

COURSE TITLE	READING & WRITING FOR TECHNOLOGY
COURSE CODE	01SL0102
COURSE CREDITS	2

Objective:

- 1 to develop their reading capability in terms of understanding, identifying, analyzing and critically evaluating texts;
- 2 This course offers an orientation towards reading and writing in technical contexts.
- 3 The course will enable students
 1. to develop their reading capability in terms of understanding, identifying, analyzing and critically evaluating texts;
 2. to understand and comprehend various forms of writings used in technical education and academic contexts and to develop their writing abilities.
- 4 The course will enable students to develop their reading capability in terms of understanding, identifying, analyzing and critically evaluating texts;
- 5 The course will enable students to understand and comprehend various forms of writings used in technical education and academic contexts and to develop their writing abilities.
- 6 to understand and comprehend various forms of writings used in technical education and academic contexts and to develop their writing abilities.
- 7 It aims at helping learners in acquiring reading and writing ability in English to foster their learning in the specified domain i.e. technology.
- 8 It engages students through various activities to learn techniques and approaches of reading and writing skills.
- 9 To introduce students to fundamentals of reading and writing skills
- 10 To enable them to comprehend texts of technical and analytical nature
- 11 To enable them to carryout different writing tasks in the context of technology
- 12 to orient students towards reading and writing in technical contexts
- 13 to develop students' reading capability in terms of understanding, identifying, analyzing and critically evaluating texts
- 14 to understand and comprehend various forms of writings used in technical education and academic contexts and to develop students' writing abilities

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

- 1 To enhance reading skills for academic purposes
- 2 To evolve appropriate writing competence for academic purposes
- 3 To carry out reading and writing tasks in the context of technology and technology related content
- 4 To express their ideas in formal, academic written form

Pre-requisite of course:NA

Teaching and Examination Scheme

Theory Hours	Tutorial Hours	Practical Hours	ESE	IA	CSE	Viva	Term Work
2	0	0	0	30	20	25	25

Contents : Unit	Topics	Contact Hours
1	Introduction to Technical Communication History/ Story of Technical Writing, English in Technical Communication	3
2	Reading Strategies Know your textbook: Exploring the textbook, its parts and purposes, Approaching reading: Reading Strategies, Reading for Various Purposes: reference books, stories, articles, technical surveys, reports, blog posts, & reviews	12
3	Writing Strategies Writing process - Visualizing your text, Approaching Writing: Writing Strategies, Understanding various forms of writing: essay, case study, research paper, term paper, maths/physics problems, lab report, book report/review, surveys, blog posts, & dissertation, Writing for various purposes: essays, writing answers in exam, lab reports, process and instructions, reviews, blog post, & assignments, Understanding the writing process: Thinking about writing processes, key Attributes of academic and technical texts	13
Total Hours		28

Textbook :

- 1 Google Speaks: Secrets of World's Greatest Billionaire Entrepreneurs, Sergey Brin and Larry Page, Lowe, Janet, John Wiley & Sons, 2009
- 2 The Handbook of Technical Writing with 2020 APA Update , Gerald J. Alred, Bedford/St. Martin's, 2020

References:

- 1 The Life Story of a Technology, The Life Story of a Technology, Howard, Nicole, Greenwood Press, 2005

Suggested Theory Distribution:

The suggested theory distribution as per Bloom's taxonomy is as 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 / Knowledge	Understand	Apply	Analyze	Evaluate	Higher order Thinking / Creative
30.00	30.00	30.00	10.00	0.00	0.00

Instructional Method:

- 1 Discussions
- 2 Group Work
- 3 Individual Presentations
- 4 Brainstorming
- 5 Role Play

Supplementary Resources:

- 1 <https://www.ted.com/talks>
- 2 <https://www.eduplace.com/tales/>
- 3 www.khanacademy.org
- 4 <https://learnenglish.britishcouncil.org/>
- 5 Kane, Thomas S. *The Oxford Essential Guide to Writing*. Berkeley, 2000
- 6 Anderson, P. *Technical Communication*. Harcourt Brace, 1998.
- 7 Cox, Kathy, and David Hill. *Eap Now!: English for Academic Purposes*. Pearson Australia, 2011.
- 8 Doren, Charles Van, and Mortimer J. Adler. *How to Read a Book*. Washington Square Press, 1974.
- 9 Emden, Joan Van. *Writing for Engineers*. Palgrave Macmillan, 2005.
- 10 Glendinning, Eric H., and Beverly Holmström. *Study Reading: A Course in Reading Skills for Academic Purposes*. Cambridge University Press, 2012.
- 11 Hamp-Lyons, Liz, and Ben Heasley. *Study Writing: A Course in Writing Skills for Academic Purposes*. Cambridge University Press, 2013.
- 12 Langan, John, and Judith Nadell. *Doing Well in College: A Concise Guide to Reading, Writing, and Study skills*. McGraw-Hill Book Col., 1980.
- 13 Vise, David A., and Mark Malseed. *The Google Story*. Bantam Dell, 2008.