

**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	<b>Unit 1 - Introduction</b>		
	a)	Introduction to linguistics	5
	b)	Definition and Scope of Phonetics	
	c)	Branches of Phonetics	
	<b>Unit 2 - Speech Mechanisms</b>		
	a)	Air-stream Mechanism	5
	b)	Respiratory, Phonatory and Articulatory system	
MODULE II	<b>Unit 1 - The Sounds of English</b>		
	a)	The International Phonetic Alphabet	12
	b)	Consonants - three term label	
	c)	Vowels: monophthongs and diphthongs	
	d)	Cardinal Vowels	
	<b>Unit 2 - Introduction to Phonology</b>		
	a)	Phoneme and Minimal Pairs	6
	b)	Allophone and Free variation	
	c)	Syllable	
MODULE III	<b>Unit 1 - Suprasegmentals &amp; Connected Speech Processes</b>		
	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	
	<b>Unit 2 - Phonetic Transcription Practice</b>		
	a)	Phonetic Transcription of words	15

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

**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