**

After completion of this course the student will be able to:

#### **UNIT 1**

- Develop Verbal, Non-Verbal Communication such as proper use of body language and gestures.
- Develop the latest trends in basic verbal activities such as presentation and other forms of oral communication.

#### **UNIT 2**

- Learn Soft as well as hard skills.
- Master their life skills.

#### **UNIT 3**

- Comprehend different words in the context which in turn will enhance their Vocabulary and grammar.
- Read Correctly.

#### **UNIT 4**

- Develop writing skills including proper use of Language, & Vocabulary.
- Learn different formats of writing skills.

**Recommended Books:**

- 1) J.D. O'Connor. Better English Pronunciation. Cambridge: Cambridge University Press, 1980
- 2) Kulbhushan Kumar, Effective Communication Skills, Khanna Publishing House, New Delhi (Revised Edition 2018)
- 3) M. Ashraf Rizvi. Effective Technical Communication. Mc-Graw Hill: Delhi, 2002.
- 4) John Nielson. Effective Communication Skills. Xlibris, 2008.
- 5) Oxford Dictionary
- 6) Roget's Thesaurus of English Words and Phrases
- 7) Collin's English Dictionary

**UNIT WISE TIME AND MARKS DISTRIBUTION**

<b>UNIT NO</b>	<b>TIME (HOURS)</b>	<b>MARKS</b>
01	12	25
02	12	25
03	12	25
04	12	25
<b>TOTAL</b>	<b>48</b>	<b>100</b>

<b>PROGRAM: THREE YEARS DIPLOMA PROGRAM IN GARMENT TECHNOLOGY</b>	
Course Code : GT 101	Course Title : Textile Science(THEORY)
Semester : <b>1<sup>st</sup></b>	Credits: <b>2</b>
Periods per week: <b>2 (L:2 T:0 P: 0)</b>	

**Course Objectives:-**

To understand the knowledge and skills related to textile science is essential to provide a comprehensive insight into the basic knowledge about fibers, yarns and relevant properties affecting the ultimate performance and use of fabrics by the consumer.

**Prior learning requirements:** The student shall have the basic knowledge regarding origin of fiber , yarn and fabric.

**COURSE CONTENT**

**Unit 1 : Introduction to Textile fiber, yarn & fabric.**

- a) Classification of textile fibers
- b) Important properties of fibers :- cotton, wool, silk, Polyester( Physical & chemical Properties)
- c) Importance and need of identification of textile fibers
- d) Care of – cotton ,silk ,Wool .

**Unit 2: Yarn Processing.**

- a) Elementary knowledge of spinning of :-
  - 1) Cotton
  - 2) Wool
  - 3) Silk
- b) Introduction of yarn and types of yarn –Single, Ply, Cord



### **Unit 3 : Introduction of weaving.**

- a) Preparation for weaving
- b) Types of Looms - Conventional loom, automatic and shuttle less loom
- c) Types of weaves
- d) Weaving defects

### **Unit 4: Introduction of fabric count.**

- a. Determine the fabric count (thread count) balance of cloth
- b. Introduction to Non-woven
  - i) felting
  - ii) Bonding

### **Course outcome:**

After completion of this course the student will be able to:

#### **Unit 1**

- Understand the concept of fiber
- Identify the different fibers
- Visualize & identify the different fibers

#### **Unit 2**

- Understand the various systems of yarn spinning Process
- Understand the process of yarn making.

#### **Unit 3**

- Learn the process of weaving operation on loom .
- Learn the various weaving defects.

#### **Unit 4**

- Understand the fabric count.
- Identification of woven fabrics.

