



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal - 500 043, Hyderabad, Telangana

## COURSE CONTENT

PROFESSIONAL COMMUNICATION LABORATORY								
<b>I Semester:</b> CSE (AI&ML)   IT   AE   ECE   EEE   ME   CE								
<b>II Semester:</b> CSE   CSE(DS)   CSE(CS)								
Course Code	Category	Hours / Week			Credits	Maximum Marks		
		L	T	P		C	CIA	SEE
AHSD04	Foundation	-	-	2	1	40	60	100
		Contact Classes: Nil		Tutorial Classes: Nil		Practical Classes: 45		Total Classes: 45
Prerequisite: Nil								

### I. COURSE OVERVIEW:

This laboratory course is designed to introduce students to create a wide exposure on language learning techniques of the basic elements of listening skills, speaking skills, reading skills and writing skills. In this laboratory, students are trained in communicative English language skills, phonetics, word accent, word stress, rhythm, intonation, oral presentations and extempore speeches. Students are also taught in terms of seminars, group-discussions, presenting techniques of writing, participating in role plays, telephonic etiquettes, asking and giving directions, information transfer, debates, description of persons, places and objects etc. The laboratory encourages students to work in a group, engage in peer-reviews and inculcate team spirit through various exercises on grammar, vocabulary, and pronunciation games etc. Students will make use of all these language skills in academic, professional and real time situations.

### II. COURSES OBJECTIVES

#### The students will try to learn:

- I. English speech sounds, word accent, intonation and stress patterns for effective pronunciation.
- II. Critical aspect of speaking and reading for interpreting in-depth meaning between the sentences.
- III. Language techniques for social interactions such as public speaking, group discussions and interviews.
- IV. Computer-assisted multi-media instructions and independent language learning.

### III. COURSE OUTCOMES:

#### At the end of the course, students will be able to:

- CO 1 Articulate acceptable accent in order to execute formal and informal communication.
- CO 2 Differentiate stress shifts, syllabification and make use of past tense and plural markers effectively in connected speech; besides participate in role plays with confidence.
- CO 3 Use weak forms and strong forms in spoken language and maintain intonation patterns as a native speaker to avoid mother tongue influence; moreover, practice various etiquettes at professional platform.
- CO 4 Demonstrate errors in pronunciation and the decorum of oral presentations; for that reason, take part joining in group discussions and debates with much critical observations.
- CO 5 Strengthen writing effective messages, notices, summaries and also able to write reviews very critically of art and academical videos.
- CO 6 Argue scholarly, giving the counters to open ended experiments, and also writing slogans for the products talentedly.

## Dos

1. Turn up in a neat and formal dress code regularly and maintain punctuality.
2. Bring observation books and worksheets for every laboratory session without fail.
3. Keep lab record book up to date.
4. Students must adhere to the acceptable use of ICT resources policy.
5. CD ROM 's, USB and other multimedia equipment are for college use only.
6. Replace headsets onto the monitor and rearrange your chairs back into their position as you leave laboratory.
7. Get your lab worksheets evaluated and upload online within the stipulated time for online evaluation by the faculty concerned.
8. Conduct yourself at the best to be a good learner.

## Don'ts

1. Do not use the on/off switch to reboot the system.
2. Do not breach copyright regulations.
3. Do not install or download any software or modify or delete any system files on any laboratory computer.
4. Do not read or modify other users' files.
5. Do not damage, remove, or disconnect any labels, parts, cables or equipment.
6. Do not make undue noise in the laboratories. Be considerate of the other lab users- this is study area.
7. No food and the beverages are allowed into computer laboratories.

## IV.COURSE CONTENT

### Exercises for professional communication laboratory

**Note:** Students are encouraged to bring their own laptops for laboratory practice session

#### Getting started exercises

##### 1. Introduction to pronunciation

---

#### Experiments

CALL LAB: Introduction to pronunciation

ICS LAB: Introducing self and introducing others and feedback

#### Activities

- a) Pronunciation practice among groups.
- b) Follow formal rules of introducing self and others and giving the constructive feedback.
- c) Pronunciation practice from the K-Van software

##### 2. Introduction to phonetics

---

#### Experiments

CALL LAB: Introduction to phonetics, listening to English sounds, Vowel and Consonant sounds.

ICS LAB: Describing a person or place or a thing using relevant adjectives – feedback

#### Activities

- a) Introduction to phonetics, listening to English sounds, Vowel and Consonant sounds
- b) Describing a person or place or a thing using relevant adjectives and giving valid feedback.
- c) Listening English phonemes from K-Van software

### 3. Syllabification of different lexemes

---

#### Experiments

CALL LAB: Structure of syllables.

