

**DIPLOMA IN TEXTILE DESIGNING**

**COMMUNICATION SKILLS**

(1)

**Teaching Scheme**

Period of 1. Hour		
Th.	Pr.	Tut.
3	-	2

**RATIONALE**

Proficiency in Communication Skills is one of the basic needs of technical students. A technician has to communicate all the time with peers, superiors, subordinates and clients in his professional life.

A study conducted by the Curriculum Development Centre has revealed that the Diploma passouts do not possess adequate communication skills in English. The industries surveyed have accorded high priority to the following basic communication skills:

1. Express ideas effectively in English in oral form.
2. Express views in English in written form effectively.
3. Write brief and precise proposals and reports.
4. Write letters of different types.
5. Lead group discussions and meetings independently in English.

The Curriculum of Communication Skills course has been revised following the skill based approach. This curriculum aims at developing the basic two Communication Skills:

1. Express ideas effectively in English in oral form, and
2. Express views in English in written form effectively.

The remaining skills will be developed through other courses of the diploma programmes.

While teaching this course the model for skill Development(Practice-Feedback-Practice) will be adopted. Thus the language skills(Listening, Speaking, Reading and Writing) which facilitate effective communication, will be developed among the students. More emphasis will be laid on

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developing Communication Skills in classroom instruction including tutorials through intrusive practice.

### COMMUNICATION SKILLS

- 1.0 EXPRESS IDEAS EFFECTIVELY IN ENGLISH IN ORAL FORM.
- 2.0 EXPRESS VIEWS IN ENGLISH IN WRITTEN FORM EFFECTIVELY.

#### PART ONE : PASSAGES FOR COMPREHENSION

##### 1.0 EXPRESS IDEAS EFFECTIVELY IN ENGLISH IN ORAL FORM

List of Major Skills to be developed through this part have been derived from the above basic Communication Skills.

- 1.1 Ask pertinent questions as well as to answer them.
- 1.2 Follow oral instructions and interpret them to others.
- 1.3 Explain salient features of product/process.
- 1.4 Read by word groups rather than word by word both in silent as well as oral reading.
- 1.5 Present oral summary of topics read or heard.
- 1.6 Use dictionaries and other reference books.
- 1.7 Adjust the speed of reading for newspapers, text-book, letters etc.

##### 2.0 EXPRESS VIEWS IN ENGLISH IN WRITTEN FORM EFFECTIVELY

List of Major Skills to be developed through this part have been derived from the above basic Communication Skills.

- 2.1 Write single sentence/multiple sentences answers to questions.
- 2.2 Take down lecture notes while listening.
- 2.3 Develop detailed write-ups from lecture notes.
- 2.4 Comprehend main ideas and reproduce them.
- 2.5 Describe an object, process or procedure.
- 2.6 Write summary of passage or an article.
- 2.7 Write precis of unseen passages.
- 2.8 Write free composition on various topics.
- 2.9 Write guided compositions on different topics.
- 2.10 Given a passage use substitutes for identified words and expressions.
- 2.11 Draw out relationship between details and main points.

#### PASSAGES FROM PART ONE OF THE TEXT BOOK:

- 1. The Language of Science.
- 2. My Thousandth Goal.
- 4. New Wonders in Cameras.
- 5. Rip Van Winkle comes to Town.
- 7. Safety Practices.
- 9. Robotic Revolution.
- 12. Entrepreneurship .

**PART TWO : STORIES**

**1.0 EXPRESS IDEAS EFFECTIVELY IN ENGLISH IN ORAL FORM.**

**List of Major Skills to be developed through this part.**

- 1.1 Ask pertinent questions as well as to answer them.
- 1.2 Follow oral instructions and interpret them to others.
- 1.3 Explain salient features of product/process.
- 1.4 Read by word groups rather than word by word both in silent as well as oral reading.
- 1.5 Present oral summary of topics read or heard.
- 1.6 Use dictionaries and other reference books.
- 1.7 Adjust the speed of reading for newspaper, text book, letters etc.

**2.0 EXPRESS VIEWS IN ENGLISH IN WRITTEN FORM EFFECTIVELY**

- 2.1 Write single sentence/multiple structure answers to questions.
- 2.2 Take down lecture notes while listening.
- 2.3 Develop detailed write-ups from lecture notes.
- 2.4 Comprehend main ideas and reproduce them.
- 2.5 Write summary of passage or an article.
- 2.6 Write precis of unseen passages.
- 2.7 Write guided compositions on different topics.
- 2.8 Write free composition on various topics.
- 2.9 Given a passage use substitutes for identified words and expressions.
- 2.10 Draw out relationship between details and main points.
- 2.11 Restate main points/theme of what read.

