

G.PULLAIAH COLLEGE OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF HUMANITIES & SCIENCES
I B.TECH II SEM
COURSE DESCRIPTION

Course Code	:	15A52201
Course Title	:	ENGLISH FOR PROFESSIONAL COMMUNICATION
Course Structure	:	Lectures Tutorials Credits
		3 - 3
Course Coordinator	:	G.Sashi Kumar
Team of Instructors	:	Dr. T. Sujatha, M. Sridevi, L. Tehseen Khanam,

I. Course Overview:

The basic idea behind offering English as a subject at the undergraduate level is to acquaint students with a language held by common consent to be the most popular language and predictably the most used in countries across the globe. The lessons included as part of syllabus, aim to take the nuances of English to students as it reveals its strengths and complexity when used to perform a variety of functions. For prospective engineers, nothing could be more useful or productive than being able to reach out to the world of technology and business through letters, advertisements, posters, technical presentations, report writing, seminars etc. and teachers of English have a special role to play in polishing and honing the linguistic skills of engineers in the making, through a variety of tasks, assignments and role plays that bring alive the language in the classroom and prepare students for the world of work. The mission of taking the language to students is achieved from teaching texts that are rich in vocabulary and grammar, texts that teach learners how to contextualize, situate meaning amidst ambiguity and learn the art of being able to persuade, compel, cajole, complain, narrate, describe etc. through recourse to a range of devices- linguistic and literary- on offer. Besides, the course has in mind the task of preparing students to fulfill basic functions with language that come their way during the course of study, such as being able to compose email effectively, prepare technical papers abstracts, write effective business ,formal and job application letters , publish articles, write memos and technical reports, etc.

II. Prerequisite(s):

Level	Credits	Periods / Week	Prerequisites
UG	3	4	Knowledge of grammar and minimum vocabulary

III. Marks Distribution:

Sessional Marks	University End Exam Marks	Total Marks
<p><u>Two</u> midterm examinations. Each midterm examination consists of objective paper for 10 marks and subjective paper for 20 marks with duration of 1hour 50 minutes (20 minutes for objective and 90 minutes for subjective paper). Objective paper is set for 20 bits for 10 marks. Subjective paper shall contain 5 questions of which student has to answer 3 questions evaluated* for 20 marks. First midterm examination shall be conducted for I,II units of syllabus and second midterm examination shall be conducted for III -V units. The total marks secured by the student in each midterm examination for 30 marks is considered and the <u>better of the two</u> midterm examinations average shall be taken as the final sessional marks secured by each candidate in the subject.</p>	70	100

IV. Evaluation Scheme:

S. No.	Component	Duration (hours)	Marks
1	I Mid Examination	1hrs 50mts	30
2	II Mid Examination	1hrs 50mts	30
3	External Examination	3 hrs	70

V. Course Objectives:

- I. To familiarize learners with the Indian scenario where science and technology is concerned and give them an inkling of the lives of Indian scientist who worked for the cause of science.
- II. To know the importance of humanity, love and service to mankind with reference to Mother Theresa's biography.
- III. To give an opportunity to learners to sample argumentative, narrative, descriptive and persuasive styles of writing.
- IV. To motivate learners to aspire high from discussing the achievements of eminent personalities like Amartya sen and encourage them in dreaming high.
- V. To give an opportunity to learners to sample argumentative, narrative, descriptive style of writing.
- VI. To present learners with a brief history of Nobel laureates like C.V.Raman, Gertrude Elion
- VII. To enable the learners to use grammar and vocabulary confidently.
- VIII. To introduce the finer nuances of written communication in letter writing, email writing, memo writing.
- IX. To introduce the finer nuances of written communication in report writing.

VI. Course Outcomes:

Upon successful completion of this course, the student will be able to:

1. Describe the importance of listening and reading skills.
2. Demonstrate listening and reading skills in speaking and writing technical contents.

