

FACULTY OF ENGINEERING & TECHNOLOGY

Effective from Academic Batch: 2022-23

Programme: BACHELOR OF TECHNOLOGY (Electronics and Communication)

Semester: IV

Course Code: 202003404

Course Title: Technical Writing And Soft Skills

Course Group: Humanities, Social Science and Management Course

Course Objectives: This uniquely designed course aims at thorough understanding of the fundamental soft skills and of their practical social and workplace usage. It helps participants to communicate effectively and to carry themselves confidently and in harmony with the surroundings. They also learn how to identify and overcome the barriers in interpersonal relationships, and to employ oral and written communication, teamwork, leadership, problemsolving and decision-making skills, to gain best results.

Teaching & Examination Scheme:

| Contact hours per week | | | Course | rse Examination Marks (Maximum / Passin | | | | sing) |
|------------------------|----------|-----------|---------|---|----------|----------|----------|---------|
| Lecture | Tutorial | Practical | Credits | The | eory | J/V/P* | | Total |
| | | | | Internal | External | Internal | External | I Ulai |
| 3 | 0 | 0 | 3 | 50 / 18 | 50/17 | NA | NA | 100 /35 |

^{*} J: Jury; V: Viva; P: Practical

Detailed Syllabus:

| Sr. | Contents | Hours |
|-----|--|-------|
| 1 | Technical Writing | 7 |
| | Introduction, Objectives of Technical Writing, Characteristics of Technical Writing, | |
| | Major Writing Strategies, Technical Writing Style and Language, Tips on Language | |
| | Use. | |
| | | |
| 2 | Note Making | 8 |
| | Introduction, Note Making and Note Taking, Importance of Note Making, | |
| | Importance of Note Taking, Features of Good Notes, Making Efficient Class Notes, | |
| | Methods of preparing Notes, The Cornell Method, The Outlining Method, The | |
| | Mapping Method, The Taxonomizing Method, The Sentence Method. | |
| 3 | Business Writings | 8 |
| | Inter-office Memorandum (Memo), Structure of a Memo, Style of a Memo, | |
| | Circulars, Informative Circulars, Public Circulars, Circulars of Partnerships and | |
| | companies, Official Circulars, Notice, Agenda, and Minutes, Advertising, Purpose, | |



| | Types, Tips. | |
|---|---|---|
| 4 | Writing Technical Proposal and Description | 6 |
| | Introduction, Purpose, Importance, Types of Proposal, Structure, Technical | |
| | Description, Introduction, Process Description, Guidelines for Writing Good | |
| | Descriptions. | |
| 5 | Soft Skills: | 6 |
| | An Introduction – Definition and Significance of Soft Skills, Process, Importance | |
| | and Measurement of Soft Skill Development. | |
| | Self-Discovery: Discovering the Self, Setting Goals, Beliefs, Values, Attitude, Virtue. | |
| | Positivity and Motivation: Developing Positive Thinking and Attitude, Driving out | |
| | Negativity, Meaning and Theories of Motivation, Enhancing Motivation Levels. | |
| 6 | Interview Skills: | 6 |
| | Interviewer and Interviewee – in-depth perspectives, Before, During and After the | |
| | Interview, Tips for Success. | |
| | Presentation Skills: Types, Content, Audience Analysis, Essential Tips – Before, | |
| | During and After, Overcoming Nervousness. | |
| | Etiquette and Manners – Social and Business. | |
| | Time Management – Concept, Essentials, Tips. | |
| | Personality Development – Meaning, Nature, Features, Stages, Models, Learning | |
| | Skills, Adaptability Skills. | |
| 7 | Decision-Making and Problem-Solving Skills: | 7 |
| | Meaning, Types and Models, Group and Ethical Decision-Making, Problems and | |
| | Dilemmas in application of these skills. | |
| | Conflict Management: Conflict - Definition, Nature, Types and Causes, Methods of | |
| | Conflict Resolution. | |
| | Stress Management: Stress - Definition, Nature, Types, Symptoms and Causes, | |
| | Stress Analysis Models and Impact of Stress, Measurement and Management of | |
| | Stress. | |
| | Leadership and Assertiveness Skills: A Good Leader, Leaders and Managers, | |
| | Leadership Theories, Types of Leaders, Leadership Behavior, Assertiveness Skills. | |
| | Emotional Intelligence: Meaning, History, Features, Components, Intrapersonal | |
| | and Management Excellence; Strategies to enhance Emotional Intelligence. | |

Reference Books:

| 1101 | ACICI CHCC BOOKS. | | | | |
|------|---|--|--|--|--|
| 1 | Managing Soft Skills for Personality Development –edited by B.N.Ghosh, McGraw Hill India, 2012. | | | | |
| 2 | English and Soft Skills – S.P.Dhanavel, Orient Blackswan India, 2010 | | | | |
| 3 | Raman and Sharma, Technical Communication, Oxford University Press, 2012 | | | | |
| 4 | Kukreja and Jain, Effective Technical Communication, S. K. Kataria & Sons, 2019 | | | | |
| 5 | Lata and Kumar, Communication Skills, OUP, New Delhi, 2013 | | | | |
| 6 | Pal and Korlahalli, Essentials of Business Communication, Sultan Chand & Sons | | | | |



Pedagogy:

- Direct Classroom teaching
- Audio Visual presentations/demonstrations
- Assignments/Quiz
- Continuous assessment
- Interactive methods
- Seminar/Poster presentation

Internal Evaluation:

The internal evaluation comprised of written exam (40% weightage) along with combination of various components such as Certification courses, Assignments, Mini Project, Simulation, Model making, Case study, Group activity, Seminar, Poster Presentation, Unit test, Quiz, Class Participation, Attendance, Achievements etc. where individual component weightage should not exceed 20%.

Suggested Specification table with Marks (Theory) (Revised Bloom's Taxonomy):

| Distribution of Theory Marks | | | y Mark | S | R: Remembering; U: Understanding; A: Application, | |
|------------------------------|-----|-----|--------|-----|---|------------------------------------|
| R | U | A | N | E | С | N: Analyze; E: Evaluate; C: Create |
| 15% | 14% | 18% | 18% | 17% | 18% | |

Note: This specification table shall be treated as a general guideline for students and teachers. The actual distribution of marks in the question paper may vary slightly from above table.

Course Outcomes (CO):

| Sr. | Course Outcome Statements | %weightage | | |
|------|--|------------|--|--|
| CO-1 | To be able to understand aspects of Technical Writing | 13 | | |
| CO-2 | To develop Technical Writing Skills | 15 | | |
| CO-3 | To be proficient in note taking and note making | 14 | | |
| CO-4 | To enhance employability skills | 13 | | |
| CO-5 | To understand the significance and essence of a wide range of soft skills. | 14 | | |
| CO-6 | To learn how to apply soft skills in a wide range of routine social and | | | |
| | professional settings. | | | |
| CO-7 | To learn how to employ soft skills to enhance employability and ensure | 14 | | |
| | workplace and career success. | | | |

| Curriculum Revision: | | | | |
|--------------------------------|--------|--|--|--|
| Version: | 2 | | | |
| Drafted on (Month-Year): | Jun-22 | | | |
| Last Reviewed on (Month-Year): | - | | | |
| Next Review on (Month-Year): | Jun-25 | | | |