Programme Outcomes

| PO1: Apply the knowledge of language fundamentals and various literatures in society, computers, psychology, cognitive science and medicine. |
| PO2: Formulate, solve and analyze complex problems in variety of domains that constitute the core of language and literature knowledge, including familiarity with diverse questions of interest in the areas of (and interfaces between) structures of language and aesthetics of literature. |
| PO3: Apply the acquired knowledge for analyzing language and writing in appropriate genres and modes for a variety of purposes and audiences and provide solutions to societal and environmental contexts for problems related to language change, policy and planning. |
| PO4: Design and conduct research, analyse and interpret data to provide valid conclusions in the field of literature and in the descriptive as well as applied language studies. |
| PO5: Select and apply appropriate modern theories and techniques including cognitive, psychological, biological, cultural, and social factors for language study and research. |
| PO6: Gain exposure to attain knowledge and understand interdisciplinary and multidisciplinary linguistic and literary approaches. |
| PO7: Acquire professional and intellectual integrity, code of conduct and ethics on communicational practices, understanding responsibilities and norms for sustainable development of society. |
| PO8: Interact with the specific linguistic community and with society at large, through critical conversations and prepare, organize, and deliver their work to the public through speaking and writing. |
| PO9: Understand the aesthetic and scientific concepts of language and demonstrate the knowledge as a skilled person in teams and multidisciplinary tasks in their profession. |
| PO10: Appreciate the need for self-preparation and life-long learning independently in the broadest context of language challenges in the context of multilingualism and globalization. |

Programme Specific Outcomes

| PSO1: The student will be able to: understand how speech sounds are used to create meaning. |
| PSO2: Apply their knowledge of phonetics and phonology to improve their own pronunciation, in further studies of languages and linguistics and in teaching. |
| PSO3: Ability to analyze specific sounds & understand systematic properties of sound system of English. |
| PSO4: Ability to recognize and analyze the grammatical system of English and other languages. |
Course – I ARTICULATORY PHONETICS

Learning Objectives of the course Articulatory Phonetics

- Understand the general principles of phonetics for describing various sounds in human languages
- Describe the phonetic system of human language and differentiate the sounds of native language from other language
- Eliminate phonemic errors (wrong sounds) and refine their own pronunciation
- Use IPA (International Phonetic Alphabet) to transcribe the native as well as other languages
- Employ the tools learned in class to both evaluate and improve their own pronunciation of native language as well as the pronunciation of others.

UNIT – 1 Introduction to Phonetic Study:

UNIT – 2 Classification of Speech Sounds:

UNIT – 3 Co-articulation and sequences:
Syllables – syllable types and numbers – Transcription – Phonetic Vs Phonemic – Narrow Vs Broad.

UNIT – 4 Sounds in Sequence:

UNIT – 5 Basic Analytic Concepts:

Text Books:
2. Bloch, B. & Trager, G. L. Outline of Linguistic analysis, USA Baltimore, USA. 1972,
3. Catford, J. C. A practical introduction to phonetics, Edinburgh: Edinburgh University Press. 1990,

Supplementary Readings:
Outcome

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

CO:1. Describe the basic sounds of human language and their realization of various Symbols
CO:2. Understand the types of phonation.
CO:3. Get exposure on acoustic and auditory phonetics.
CO:4. Explain prosodic features related to settings and segments
CO:5. Differentiate sounds in sequences

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Course–2: ACOUSTICS AND INSTRUMENTAL PHONETICS

Learning Objectives of the course Instrumental Phonetics

- To interpret basic patterns in a spectrogram.
- To describe acoustic characteristics of the speech in general
- To provide an account of general acoustic elements and the source-filter perspective of language sounds, and be aware of methods used to produce spectra and spectrograms
- To distinguish the acoustic patterns of vowel and consonant categories and theories of the links between these patterns and production and perception;
- To get exposure on main dimensions of the voice, from articulatory, acoustic and perceptory viewpoints: pitch, voice power, voice qualities

UNIT - 1 Basic concept:

UNIT - 2 The carrier nature of speech:

UNIT - 3 Anatomy and Function of the Ear:
Non – linearity of Ear – Hearing range – Perception cues for identification, Place, Manner and voicing.

UNIT - 4 Spectrographic Analysis:
Spectral properties of vowels, stops, nasals, fricatives, glides and prosodic features.

UNIT - 5 Instrumental Analysis:
Palatographic, kymographic and oscillographic analysis, visipitch. Investigating articulatory contact and nature of air flow and wave shape – softwares for acoustic analysis.
Text Books:

Supplementary Readings:

Outcome:
After completion of this course, the students will be able to:
CO.1. Describe basic speech sounds in human languages
CO.2. Explain various properties of vowels
CO.3. Develop softwares for acoustic analysis.
CO.4. Explain place and manner of articulation and voicing.
CO.5. Differentiate vowels and consonants production

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