3. Explain in one's own words the steps for performing a complex tasks: group discussion and interview.
4. Analyze information in science and technological context.
5. Evaluate approaches, methods and solutions related to learning LSRW Skills.
6. Design a strategy to perform a specific task.
7. Equip themselves with critical reading and get information from the context with the help of root words and contextual clues.

VII. How Course Outcomes are assessed:

Program Outcomes		Level	Proficiency assessed by
a	An ability to apply knowledge of mathematics, science and engineering fundamentals to the conceptualization of engineering models (Fundamental Engineering Analysis Skills).	N	--
b	An ability to design and conduct experiments, as well as analyze and interpret the data (Information retrieval skills).	N	--
c	An ability to design, implement and evaluate desired needs within realistic constraints such as economic, environmental, social, ethical, health and safety, and sustainability (Creative Skills).	S	--
d	An ability to function effectively as an individual and as a member or a leader in multidisciplinary teams (Team Work).	N	--
e	An ability to identify, formulate and apply appropriate techniques, resources and to solve engineering problems (Engineering Problem Solving Skills).	N	--
f	An understanding of professional ethics and responsibilities of engineering practice (Professional Integrity).	N	--
g	An ability to communicate effectively with the engineering community and society at large such as writing effective reports and making effective presentations (Communication Skills).	H	Assignments, worksheets, seminars
h	Understanding of the impact of engineering solutions in a global, economic, environmental and societal context (Engineering impact assessment skills).	N	--
i	An ability to engage in life-long learning and an understanding of the need to keep current of the developments in the specific field of practice (Continuing education awareness).	S	Seminars Discussions
j	Knowledge of contemporary issues like increased use of portable devices, rising health care costs and etc. which influence engineering design (Social awareness).	S	Seminars Discussions
k	An ability to use current techniques, skills and modern engineering tools necessary to analyze engineering practice (Practical engineering analysis skills).	N	--
l	An ability to apply creativity in design and development of electronic circuits, equipment, components, sub-systems and systems (Software and Hardware Interface).	N	--

m	An ability to recognize the importance of professional developments by pursuing post graduate studies or facing competitive examinations that offer challenging and rewarding careers in designing (Successful Career and Immediate Employment).	S	Assignments seminars
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N = None

S = Supportive

H = Highly Related

VIII. Syllabus:

UNIT –I

UNIT –I

Topics: Group discussion, cause and effect, events and perspectives, debate, if conditional, essay writing.

Text: **LESSONS FROM THE PAST** from **MINDSCAPES**

Importance of History - Differing Perspectives - Modern Corporatism - Lessons From The Past

UNIT –II

Topics: Idioms, essay writing, power point presentation, modals, listening and rewriting, preparing summary, debate, group discussion, role play, writing a book review, conversation

Text: **'ENERGY'** from **MINDSCAPES**

Renewable and Non-Renewable Sources - Alternative Sources -Conservation -Nuclear Energy

UNIT –III

Topics: Vocabulary, impromptu speech, creative writing, direct and indirect speech, fixed expressions, developing creative writing skills, accents, presentation skills, making posters, report writing

Text: **'ENGINEERING ETHICS'** from **MINDSCAPES**

Challenger Disaster - Biotechnology - Genetic Engineering - Protection From Natural Calamities

UNIT –IV

Topics: Vocabulary, Conversation, Collocation, Group discussion, Note-making, Clauses, Interpreting charts and tables, Report writing.

Text: **'TRAVEL AND TOURISM'** from **MINDSCAPES**

Advantages and Disadvantages of Travel - Tourism - Atithi Devo Bhava - Tourism in India

UNIT –V

Topics: Vocabulary, phrasal verbs, writing a profile, connectives, discourse markers, problem-solving, telephone skills, application letters, curriculum vitae, interviews (telephone and personal)

Text: **'GETTING JOB-READY'** from **MINDSCAPES**

SWOT Analysis - Companies And Ways Of Powering Growth - Preparing For Interviews

Text Books:

1. MINDSCAPES: English for Technologists and Engineers, Orient Blackswan, 2014.

REFERENCES:

1. **Effective Tech Communication**, Rizvi, Tata McGraw-Hill Education, 2007.
2. **Technical Communication**, Meenakshi Raman, Oxford University Press.
3. **English Conversations Prctice**, Grant Taylor, Tata Mc GrawHill publications, 2013.
4. **Practical English Grammar**. Thomson and Martinet, OUP, 2010.