### RECOMMENDED BOOKS

1. Understanding Textiles by Phyllis Tortora, Macmillan publishing co. New York
2. Modern Textiles by Rothy Siegert Lyle, Wiley, John & Sons, Incorporated (USA)
3. Encyclopedia of Textiles, Fibers and Non-woven Fabrics, Kohli Publishers, 34 Industrial Area, Phase –II, Chandigarh
4. Textiles Fiber to Fabric – P Corbman, A Wynne, Mac Milan Publishers, London
5. Fabric Science by Joseph Pizzuto, A&C Black Publishers Ltd. (New York)
6. Essentials of Textiles by Marjery Josphe; Holt, Rinehart and Winston, Inc, UBS Publishers Distributors Ltd. New Delhi

### SUGGESTED DISTRIBUTION OF MARKS

Topic No.	Time (Hrs)	Marks Allotted (%)
1	10	30
2	7	25
3	10	30
4	5	15
<b>Total</b>	<b>32</b>	<b>100</b>

<b>PROGRAM: THREE YEARS DIPLOMA PROGRAM IN GARMENT TECHNOLOGY</b>	
Course Code : GT 102	Course Title : Textile Science (Practical)
Semester :1 <sup>st</sup>	Credits: 1
Periods per week: 2 (L:0 T:0 P: 2)	

**Course Objectives:-**

The understand the knowledge and skills related to textile science is essential to provide a comprehensive insight into the basic knowledge about fibers, yarns and relevant properties affecting the ultimate performance and use of fabrics by the consumer.

**Prior learning requirements:** The student shall have the basic knowledge regarding fiber, yarn and fabric.

**COURSE CONTENT**

**Unit 1 : Introduction to Textile fiber, yarn & fabric**

- a) Physical analysis of fabrics composed of different fibers like cotton, wool, silk, polyester
- b) Visual examination of fibers and yarns

Identification of fibers in a fabric sample through:

- Burning test
- Microscopic test
- Chemical test (Solubility Test)

- c) Demonstration of washing of silk, wool and cotton

## **Unit 2: Yarn Processing**

- a) Visit to Spinning Mill or show relevant video films to understand the various systems of yarn spinning – staple, filament and spun filament yarns
- b) Sample collection of :-
  - Fabrics using simple yarns

## **Unit 3 : Introduction of weaving**

- a) The Basic weaving operations on basic loom- and the functions of same
- b) Visit to Mill units producing, wovens and non-wovens to understand type of looms and processes or relevant video film may be shown
- c) Prepare a sample of fabrics available under each category of weave.

## **Unit 4: Introduction of fabric count**

- a) To determine fabric count (thread count)
- b) To identify the woven fabrics for:
  - i) warp & weft
  - ii) Face & back

**Course Outcome:**

After completion of this course the student will be able to:

**Unit 1**

- Understand the concept of fiber
- Learn to identify the different fibers
- Learn To visualize the different fibers

**Unit 2**

- To understand the different spinning Process
- To understand the process of yarn making.

**Unit 3**

- Learn the weaving operation on looms
- To know about different types of weaves & their defects

**Unit 4**

- Learn to determine fabric count
- Learn to identify the woven fabrics

**RECOMMENDED BOOKS**

1. Understanding Textiles by Phyllis Tortora, Macmillan publishing co. New York
2. Modern Textiles by Rothy Siegert Lyle, Wiley, John & Sons, Incorporated (USA)
3. Encyclopedia of Textiles, Fibers and Non-woven Fabrics, Kohli Publishers, 34 Industrial Area, Phase –II, Chandigarh
4. Textiles Fiber to Fabric – P Corbman, A Wynne, Mac Milan Publishers, London
5. Fabric Science by Joseph Pizzuto, A&C Black Publishers Ltd. (New York)
6. Essentials of Textiles by Marjery Josphe; Holt, Rinehart and Winston, Inc, UBS Publishers Distributors Ltd. New Delhi
7. Textile Fibers and their Uses by KP Hes, Khanna Publishers, Delhi

**SUGGESTED DISTRIBUTION OF MARKS**

<b>Topic No.</b>	<b>Time Allotted (Hrs)</b>	<b>Marks Allotted (%)</b>
1	10	30
2	7	25
3	10	30
4	5	15
<b>Total</b>	<b>32</b>	<b>100</b>

