

1.1 COMMUNICATION SKILLS – I

L T P
3 - 2

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 (12 Hrs)
 - 1.1 Verbal and Non-verbal Communication
 - 1.2 Process of Communication
 - 1.3 Barriers to Communication; Overcoming Strategies
 - 1.4 Listening and Speaking Skills and Sub-Skills
(All topics should be in detail)

2. Grammar and Usage (12 Hrs)
 - 2.1 Punctuation
 - 2.2 Articles-a, an, the
 - 2.3 Framing Questions
 - 2.4 Verbs-Classification: Main Verb, Auxiliary Verb, Transitive and Intransitive Verbs
 - 2.5 Word Formation

3. Writing Skills (10 Hrs)
 - 3.1 Writing Paragraphs
 - 3.2 Picture Composition

4. Reading Skills (14 Hrs)
Unseen comprehension passages (at least 5 passages).

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

INSTRUCTIONAL STRATEGY

Looking into the present day needs of effective communication in every field, it is imperative to develop necessary competencies in students by giving practical tips and emphasis on grammar, vocabulary and its usage in addition to practical exercises. The teacher should give report writing assignments, projects etc. while teaching this subject.

LIST OF 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.

SUGGESTED DISTRIBUTION OF MARKS

Topic No.	Time Allotted (Hrs)	Marks Allotted (%)
1	12	25
2	12	25
3	10	20
4	14	30
Total	48	100

1.2 TEXTILE SCIENCE -I

L T P
4 - 2

RATIONALE

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, hence the subject is included in the curriculum

DETAILED CONTENTS

	THEORY	PRACTICAL EXERCISE
1.	Textile fibers (20 hrs)	
a)	Classification of important textile fibres based on their origin and constituents	Physical analysis of fabrics composed of different fibres like cotton, wool, silk, polyester.
b)	Important properties of fibres: cotton, wool, silk, polyester, rayon, acrylic	Visual examination of fibres and yarns
	- Physical and Chemical properties	Identification of fibres in a fabric sample through: - Burning test - Microscopic test - Chemical test (Solubility Test)
c)	Man-made fibre production - Wet spinning - Dry Spinning - Melt spinning	
2.	Yarn Manufacturing (20 hrs)	
a)	- Elementary knowledge of spinning of cotton	Visit to Spinning Mill or show relevant video films to understand the various systems of yarn spinning – staple, filament and spun filament yarns

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| <p>b) Type of yarns</p> <ul style="list-style-type: none"> - Simple yarns: single, ply, cord - Novelty yarns: slub, boucle, chenille, nubs, corkscrew, grindelle <p>c) Yarn properties</p> <ul style="list-style-type: none"> - Twist - Yarn numbering system | <p>To analyze and understand fabric texture (appearance and hand) on the basis of the yarns used:</p> <ul style="list-style-type: none"> - Fabrics using simple yarns - Fabrics using novelty yarns - Fabrics using filaments: textured, non-textured, spun filaments <p>- To determine fabric count.</p> |
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3. Fabric Manufacturing (24 hrs)
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| <p>a) Different techniques of fabric manufacture, definition of weaving, knitting, non-wovens.</p> <p>b) Weaving:</p> <ol style="list-style-type: none"> 1. Working of looms-primary, secondary and auxiliary motions. 2. Types of looms-conventional, automatic and shuttleless. 3. Basic weaves-plain, twill, satin and sateen 4. Weaving defects | <p>Prepare a catalogue of fabric samples made by using different methods of construction</p> <p>Visit to Mill units producing wovens and non-wovens to understand type of looms and processes or relevant video film may be shown</p> <p>- To identify the woven fabrics for:</p> <ol style="list-style-type: none"> a) Warp and weft b) Face and back c) Prepare a point-paper diagram of basic weaves and their variations d) Prepare a list of fabrics available under each category of weave |
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INSTRUCTIONAL STRATEGY

The teacher may develop master samples to demonstrate various processes. The students may be asked to prepare swatch files. The students should be taken for a visit to spinning mills to show the various processes or relevant video films may be screened.

