



**Subject Code: 01CT0406**

**Subject Name: Technical Writing**

**B. Tech. Year – II (Semester IV)**

**Objective:**

The prime focus for this course is to build the professional writing skills among the future engineers and to teach them the impact of writing in professional career.

**Credits Earned:** 01 Credit

**Course Outcomes:** After completion of this course, student will be able to:

1. Write the E-Mails in professional manner
2. Read and understand the research paper
3. Identify the keywords and elaborate the research done in the field of the identified keyword
4. Prepare a technical Presentation
5. Write a technical Research paper or document.

**Pre-requisite of course:** Ready to learn professional etiquettes

**Teaching and Examination Scheme:**

Teaching Scheme (Hours)			Credits	Theory Marks			Tutorial / Practical Marks		Total Marks
				E	I		V	T	
Theory	Tutorial	Practical		ESE	IA	CSE	Viva	Term Work	
1	0	0	1	00	00	00	25	25	50

**Contents:**

Unit	Topics
1	Understanding the difference between the technical and non-technical writing; Writing professional E-Mails; Reading the research paper and identifying the keywords, Elaborating the depth of the keyword; Understand the importance of technical presentation, Preparing the technical presentation; Understanding the LATEX tool, understanding the ways of inserting images, tables, sections, text types, equations etc., writing a technical document and paper using LATEX tool.





**Suggested Theory distribution:**

The suggested theory distribution as per Bloom's taxonomy is as per follows. This distribution serves as guidelines for teachers and students to achieve effective teaching-learning process.

Distribution of Theory for course delivery and evaluation					
Remember	Understand	Apply	Analyze	Evaluate	Create
10%	15%	20%	20%	15%	20%

**Open Ended Problems:**

1. Writing a technical mail on the given topic
2. Reading a research paper and identifying the core idea and the keywords of the research paper
3. Preparing the technical presentation for the assigned research paper.
4. Presenting the ppt presentation on the research paper topic
5. Writing a two-page document for the assigned research paper

**Supplementary Resources:**

1. <https://www.latex-tutorial.com/tutorials/>
2. <http://www.docs.is.ed.ac.uk/skills/documents/3722/3722-2014.pdf>