<b>PROGRAM: THREE YEARS DIPLOMA PROGRAM IN GARMENT TECHNOLOGY</b>	
Course Code : GT 103	Course Title : Basic Design (THEORY)
Semester :1 <sup>st</sup>	Credits: 2
Periods per week: <b>2 (L:2 T:0 P: 0)</b>	

### Course Objectives :-

The knowledge and skill related to basic design is essential for the students of diploma program of Garment technology in order to develop the understanding regarding how to make a design using lines, dot, shape and color combination

**Prior learning requirements:** The students should know the basic Knowledge of elements of drawing and design

### COURSE CONTENT

#### Unit 1 Lines – Introduction of lines

- a) 1)Horizontal
- 2) vertical
- 3) Zigzag
- 4)diagonal, curve
- 5) wavy lines

- b) Shape and Form

- Geometrical
- Realistic
- Stylized
- Abstract
- Different types of Silhouettes

## **Unit 2 Concept of Color**

- a) Concept of primary, secondary and tertiary colors
- b) Color-wheel
- c) Color Scheme – Mono-chromatic, complimentary and split complimentary Colors
- d) Hue, value & Intensity
- e) Tints & shades,
- f) Achromatic Colors
- g) Warm, cool, Transparent & opaque Colors

## **Unit 3 Textures**

Different types of textures, identification and suitability of textures for different garments.

## **Unit 4 Principles of Design**

Understanding the Principles of Design

- a. Rhythm
- b. Harmony
- c. Proportion
- d. Balance
- e. Emphasis

## **Unit 5 Collage**

Collage and its types – relief and flat

## **COURSE OUTCOME**

After completion of this course the student will be able to:

### **Unit 1**

- Understand the use of geometrical shapes and abstract designs

### **Unit 2**

- understand the concept colors
- understand the different color schemes



### Unit 3

- understand the concept of different types of textures
- identify different textures for different garments
- understand the use of lines

### Unit 4

- understand the different principles of design.

### Unit 5

- To understand how to make useful things from waste material

## RECOMMENDED BOOKS

1. Fashion Drawing Designs; Magazine of Thailand, New Age Publishers, Delhi
2. Pattern Designs for Haute Couture, Volume 1, New Age Publishers, Delhi
3. Fashion Drawing – The Basic Principles by Anne Allen and Julion seaman, Haper & Row, New York
4. Latest Fashion Style by Winter Hiver, New Age Publishers, Delhi
5. Jasmine's New Look, On Indian Fashion Scene, Haper and Row, New York
6. Lifestyles: Fashion Styles by Katheryn Samuel, McGraw Hill Book Co. New York

## SUGGESTED DISTRIBUTION OF MARKS

Topic No.	Time Allotted (Hrs)	Marks Allotted (%)
1	10	20
2	10	30
3	7	20
4.	3	15
5	2	15
<b>Total</b>	<b>32</b>	<b>100</b>

<b>PROGRAM: THREE YEARS DIPLOMA PROGRAM IN GARMENT TECHNOLOGY</b>	
Course Code : GT 104	Course Title : Basic Design (Practical)
Semester :1 <sup>st</sup>	Credits: 2
Periods per week: <b>4(L: 0 T: 0 P: 4)</b>	

### **Course Objectives:-**

The knowledge and skill related to basic design is essential for the students of diploma program of Garment technology in order to develop the understanding regarding how to make a design using lines, dot, shape and color combination

**Prior learning requirements:** The students should know the basic Knowledge of elements of drawing and design

### **COURSE CONTENT**

#### **Unit 1 Lines – Introduction of lines Illustrate different types of lines**

- 1) Horizontal
- 2) Vertical
- 3) Zigzag
- 4) Diagonal, curve
- 5) Wavy lines

- Exercise on optical illusion created by different types of lines
- Sketching of different shapes and forms
- Different Silhouettes
- Exercise on Replica and Enlargement using basic Shapes

