

KU2DSCFNG107: FUNDAMENTALS OF SPEECH SOUNDS

Semester	Course Type	Course Level	Course Code	Credits	Total Hours
2	DSC	100-199	KU2DSCFNG107	4	5

Learning Approach (Hours/ Week)			Marks Distribution			Duration of ESE (Hours)
Lecture	Practical	Tutorial	CE	ESE	Total	
3	2	0	35	65	100	1.5

Course Description: This course offers an introduction to phonetics, the systematic study of human speech production.

Course Prerequisite: NIL

Course Outcomes:

CO No.	Expected Outcome	Learning Domains
1	Understand the functioning of English sound system	U
2	Understand the difference in pronunciation between different varieties of English	U
3	Apply the understanding of phonetics to improve speaking skills and pronunciation	A
4	Enhance listening comprehension through a deeper understanding of speech sounds.	A
5	Gain valuable insights applicable to language learning and teaching	A, An

*Remember (R), Understand (U), Apply (A), Analyse (An), Evaluate (E), Create (C)

Mapping of Course Outcomes to PSOs

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6	PSO 7
CO 1	✓	✓				✓	
CO 2	✓				✓		
CO 3	✓					✓	
CO 4	✓			✓			

CO 5		✓		✓			✓
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COURSE CONTENTS

Contents for Classroom Transaction:

MODULE	UNIT	DESCRIPTION	HOURS
MODULE I	Unit 1 - Introduction		
	a)	Introduction to linguistics	5
	b)	Definition and Scope of Phonetics	
	c)	Branches of Phonetics	
	Unit 2 - Speech Mechanisms		
MODULE II	a)	Air-stream Mechanism	5
	b)	Respiratory, Phonatory and Articulatory system	
	Unit 1 - The Sounds of English		
	a)	The International Phonetic Alphabet	12
	b)	Consonants - three term label	
MODULE III	c)	Vowels: monophthongs and diphthongs	
	d)	Cardinal Vowels	
	Unit 2 - Introduction to Phonology		
	a)	Phoneme and Minimal Pairs	6
	b)	Allophone and Free variation	
	c)	Syllable	
MODULE III	Unit 1 - Suprasegmentals & Connected Speech Processes		
	a)	Word Stress and Sentence Stress	12
	b)	Intonation, Pitch and Rhythm	
	c)	Assimilation, Elision, Linking 'r' and Intrusive 'r'	
	d)	Strong and weak forms	
	Unit 2 - Phonetic Transcription Practice		
	a)	Phonetic Transcription of words	15

	b)	Phonetic Transcription of dialogues	
Unit 1 - Language Varieties			
MODULE IV	a)	Dialects and Registers	6
	b)	Idiolects and Sociolects	
	c)	Pidgins and Creoles	
Unit 2 - Varieties of English			
	a)	Received Pronunciation (RP)	6
	b)	American English Pronunciation	
	c)	General Indian English (GIE)	
	d)	L1 interference in Pronunciation	
Teacher Specific Module			8
Directions:			
MODULE V		<ul style="list-style-type: none"> • Target exercises to be provided using the Language Lab to teach the basics of stress and intonation patterns. • Worksheets to be provided for transcription practice. 	

Essential Readings:

1. Balasubramanian, T. *A Textbook of English Phonetics for Indian Students*. Macmillan, 1981.
2. Jones, Daniel. *English Pronouncing Dictionary*. Cambridge U P, 2011.
3. Ladefoged, Peter. *A Course in Phonetics*. Harcourt College Publishers, 2001.
4. Roach, Peter. *English Phonetics and Phonology: A Practical Course*. CUP, 2010.
5. Underhill, Adrian. *Sound Foundations: Learning and Teaching Pronunciation*. Macmillan, 2008.
6. — . *Sound Foundations: Living Phonology*. Heinemann, 1994.
7. Syamala, V. *A Textbook of English Phonetics and Structure for Indian Students*. Sharath Ganga Publications, 1992.
8. <https://www.internationalphoneticassociation.org/>

Assessment Rubrics:

Evaluation Type	Components		Marks
End Semester Evaluation (ESE)	Theory		50
	Practical		15
	a) Viva		15
	ESE Total		65
Continuous Evaluation (CE)	Theory		25
	a) Test Paper- 1		5
	b) Test Paper-2		5
	c) Assignment		5
	d) PPT Presentation		10
	Practical		10
	a) Transcription worksheets		10
	CE Total		35
	Total (ESE + CE)		100