**STORIES FROM PART TWO OF THE TEXTBOOK:**

3. The Malefactor
4. An Astrologer's Day
5. The Last Leaf

**PART THREE: GRAMMAR**

List of Supportive Skills to be developed through this part:

1. Construct grammatically correct sentences.
2. Use grammatical items in sentences.
3. Use grammatical items in paragraph writing .

**TOPICS FROM PART THREE OF THE TEXTBOOK:**

1. Determiners
2. Auxiliary verbs
3. Tenses
4. Tenses in conditional sentences
5. Subject Verb Agreement
6. The Passive
7. Infinitives
8. Prepositions
10. Clauses and Connectors

**LANGUAGE COMPONENTS**

Language Components form Sr. No. 1 to 5 should be integrated while teaching selected Passages and Stories from Part One and Part Two of the Text Book.

Unseen passages on technical and general topics should be selected from other sources in order to develop stated skills.

Supportive Skills to be developed through Vocabulary Items.

1. Use words and expressions appropriate to audience (peers, superiors, subordinates and others) occasions and purposes.
2. Read/write new words from various media.
3. Enrich vocabulary through reading.

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4. Use dictionaries and other reference books.
5. Use word formation devices (prefixes, suffixes) & lexical inflections.
6. Given a passage use substitutes for identified words and expressions.
7. Use new words in sentences.

### **1 Vocabulary Items:**

- 1.1 Word forms.
- 1.2 One word substitute.
- 1.3 Phrases
- 1.4 Pairs of words

### **2. Passages for Comprehension:**

Major Skills as listed in Part One and Part Two above.

Supportive Skills:

- 2.1 Write single sentence answers to questions.
- 2.2 Write multiple sentence answers to questions.

### **3. Paragraphs for Summarising :**

\* Supportive Skills:

- 3.1. Write precis of the given passage in one third of its length.
- 3.2. Write a suitable title to the precis.

### **4. Guided and Free Composition :**

\* Supportive Skills

1. Write short paragraphs form given points/words.
2. Give a suitable title to the paragraph.

### **5. Grammar : From Part Three**

5.1 Tenses :

\* Supportive Skills:

1. Use correct tenses in sentences.
2. Use sequence of tenses in sentences.

- 5.1.1 All tenses
- 5.1.2 Infinitives, Participles, and Gerunds

5.2 Subject Verb Agreement

\* Supportive Skills:

1. Use singular and plural verb forms.
2. Write correct verb to agree with the subject in sentences.

5.3 Passive :

\* Supportive Skills:

1. Use correct passive voice in sentences.
2. Change voice in the given sentences.

5.3.1 All types of sentences i.e. Statements, Questions, Imperatives and infinitives.

5.4 Auxiliaries :

\* Supportive Skills:

1. Use anomalous finites in different types of sentences.
2. Use anomalous finites to avoid repetition.
3. Use different modals in different contexts.

5.4.1 Anomalous Finites

5.4.2 Modals

5.5 Determiners :

\* Supportive Skills:

1. Use correct articles in the sentences.
2. Use different determiners in the sentences.

5.5.1 Articles

5.5.2 Some, Any; All, No & None; Much, Many;  
A little, A few

5.6 Prepositions :

\* Supportive Skills:

1. Write sentences by using correct prepositions.
2. Use correct prepositional phrases in sentences.

5.6.1 Time, Direction, Place, Position,  
agent, relation.

**5.7 Clauses and Connectors :**

\* **Supportive Skills:**

1. Use different connectors in sentences.
2. Use different clauses in sentences and paragraphs.

5.7.1 Clauses

5.7.2 Connectors

**6. Conversational Practice :**

**1.0 EXPRESS IDEAS EFFECTIVELY IN ENGLISH IN ORAL FORM.**

List of Major Skills to be developed through.

1. Ask pertinent questions as well as to answer them.
2. Explain salient features of products/processes.
3. Speak on a topic fluently and confidently for 5 minutes or more.
4. Give instructions orally.
5. Participate in debates and conversations.
6. Use social skills as mentioned in the curriculum.
7. Reproduce in oral form the facts or ideas presented by the speaker.
8. Use appropriate "Body Language" (gestures, eye movements, facial expressions, postures)
9. Follow oral instructions and interpret them to others.
10. Speak extemporaneously in panel or group discussion.
11. Use correct pronunciations and intonations.
12. Face oral examinations and interviews.