RECOMMENDED BOOKS

1. Understanding Textiles by Phyllis Tortora, Macmillan publishing co. New York
2. Modern Textiles by Rothly Siegert Lyle, Wiley, John & Sons, Incorporated (USA)
3. Encyclopedia of Textiles, Fibres 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 Fibres and their Uses by KP Hes, Khanna Publishers, Delhi
8. Textiles by Hollen and Sodler, Macmillan Publishing, India
9. Introductory Textile Science by Marjury Joseph, CBS Publishers distributors Pvt. Ltd. Chennai
10. Principles of Textile Testing by Booth
11. Clothing, Textiles and Their Care by Dr. Rajwinder K. Randhawa, Happer and Row publishers, New York.
12. Clothing, Textiles and Laundry by Sushma Gupta, Neeru Garg and Renu Saini, Kalyani Publishers, New Delhi
13. A Text Book of Home Science by Dr. Neelam Grewal, Wiley Publishers, New York

SUGGESTED DISTRIBUTION OF MARKS

Topic No.	Time Allotted (Hrs)	Marks Allotted (%)
1	20	32
2	20	32
3	24	36
Total	64	100

1.3 BASIC DESIGN

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2 - 4

RATIONALE

The knowledge and skill related to basic design is essential for the students in order to develop the understanding regarding how to make a design using lines, dot, shape and colour combination

DETAILED CONTENTS

THEORY

PRACTICAL EXERCISE

1. Understanding the Elements of Art
(15hrs)
 - a) Lines – Horizontal, vertical, zigzag, diagonal and curve. (a) Illustrate different type of lines: vertical, horizontal, diagonal, zigzag, curved, thick and thin (4 sheets)
 - b) Colour – colour wheel; primary, secondary and warm, cool, tertiary value: tints, shades; colour schemes; analogous, mono-chromatic, complimentary and split complimentary. (b) Corresponding colour exercises on colour to be carried out such as colour wheel, tints, shades, colour schemes (4 sheets)
 - c) Textures- Different types of textures, identification and suitability of textures for different garments. (c) Collection of samples for different textures (2 sheets)
 - d) Shape
 - Geometrical
 - Realistic
 - Stylized
 - Abstract(d) Sketching of different shapes (2 sheets)
 - e) Different types of Silhouettes (e) Sketching of different Silhouettes (4 sheets)
2. Understanding the Principles of Design (12 hrs)
 - a) Rhythm
 - b) Harmony
 - c) Proportion
 - d) Balance
 - e) EmphasisCorresponding exercises with rhythm, harmony, proportion, balance and emphasis (5 sheets)

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| 3. Collage and its types – relief and flat
(5 hrs) | Making collage with waste material
Making collage with paper
Making collage with fabrics
(1 sheet each)
Exercises of replica & enlargement
with the help of swatches of various
prints. (2 sheets) |
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INSTRUCTIONAL STRATEGY

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

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
7. Spring and Summer Collection; Tokyo, New York
8. Singer Sewing Book
9. A Complete Guide to Sewing, Mager Publisher Pocket Books, Inc. New York
10. Reader’s Digest
11. Dress Individuality, Macmillian Publishing Co. New York

SUGGESTED DISTRIBUTION OF MARKS

Topic No.	Time Allotted (Hrs)	Marks Allotted (%)
1	15	46
2	12	40
3	5	14
Total	32	100

1.4 BASIC PATTERN MAKING AND STYLE INTERPRETATION - I

L T P
2 - 6

RATIONALE

The students should know various considerations in making of garments, incorporation of standard measurements, scope and importance of drafting and pattern making so that they are able to take measurements, interpret the style of any given design and make the pattern. The subject, therefore deals with basics of pattern making and styling of garments.

DETAILED CONTENTS

THEORY

1. Classification of measurements - circumference, horizontal and vertical measurements (06 hrs)
 - Introduction to standard measurements
 - Importance of standard measurements
 - Methods of taking measurements (direct, indirect)
2. Methods of developing pattern (04 hrs)
 - Flat pattern
 - Draping
3. Pattern making tools (04 hrs)

Pins and pin holders, scissors, measuring tapes, french curves, scales, notcher, tracing wheel, pattern papers, markers etc.
4. Pattern making terms (12 hrs)

Basic pattern set, templates, working pattern, production pattern, design specification sheet, pattern chart, cost sheet, grain, selvedge, apex, dart, dart legs, dart intake, trueing and blending, plumb line, vertical, horizontal and perpendicular lines, symmetrical and asymmetrical lines, style no., pattern size, pivotal point, pattern manipulation, seam allowance, ease allowance.
5. Style interpretation (04 hrs)