## **Unit 2 Concept of Color**

Corresponding color exercises on color to be carried out for all topics

## **Unit 3 Textures**

Exercises on different types of textures

## **Unit 4 Principles of Design**

Corresponding exercises with rhythm, harmony, proportion, balance and emphasis, explaining, Principles of design

## **Unit 5 Collage**

Making collage with waste material  
Making collage with paper  
Making collage with fabrics

**Course Outcome:**

After completion of this course the student will be able to:

**Unit 1**

- Understand the use of lines
- Understand the use of geometrical shapes and abstract designs

**Unit 2**

- Understand the concept colors
- Understand the different color schemes

**Unit 3**

- Understand the concept of different types of textures
- Identify different textures for different garments

**Unit 4**

- Understand various styles of design

**Unit 5**

- Understand how to make useful designs from waste material

**Note:** The teacher should encourage the students to do market surveys, field visits, fairs and exhibition visits to understand the elements and principles of design.

**All the Practical exercises should be done on Drawing Files of Large size (16x16 inches)**

### RECOMMENDED BOOKS

- 1 Fashion Drawing Designs; Magazine of Thailand, New Age Publishers, Delhi
- 2 Pattern Designs for Haute Couture, Volume 1, New Age Publishers, Delhi
- 3 Fashion Drawing – The Basic Principles by Anne Allen and Julion seaman, Haper & Row, New York
- 4 Latest Fashion Style by Winter Hiver, New Age Publishers, Delhi
- 5 Jasmine's New Look, On Indian Fashion Scene, Haper and Row, New York

Topic No.	Time Allotted (Hrs)	Marks Allotted (%)
1	20	20
2	20	30
3	10	20
4.	7	15
5	7	15
<b>Total</b>	<b>64</b>	<b>100</b>

<b>PROGRAM: THREE YEARS DIPLOMA PROGRAM IN GARMENT TECHNOLOGY</b>	
Course Code : GT 105	Course Title : Basic Pattern Making And Style Interpretation - I(THEORY)
Semester :1 <sup>st</sup>	Credits: 2
Periods per week: 2 (L:2 T:0 P: 0)	

**Course Objectives: -**

The students should know various considerations in making of garments, in corporation of standard measurements, scope and importance of drafting and pattern making so that they are able to take measurements themselves, interpret the style of any given design and make the pattern.

**Prior learning requirements:** The Students shall have the basic knowledge regarding

1. Principles of taking Standard measurements
2. Methods of developing the paper pattern

**COURSE CONTENT**

**Unit 1 Introduction to standard measurements**

Standard measurement charts, methods of taking measurements (direct, indirect, landmarks)

Classification of measurements – circumference, horizontal and vertical measurements

**Unit 2 Drafting and its importance**

- a) Drafting and its importance
- b) Methods of developing pattern- working Pattern and Final Pattern

**Unit 3 Pattern making tools**

Pins and pin holders, scissors, measuring tapes, French curves, scales, notched, tracing wheel, pattern papers, markers etc.

#### **Unit 4 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, truing and blending, plumb line, vertical, horizontal and perpendicular lines, symmetrical and asymmetrical lines, style no., pattern size, pivotal point, pattern manipulation

#### **Unit 5 Introduction to style interpretation**

Meaning of style interpretation, Method and benefits of style interpretation.

#### **Course Outcome:**

After completion of this course the student will be able to:

#### **Unit 1**

- understand the use of standard measurement chart
- take measurements

#### **Unit 2**

- understand the procedure of pattern making

#### **Unit 3**

- Use different pattern making tools

#### **Unit 4**

- understand the different terminology while making the pattern

#### **Unit 5**

- understand the style and design on a given theme

### RECOMMENDED BOOKS

1. Pattern Making for Fashion design by Helen Joseph Armstrong, Harper & Row, New York
2. System of cutting by Zarapkar, Navneet Publications India limited

### SUGGESTED DISTRIBUTION OF MARKS

Topic No.	Time Allotted (Hrs)	Marks Allotted (%)
1	10	20
2	10	20
3	3	15
4	7	30
5	2	15
<b>Total</b>	<b>32</b>	<b>100</b>