Expected Outcomes:

At the end of the course, students would be expected to:

1. Have acquired ability to participate effectively in group discussions.
2. Have developed ability in writing in various contexts.
3. Have acquired a proper level of competence for employability.

IX. List of Text Books / References / Websites / Journals / Others

Text Books:

1. MIND SCAPES, English for technicians and Engineers. Orient Blackswan

Reference Books:

- III. A Practical Course in Effective English Speaking Skills by J.K.Gangal, PHI Publishers, New Delhi.2012
- JJJ. Technical Communication, Meenakshi Raman, Oxford University Press,2011.
- KKK. Spoken English, R.K. Bansal & JB Harrison, Orient Longman,2013, 4Th edition.
- LLL. Murphy's English Grammar with CD, Murphy, Cambridge University Press,3Rd edition.
- MMM. An Interactive Grammar of Modern English, Shivendra K. Verma and Hemlatha Nagarajan , Frank Bros & CO,2008.
Orient Black Swan, Hyderabad

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X. Course Plan:

Lecture No.	Learning Objective	Topics to be covered	Reference
UNIT-I			
1	To able to understand about Importance of History	Importance of History	T1
2	To able to understand Differing Perspectives	Differing Perspectives	T1
3	To be able to understand Modern Corporatism	Modern Corporatism	T1
4	To develop an awareness about Lessons From The Past	Lessons From The Past	T1
5	To develop the ability to design posters on Importance of History	Importance of History	T1
6	To understand the importance of essay writing, cause and effect, debate.	Language part of Importance of history	T1
UNIT-II			
7	To be able to link between Renewable Sources & Non-Renewable Sources	Renewable Sources	T1
8	To develop a passion towards Natural Resources	Non-Renewable Sources	T1
9	To discuss technologies in the Alternative Sources	Alternative Sources	T1
10	To teach current and long term applications of Nuclear Energy	Conservation , Nuclear Energy	T1
11	To understand the importance of preparing summary, role-play , idioms	Language part of Renewable and Non-Renewable Sources	T1
UNIT-III			
12	To be able to discuss Engineering Ethics	Challenger Disaster	T1
13	To identify the importance of Biotechnology	Biotechnology	T1
14	To be able to analyze the problems related to Genetic Engineering	Genetic Engineering	T1
15	To study the technology used to detect or to predict Natural Calamities	Protection From Natural Calamities	T1
16	To understand the importance of vocabulary, presentation skills, speech	Language part of Challenger Disaster	T1
UNIT-IV			
17	To understand different means to explore the world	Advantages and Disadvantages of Travel	T1
18	To understand the concept of Tourism	Tourism	T1

19	To understand the concept of government scheme of tourism	Atithi Devo Bhava	T1
20	To understand the different schemes implemented by the govt. to develop the Tourism.	Tourism in India	T1
21	To understand collocations, note-making, clauses, and interpreting charts and tables.	Language part of Tourism in India	T1
UNIT-V			
22	To understand the basic meaning of SWOT	SWOT Analysis	T1
23	To give a critical approach to various companies and writing a profile of the companies	Companies And Ways Of Powering Growth	T1
24	To give an opportunity to analyze and evaluate the current trends used by MNCs	Preparing For Interviews	T1
25	To give an opportunity to frame a resume	Language part of Preparing For Interviews	T1
26	To get an idea about interview skills, writing application letters.	Language part of Preparing For Interviews	T1

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