

**UNIVERSITY OF HYDERABAD
COLLEGE FOR INTERGATED STUDIES**

IMA Language Science

Course Code:

L-T-P: L

Prerequisite Course: Nil

Title of the course: Phonetics

Credits: 4 [Four]

Semester: I

Course Learning Outcomes (CLOs)

After completion of this course successfully, the students will be able to:

- CLO-1: Understand the role of organs of speech in the articulation of the speech sounds.
- CLO-2: Describe the speech sounds in terms of voicing, place and manner of articulation.
- CLO-3: Recognize, articulate and transcribe the human speech sounds.
- CLO-4: Understand the suprasegmental features of the speech sounds.
- CLO-5: Understanding the Acoustic and auditory aspects of the speech sounds.

Syllabus:

Unit 1: Speech, Speech sounds, Airstream mechanism, Organs of speech, Articulators, Active articulators versus Passive articulators.

Unit 2: Articulation and description of Consonants, voiced, Voiceless, Place of articulation, Manner of articulation, Stop, Plosive, Fricative, Affricate, Nasal, Nasalized, Lateral, Retroflex, Flaps, Trills, Articulation and description of Vowels, Diphthongs.

Unit 3: Introduction to international Phonetic Alphabets (IPA), Phonetic and phonemic Transcription of pulmonic and nonpulmonic consonants, vowels and other diacritics.

Unit 4: Syllable and suprasegmental features: Structure of the syllable, syllable division. Weak vs strong syllables. Stress: Primary stress, secondary stress, stress in simple and complex words, tone and intonation.

Unit 5: Acoustic and Auditory Phonetics: Waveforms and time management, Fundamental frequency, Sound magnitude, spectrogram. The mechanism of hearing, loudness, Pitch and quality, speech perception.

Reference Books

Abercrombie, D. 1967. *Elements of General Phonetics*. Edinburg: Edinburgh University Press.

Ashby, Patricia. 2002. *Speech Sounds*. London: Routledge.

Ashby, Patricia. 2011. *Understanding Phonetics*. London: Hodder Education.

Clark, J and Yallop, C. 1995. *An Introduction to Phonetics and Phonology*. New York: Harper and Row.

Hewlett, N. & Beck, Janet. (2006). *An introduction to the science of Phonetics*. LEA: New Jercy.

International Phonetic Association. (1999). *Handbook of the IPA: A guide to the use of the IPA*. Cambridge: Cambridge University Press.

Johnson, Keith. 2003. *Acoustic and Auditory Phonetics*. Blackwell Publishing.

Ladefoged, Peter. 1996. *Elements of Acoustic Phonetics*. (2nd Edition). Chicago: University of Chicago Press.

Ladefoged, Peter. 2001. *A Course in Phonetics*. London: Harcourt Brace.

Ladefoged, Peter. 2001. *Vowels and Consonants*. New York: Blackwell.

Roach, P. 1983. *English Phonetics and Phonology: A practical course*. Cambridge: Cambridge University Press.

Wells, J. C. 2008. *Longman Pronunciation Dictionary*. London: Longman.

Software: PRAAT

Assessment Pattern: Three Internals (Best two of the three) and one End Semester Examination.