Meaning of style interpretation, benefits of style interpretation.
6. Fabric preparation procedure (02 hrs)

LIST OF PRACTICALS

1.
 - a) Locating land marks
 - b) Demonstration of taking measurement directly from body
 - c) Taking measurements from the garments
2. Drafting of:
 - Child's panty
 - Bloomer
 - Child's bodice block and sleeve block
 - Child's skirt block
 - A line frock
 - Romper

INSTRUCTIONAL STRATEGY

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. Pattern Cutting and Making up by Martin Shoben, Janet Ward Publisher, London

SUGGESTED DISTRIBUTION OF MARKS

Topic No.	Time Allotted (Hrs)	Marks Allotted (%)
1	6	18
2	4	12
3	4	12
4	12	40
5	04	12
6	02	06
Total	32	100

1.5 FASHION ILLUSTRATION - I

L T P
- - 4

RATIONALE

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

DETAILED CONTENTS

PRACTICAL EXERCISES

- 1 Knowledge of drawing equipment and tools
 - Paper
 - Markers and Pencils of different grades (HB,B,2B,4B,6B)
 - Drawing Board
 - Ruler
 - Tape
 - Erasers
 - Knives
 - Different media (charcoal, ink, Water Colour , water proof ink etc.)
2. Sketch drawing of the following:
 - Collars, sleeves, necklines
 - Pleats, ruffles, gathers, tucks
3. Sketching a basic 8-head figure of a women
4. Colour and texture rendering:
 - Leather, Crepe, net, tweed, Woolen, Fur, etc.
5. Anatomy Drawing
6. Front View, Side View & Back View of Fashion Figure
7. Structures of legs,hands, foot and face shapes with hair style
8. Maintaining a scrapbook

RECOMMENDED BOOKS

1. Fashion Drawing Designs by Magazine of Thailandi
2. Fashion Drawing – The Basic Principles by Anne Allen and Julion Seaman,
3. Fashion Illustration by Bina Abling,
4. Drawing from Anatomy by Victor Perard, Grace Parkashan , Bombay,
5. 20,000 Years Of Fashion,The History Of Costume and Personal Adornment by Francois Boucher, Harry N. Abrams, Inc Publishers,
6. Individuality in Clothing Selection and Personal Appearance by-Mary Kefgen And Phyllis Touchie-Specht, Macmillan Publishing Co., New York
7. The Complete Book Of Fashion Illustration by-Sharon Lee Tale And Mona Shafer, Happer & Row Publishers, New York.
8. Human Figures by A.K Dhawan, Tip Top Trading Co., Ludhiana.

1.6 GARMENT CONSTRUCTION - I

L T P
- - 8

RATIONALE

The students 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. Hence this subject has been included in the curriculum to develop such competencies in the students. The subject deals with basics of garment construction technology.

DETAILED CONTENTS

INSTRUCTIONS FOR PRACTICALS	PRACTICAL EXERCISES
1. Tools and equipment used in measuring, marking, cutting, sewing and finishing of garments	
2. (a) Parts of basic sewing machine and its operation (b) Sewing machine- its defects and remedies.	
3 Basic stitches e.g. basting, tacking, hemming, button hole.	
4. Straight line, square, concentric square, curved, circle	Machine control exercises on speed control, paper exercises, fabric exercises
5. Different types of seams	Practice on various samples of seam – plain, run and fell, French, lapped seam, top stitch, slot seam, beading
6. Pleats and its variations	Preparation of pleats variations.
7 Darts, tucks	Preparation of darts and tucks samples
8 Gathers, shirring	Preparation of samples for gathers and shirring
9. Finishing different necklines – bias binding, bias facing, shaped facing	Preparation of samples of different necklines using bias binding, bias facing and shaped facing
10 Attaching fasteners – hooks, snaps, loops, button, velcro	Practice on various types of fasteners

RECOMMENDED BOOKS

1. Clothing Construction by Doongaji, Raj Parkashan, New Delhi
2. System of Cutting by Zarakpar, Navneet Publications (India) Ltd.
3. Basic Processes and Clothing Construction by Sherie Doongaji and Raushini Despande. 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.