\* **Supportive Skills:**

1. Pronounce the words correctly.
2. Use correct accent/stress for the words.
3. Speak the sentences with correct intonation.

**SAMPLES OF SITUATIONS FOR CONVERSATIOAL PRACTICE:**

- 6.1 Meeting and parting
- 6.2 Introducing and influencing
- 6.3 Requests, Suggestions, Persuasions
- 6.4 Agreeing and Dis-agreeing
- 6.5 Inquiries and Information
- 6.6 Liking and Dis-liking

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101 COMMUNICATION SKILLS :	TUTORIALS
Tutorial 1 :	4 Hours
Guided Composition on given topics.	
Tutorial 2:	4 Hours
Summarising of unseen paragraphs	
Tutorial 3:	4 Hours
Comprehension of unseen passages	
Tutorial 4:	4 Hours
Exercises on Grammatical items	
Tutorial 5:	12 Hours
Conversational practice on different situations	
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	Total 28 Hours

### INSTRUCTIONAL STRATEGIES:

Student centred method and techniques of teaching and learning e.g. group discussion, role play, tutorial, individual and group assignments (Classroom, Library, Home) should be used so as to make the students actively participate in the teaching learning process.

Emphasis should be laid on providing guided practice and feedback on student performance.

The students should be encouraged to use dictionaries and other reference books. Exercises in writing, reading, speaking and listening should be designed to give the students sufficient practice in the Communication Skills.

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#### 1. Text Book for Study:

"Communication Skills for Technical students"

Compiled by : CDC, TTTI, Bhopal

Published by : Somaiya Publications Pvt. Ltd.- 4th Revised Edition, July 1995

#### 2. Books for Reference :

1. Advanced Learner's Dictionary of Current English  
edited by A.S.Hornby ;Pub.by ELBS

2. B.B.C. English Stage 1

3. A Communicative Grammar of English By Geoffrey Leech and Jan Svartvik - Publication ELBS



**DIPLOMA IN TEXTILE DESIGNING**

**DRAWING SKETCHING AND PAINTING - I**

(1)

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**Teaching Scheme**  
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Period of 1. Hour

Th. Pr. Tut.

2 8 -  
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Theory :- Fundamental of Art :- Perception, Learn to See form, Form and Matter, Relation between Art and Nature, Origin of Plastic Art, Visual elements in Nature, ensibilities of the human being and his desire for expression how the artist see and expresses varied meaning of the objects, Colour, Values, Visual Attraction of shapes and forms. Calligraphy

**Practical :- (a) Object Drawing (Still life)**

- \* Understanding of Basic shapes in perspective
- \* Expression of opaque and transparent objects in different Mediums.
- \* Understanding of the solidity of the objects through shading
- \* Composition of still life objects in different medium
- \* Memory Drawing
- \* Still life objects with drapery
- \* Design Exercises based on still life objects.

**(b) Outdoor Sketching**

- \* Different Techniques of sketching
- \* Sketching in lines, shading in flat colours
- \* Understanding of perspective
- \* Sketches of Birds, animals, building monuments, figures, stone carvings and wooden carvings, leaves, Foliage, plants and trees, fountains, boats, treet scenes and market scenes.
- \* Different mediums used for sketching-pencils, sketch pen, coloured links, charcoal and crayons, pen and ink.

**(c) Nature Study :- (Line, colour, texture, shape and form)**

Study of the Natural objects in nature for understanding of colour, texture, and for in different mediums a) pencil b) Pen and ink (c) Ceayons (d) poster colours (e) coloured inks (f) water colours

Study of the following themes

(a) Types of leaves (b) Types of flowers (c) Types of

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vegetables (d) Types of fruits (e) Types of dry fruits (f)

Types of lentil and Twigs

\* Stylisation of the above themes

\* Movement in nature, expression in line work and colours

**(d) Textures :-**

Creation of texture things,. Use of different materials pencils, crayons, colour, thread, blade, cork leaves, blowing of colours, candle marble effect with water and inks.

Impressions of different materials e.g. wood, fabric etc.

Rubber solution (resist method)

Expression of patterns created in nature by sketching e.g. mud cracks dried leaves etc.