<b>PROGRAM: THREE YEARS DIPLOMA PROGRAM IN GARMENT TECHNOLOGY</b>	
Course Code : GT 106	Course Title : Basic Pattern Making And Style Interpretation - (Practical)
Semester :1 <sup>st</sup>	Credits: 2
Periods per week: <b>4 (L: 0 T: 0 P: 4)</b>	

**Course Objectives: -**

The students should know various considerations in making of garments, in corporation of standard measurements, scope and importance of drafting and pattern making so that they are able to take measurements themselves, interpret the style of any given design and make the pattern.

**Prior learning requirements:** The Students shall have the basic knowledge regarding

1. Principles of taking Standard measurements
2. Methods of developing the paper pattern

**COURSE CONTENT**

**Unit 1 Introduction to standard measurements**

- Taking measurements directly from body
- Taking measurements from the garments
- Care while taking the body measurements
- Introduction and demonstration of:
  - a) Equipment used
  - b) Grain
  - c) Seam allowances/ease
  - d) Preparation of fabric
  - e) Landmarks on a dress form – for Draping
  - f) Squares and scales
  - g) French curve – for arm hole, necklines etc.

## **Unit 2 Drafting and its importance**

Drafting of:- Child's bodice block and sleeve block from (Age =3- 10 years)

## **Unit 3 Pattern making tools**

Drafting of Child's :-

- a) Different types of sleeves
- b) Different types of collars
- c) Different types of necklines

## **Unit 4 Pattern making terms**

Adaptation of

- a) Apron
- b) Bloomer
- c) Romper
- d) Drafting of baby Frock with yoke of age 3 years

### **Course Outcome.**

After completion of this course the student will be able to:

#### **Unit 1**

- Understand the use of standard measurement chart
- Take measurements

#### **Unit 2**

- Understand the procedure of making Childs block

#### **Unit 3**

- Understand the procedure of making on given topics

#### **Unit 4**

- Adept on given topics

**Note:**

**The students may be taken to the nearby manufacturing organizations to demonstrate various pattern making and style interpretation processes**

**RECOMMENDED BOOKS**

- 1 Pattern Making for Fashion design by Helen Joseph Armstrong, Harper & Row, New York
- 2 System of cutting by Zarapkar, Navneet Publications India limited

**SUGGESTED DISTRIBUTION OF MARKS**

<b>Topic No.</b>	<b>Time Allotted (Hrs)</b>	<b>Marks Allotted (%)</b>
1	10	10
2	20	30
3	14	30
4.	20	30
<b>Total</b>	<b>64</b>	<b>100</b>

<b>PROGRAM: THREE YEARS DIPLOMA PROGRAM IN GARMENT TECHNOLOGY</b>	
Course Code : GT 107	Course Title : Fashion Illustration - (Practical)
Semester : <b>1<sup>st</sup></b>	Credits: <b>2</b>
Periods per week: <b>4(L: 0 T: 0 P: 4)</b>	

**Course Objectives: -**

The skill in fashion illustration is essential for the students of garment technology so as to develop in them the creativity and ability to illustrate different types of figures and dresses in different color media. After going through this subject, the student of garment technology will be able to illustrate different types of figures and dresses.

**Prior learning requirements:** -The Students shall have the basic knowledge regarding the principles of making basic normal figures and fashion figures

**COURSE CONTENT**

1. a) Introduction of drawing equipments and tools  
 b) Drawing of stick figure – (9 1/2 head, 10 1/2 head and 12 1/2 head , 14 1/2 head)  
 c) Drawing of stick figures in different poses.
2. a) Practice of Child figures from 6 - 10 years  
 b) Drawing of block figure (7 1/2 & 8 1/2 head),
3. a) Drawing of block fashion figure (9 3/4 head, 10 1/2 head and 12 1/2 head , 14 1/2 head)  
 b) Drawing of fashion block figure (side view, 9 1/2 head, 10 1/2 head)
4. a) Drawing of fashion block figure in 4/3th view ( Oblique View)  
 b) Drawing of Flesh Figure (1) front Pose (2) side Pose (3) Oblique pose
5. a) Practice on sketching of child's hands, foot, shoes, face shape, hair style.  
 b) Practice on sketching of Adults arms, hands, legs, foot, shoes, face shape, hair style
6. Sketch drawing of the following:  
 a) Collars ,sleeves, necklines.