ICS LAB: JAM Sessions using public address system

#### Activities

- a) Participating in just a minute session
- b) Practicing consonant clusters
- c) Practicing different methods of dividing the syllables

### 4. Word accent and stress shift patterns

---

#### Experiments:

CALL LAB: Word accent and stress shifts.

ICS LAB: Asking for directions and giving directions

#### Activities:

- a) Usage of appropriate lexical tools at the time of giving directions
- b) Pronounce weak and strong forms using strategies in spoken language

### 5. Usage of markers in pronunciation

---

#### Experiments:

CALL LAB: Past tense and plural markers.

ICS LAB: Role plays on fixed expressions in various situations

#### Activities:

- a) Addition of suffixes to verbs
- b) Multiple exercises on nouns based its number
- c) Execution of body language in different contexts

### 6. Use of form in connected speech

---

CALL LAB: Weak forms and strong forms

ICS LAB: Extempore-Picture

#### Activities:

- a) Practice on recognition of objects
- b) Preparation on connected speech based on tone boundaries
- c) Execution while describing pictures

### 7. Intonation patterns

---

#### Experiments

CALL LAB: Intonation

ICS LAB: Interpretation of Proverbs and Idioms

#### Activities

- a) Voce modulation in speech as per context
- b) Application of proverbs in real life contexts
- c) Exercises on idiomatic expressions

### 8. Neutralization of Mother Tongue influence (MTI)

---

#### Experiments

CALL LAB: Neutralization of Mother Tongue Influence (MTI).

ICS LAB: Etiquette

#### Activities

- a) Mirror practicing to get rid of mother tongue influence
- b) Listening to English speeches from native speakers
- c) Etiquettes for social and professional behavior

## 9. Oral presentations

---

### Experiments

CALL LAB: Common errors in pronunciation practice through tongue twisters.

ICS LAB: Oral Presentations

### Activities

- a) Practicing tongue twisters to accelerate language fluency
- b) Practice on how to grab attention of audience
- c) Formulating strategies for structured presentation

## 10. Minimal pairs and debates

---

### Experiments

CALL LAB: Minimal pairs.

ICS LAB: Debates

### Activities

- a) Practicing minimal pair dominoes
- b) Working on minimal pair-cards and counters
- a) Executing interpersonal skills with argumentative issues

## 11. Listening comprehension skills

---

### Experiments

CALL LAB: Listening comprehension.

ICS LAB: Group discussion

### Activities

- a) Listening to dialogues of native speakers
- b) Listening and writing short stories
- b) Exercising group discussion on various social issues

## 12. Enriching writing skills

---

### Experiments

CALL LAB: Demonstration on how to write leaflets, messages and notices.

ICS LAB: Techniques and methods to write summaries and reviews of videos

### Activities

- a) Practice on writing suitable messages and notices
- b) Summary writing techniques
- c) Practice on writing reviews for sociopolitical videos

## 13. Activities on pronunciation skills

---

### Experiments

CALL LAB: Pronunciation practice.

ICS LAB: Information transfer

### Activities

- a) Exercise on commonly mispronounced words
- b) Preparation on similar words pronunciation
- c) Practice on transferring information through chats and diagrams

## 14. Writing reviews after watching statements

---

### Experiments

CALL LAB: Open ended experiments-phonetics practice.

ICS LAB: Providing reviews and remarks

### Activities

- a) Writing three term labels for vowels
- b) Writing three term labels for consonants
- c) Practice on giving reviews and remarks

## 15. Experiments on text to speech and writing slogans

---

### Experiments

CALL LAB: Open-ended experiments-text to speech.

ICS LAB: Writing slogan related to the image

### Activities

- a) Practice through streaming video lessons
- b) Training on creating dialogues and stories
- c) Practice on designing and writing slogans

### V. TEXT BOOKS:

1. Professional Communication laboratory manual

### VI. REFERENCE BOOK

1. Meenakshi Raman, Sangeetha Sharma, *Technical Communication Principles and Practices*, Oxford University Press, New Delhi, 3rd Edition, 2015.
2. Rhirdion, Daniel, *Technical Communication*, Cengage Learning, New Delhi, 1st Edition, 2009.

### VII. ELECTRONICS RESOURCES

1. Cambridge online pronunciation dictionary <https://dictionary.cambridge.org/>
2. Fluentu website <https://www.fluentu.com/>
3. Repeat after us <https://brycs.org/clearinghouse/3018/>
4. Language lab <https://brycs.org/clearinghouse/3018/>
5. Oxford online videos

### VIII. MATERIALS ONLINE

1. Course template
2. Lab manual