**Term Work :-**

About 8 specimen be submitted (object drawing) Sketch book (Outdoor sketching)

**LIST OF BOOKS**

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1. Quick sketching - by Carl Cheek
2. How to draw and paint - by Stan Smith
3. More-Trees-by Walter T. Foster
4. A free-hand-painting drawing-by Adelaide Sproul
5. Drawing Animals-by Victor Perard.
6. Perspective of Artists-by Edward Laning.
7. Sketches Abroad-by Mary & Hicks
8. Beautiful Tree of India-by Charles McCann
9. Starting to paint still life-by Bernard Dunstan.
10. Roman Lettering for students by James Bostock
11. Fundamentals of Drawing - by K.R.Gopalkrishna.
12. Techniques of Interior Design Rendering & Presentation-by Sid Delmar Leach Asid.
13. Painting with Markers by-Emile Troise & Otis Porl.
14. World of Peacocks-by Mena Ajit Desai.

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15. Object/Drawing - by Rashikala Parikh & K. Shah

16. Geometry - by Rashikala Parikh & K. Shah

17. Learning to paint- by Bernard Dunstan

Ref:18. Roopa samhita - I II III edition-by-vasudeo smart

Ref:19. The Encyclopadeia of Fashion by - Georgina o'hara

Ref:20. Fashion illustration Today/by-Mkholas drake

Ref:21. Fashion and Surreaeism by-Richard Martin.

DIPLOMA IN TEXTILE DESIGNING

COURSE : ELEMENTS OF TEXTILE TECHNOLOGY

(1)

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**Teaching Scheme**  
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Period of 1. Hour

Th. Pr. Tut.

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**Topics:**  
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1. Textile Fibers :  
Classification of Textile Fibers and Uses.
  
2. Spinning Process:  
Sequence of machine and objects of the following.
  1. Blow Room
  2. Carding.
  3. Draw frame.
  4. Combing.
  5. Speed Frame.
  6. Ring Frame.
  7. Doubling & Twisting.
  
3. Weaving Process.  
Sequence of machine and their objects.
  1. Winding : Warp Winding Machine  
Weft Winding Machine.
  2. Warping
  3. Sizing
  4. Drawing-in
  5. Plain Loom : General Idea of Dobby, Jacquard  
Objects of Primary and Secondary  
motion of loom
  6. Defects in Grey Cloth
  
4. Fabric Structure.  
Representation of simple plain, Simple Twill and Ordinary Satin  
weave on graph paper.
5. Yarn Numbering system.  
Direct and indirect system. (with calculation)

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**Books:**

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1. Spinning
2. Weaving -Textile Association INDIA
3. Textile Fiber Ahmedabad Unit
4. Yarn Preparation Vol. I & II -R.Sen.Gupta
5. Textile Fiber -V.A.Shenai

**Reference Books:**

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1. Cotton Spinning -G.R.Merrill
2. Spun Yarn Technology -Vankat Subramaniam

**DIPLOMA IN TEXTILE DESIGNING**

**BASIC DESIGN AND COLOUR**

(1)

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**Teaching Scheme**  
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Period of 1. Hour

Th. Pr. Tut.

2 8 -  
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**THEORY :-**

Elements of Art and Principles of Designing, Design - 2D- Problem solving approach to show experiences and studies in two dimensional design, Stress on organisation and intellectual approach, organisation of variety of links, shapes, colour and textures, graphic non objective renderings of ideas and feelings such as tension, excitement etc. Expression of personal reactions to poems literary work, musical composition etc. Design- 3 D- Relative dimensions of space through the incidence basic shape. Basic forms to be made by carving and modeling in round and relief in materials like soft clay, soap plaster- block and plasticine, rendering techniques, creating textures and pattern to through, ideas and feelings in a variety of ways.

**Colour :- Introduction to colour theory - Light and pigment theory**

- \* Rainbow colours
- \* Primary, secondary and complimentary
- \* Analogue - Monromatic- cool warm colour
- \* Harmonise, contrasts, opaque and transparent colour-tints and shades.
- \* Colour mixing, colour schemes and colour combination.

**Practical :- Study of tools and materials.**

- \* Understanding of the value of space through line, form, colour and texture.
- \* Exploration and experiments with different materials
- \* Placement of motifs.
- \* Types of Design.

Prepare work regarding colour gradation or design be reproduced side by side on Textile fabric for clear concepts of Textile designing and colouration.

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\* Application of colour through exercises on paper

(a)Colour inking(b)Tonal value(c)Texture in colour  
(d)Perspective through colour

**Term work** :- About 8 specimens be submitted.