**COURSE OUTCOME:**

After the completion of the course, the student will be able to:

- understand drawing tools and equipment
- understand drawing of basic figures
- understand various styles of designs

**RECOMMENDED BOOKS:**

1. Design Ideas & accessories by Ritu Bhargav
2. Fashion Illustration & rendering by Ritu Bhargav
3. Figure drawing for fashion design by Elisabetta Drudi
4. Fashion Sketch Book by Bina Abling
5. Indian fashion designs by K Prakash
6. Illustrating Fashion by Kathryn McKelvey & Janine Munslow
7. Fashion Design drawing & Presentation by Patrick John Ireland

**Note:- The teacher should encourage the students to do market surveys, field visits ,fairs and exhibitions.**

**All the Practical exercises should be done on Drawing Files Of Large size(16"x16")**

**SUGGESTED DISTRIBUTION OF MARKS**

<b>Topic No.</b>	<b>Time Allotted (Hrs)</b>	<b>Marks Allotted (%)</b>
1	14	20
2	10	20
3	10	15
4.	10	15
<b>5</b>	10	15
<b>6</b>	10	15
<b>Total</b>	<b>64</b>	<b>100</b>

<b>PROGRAM: THREE YEARS DIPLOMA PROGRAM IN GARMENT TECHNOLOGY</b>	
Course Code : GT108	Course Title : Garment Construction- (Practical)
Semester :1 <sup>st</sup>	Credits: <b>3</b>
Periods per week: <b>6 (L: 0 T: 0 P: 6)</b>	

**Course Objectives:-**

The diploma holders in garment technology are supposed to fabricate various components of garments such as pleats and gather, darts, tucks etc., as per measurements and go for mass production for all ages and size. The subject deals with basics of garment construction technology.

**Prior learning requirements:** The students shall have basic knowledge regarding

- 1) Tools and equipments for cutting
- 2) Operation of sewing machine

**COURSE CONTENT**

- 1) a) Tools and equipment used in measuring, marking, cutting, sewing and finishing of garments
  - Practice of various tools and equipments used in measuring, marking, cutting, sewing and finishing of garments
- b) Parts of sewing machine and its operation
  - Practice of sewing machine and its maintenance
- c) Sewing machine- its defects and remedies
- d) Straight line, square, concentric square, curved, circle
  - Machine control exercises on speed control, paper exercises, fabric exercises

- 2) a) Basic Hand stitches e.g. basting, tacking, hemming, button hole
  - Making samples of basic hand stitches/Seams (Make a file of samples for Presentation)
- b) Basic Machine stitches/ Seams-Different types of machine stitches and seams
  - Practice on various samples of machine seam – plain, run and fell, French, lapped seam, top seam, slot seam, beading( Make a file of samples for Presentation)
- 3) Gathers, pleats, Shirring, darts, tucks and its variations
  - Preparation of gathers pleats darts, shirring, tucks variations and make samples of all the exercises
- 4) Finishing different necklines – bias binding, bias facing, shaped facing
  - Preparation of samples of different necklines using bias binding, bias facing and shaped facing
- 5) Attaching fasteners – hooks, snapes, loops, button, Velcro
  - Practice on various types of fasteners
- 6) Types of Plackets-Two-Piece, continuous and Kurta Placket
  - Preparation of samples of different Plackets (Make a file of samples for presentation)

**COURSE OUTCOME:**

After the completion of this course, the student will be able to :-

- Handle and maintain sewing machine.
- Understand the use of different trims.
- Fabricate the garments

## RECOMMENDED BOOKS

1. Clothing Construction by Doongaji, Raj Parkashan, New Delhi
2. System of Cutting by Zarakar, Navneet Publications (India) Ltd.
3. Basic Processes and Clothing Construction by Sherie Doongaji and Raushini Despand e. McGraw Hill Book Co. Inc. New York
4. Simplicity Revised ABC of Short-Cut Sewing, UBS Publishers & Distributors Pvt. Ltd. New Delhi.
5. Stitch by Stitch by Tarstar Books, UBS Publishers Distributors Ltd. New Delhi
6. Complete Guide to sewing by Reader's Digest, Pitman Publishing Corporation, New York.

## SUGGESTED DISTRIBUTION OF MARKS

Topic No.	Time Allotted (Hrs)	Marks Allotted (%)
1	12	13
2	12	13
3	12	13
4.	20	20
<b>5</b>	20	20
<b>6</b>	20	21
<b>Total</b>	<b>96</b>	<b>100</b>



<b>PROGRAM : THREE YEARS DIPLOMA PROGRAM IN GARMENT TECHNOLOGY</b>	
Course Code : HS 109	Course Title: Language and Communication skills Lab
Semester : 1 <sup>st</sup>	Credits: <b>01</b>
Periods per week: <b>2 (L:0 T:0 P:2)</b>	

**Course Content:**

**Unit 1: Listening Skills**

Listening Process and Practice: Introduction to recorded lectures, poems, interviews and speeches, listening tests.

**Unit 2: Introduction to Phonetics**

Sounds: Consonant, Vowel, Diphthongs. Syllable division, word stress, intonation, voice etc.

**Unit 3: Speaking Skills**

Introducing oneself and others

Standard and formal speech: Group discussion, oral presentations, public speaking etc.

Conversation practice and role playing, mock interviews etc.

**Unit 4: Building vocabulary**

Antonyms and Synonyms, Prefix and Suffix, Phrasal verbs, idioms and phrases. Word exercises and word games to enhance self-expression and vocabulary.

**Recommended Books:**

1. James Hartman & et al. Ed. English Pronouncing Dictionary. Cambridge: Cambridge University Press, 2006.
2. Kulbhushan Kumar, Effective Communication Skills, Khanna Publishing House, New Delhi (Revised Ed. 2018)

<b>PROGRAM : THREE YEARS DIPLOMA in GARMENT TECHNOLOGY</b>	
Course Code : HS 110	Course Title: - Self learning/Life skills
Semester : 1 <sup>st</sup>	Credits: <b>02</b>
Periods per week: <b>2 (L:2 T:0 P:0)</b>	

**Course Objective:-**

**Self Learning /Life skills :-** The self-learning plays a very important role in the learning process and needs due credit Extra learning outside Institutional timing and online/digital learning needs encouragement. Apart from this participation in debates, seminars, sports and Extra- co curricula activities shall be given due importance and credit. Participation by student in such activities needs to be given due importance and credit. Apart from knowledge and skill, developing right attitude is of great significance in the real life situations. This can be better achieved by introducing the life skills and capability of handling the real life future challenges and situations. Activities in sports, Yoga and other activities plays a role in physical and psychological development and must form a part in the institutional processes. Prior learning of the student also needs to be given due credit.

The introduction of this course is to introduce these activities and award them on choice of student.

**Contents of the Course:**

- Concept and need of life skills
- Self-awareness
- Decision making
- Problem solving
- Effective communication
- Interpersonal relations
- Stress management
- Empathy
- Critical thinking

**Course Outcome:**

After completion of this course the student will be able to:

- Identify different skills required in personal and professional life.
- Develop Consciousness of self.
- Use critical thinking and decision-making skill to solve problems.
- Communicate effectively with others.
- Establish interpersonal relations
- Apply techniques to cope with emotions and stress.

**Implementation:** - At the start of the semester the HOD/Academic in-charge may register the student for course of life skill or may be given a choice to register for any online course activity . Such course and activity need to be monitored, evaluated, and shall be given credits as prescribed.