

PHONETICS

INTRODUCTION AND CONSONANT SOUNDS

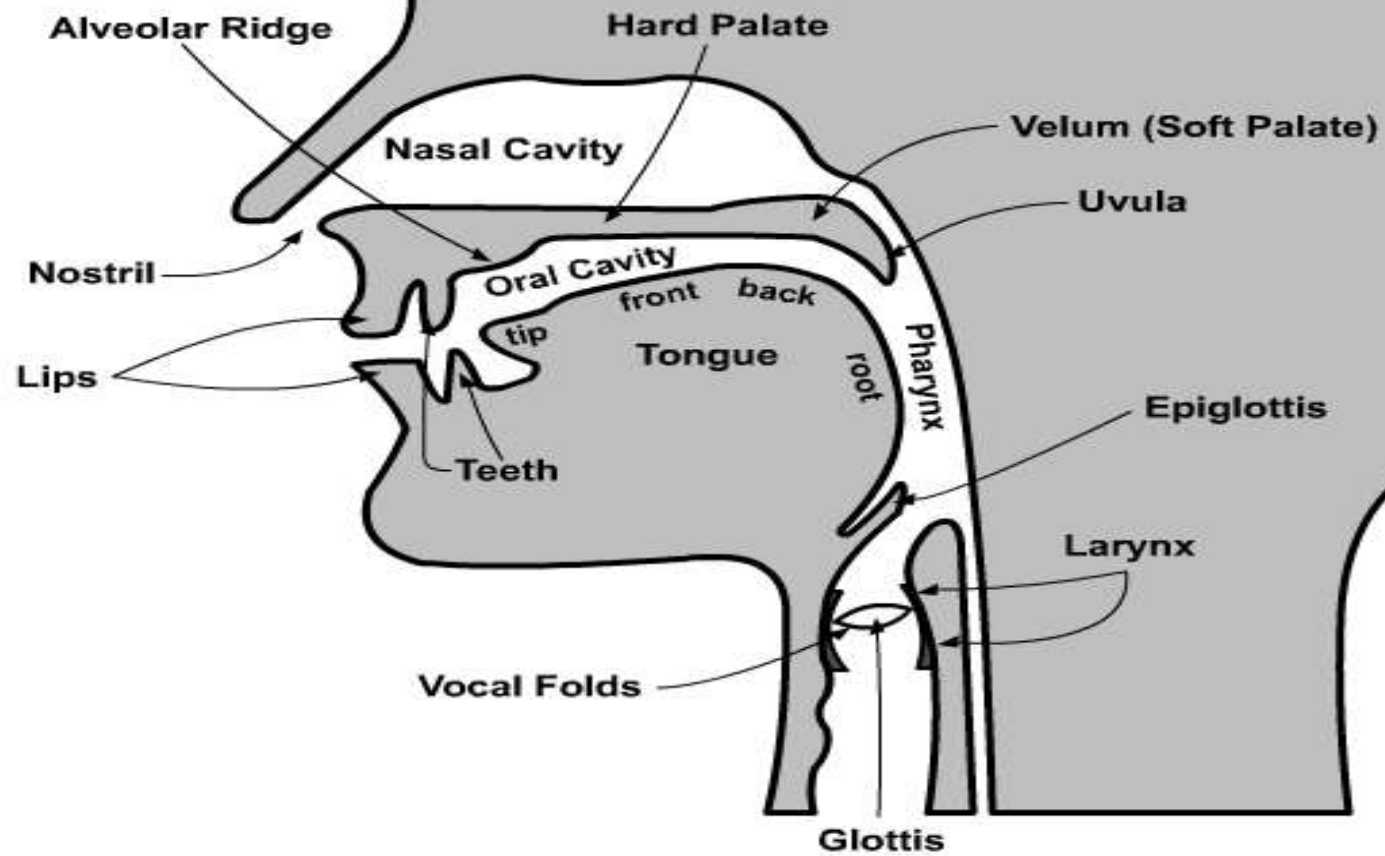
Prepared by----

Dr. T. Sunand Emmanuel

**Assistant Professor in English, Department of
H&SS, Vasavi College of Engineering
(Autonomous), Hyderabad-500031**


Definition of Phonetics

- **Phonetics is the scientific and systematic study of human speech sounds.**



Articulators/organs of the mouth

1. teeth ridge/alveolar ridge
2. tip of the tongue
3. blade of the tongue
4. middle part of the tongue
5. back of the tongue
6. Roof of the mouth (hard palate)

- 
- **The English language has 1 alphabet**
 - **26 Letters (5 vowel letters and 21 consonant letters)**
 - **But speech sounds are 44**

Phonetics

- 1 alphabet (26 letters)


44 speech sounds

24 consonant sounds

20 Vowel sounds

12 monophthongs

8 diphthongs

- 
- Out of these 44 speech sounds, 24
 - are consonant sounds and 20
 - vowel sounds.
 - Out of the 20 vowel sounds, 12 are
 - monophthongs and 8 are diphthongs.

- **Consonant sounds---**24
- Consonant sounds are those which are uttered with **partial obstruction of air**
- **Vowel Sounds---**20. They are uttered **without any obstruction of air**



Monophthongs and diphthongs

- **Monophthongs** are also called pure vowel sounds. They are single vowel sounds.
- Eg:
- /u/-- should, put, foot
- **Diphthongs** are also called impure vowel sounds/glides. They are a combination of two vowel sounds.
- Eg:
- /eɪ/-- tail, rail, mail

Voiceless and Voiced sounds

- Voiceless sounds: Vocal cords do not vibrate.
- Eg: /s/-- ship, shape
- Voiced sounds: Vocal cords vibrate.
- Eg: /z/-- pleasure, leisure

24 Consonant sounds

PLOSIVES (6)

- /p/--- pen, post, past, tap, cap, zip, topper
- /b/-- bin, boon, bout, ban, bless, tab, nab, rubber
- /t/ -- tin, tab, town, bat, cat, cutter, clout, fight
- /d/-- doom, dust, dark, mad, clad, rudder
- /k/ -- king, kite, cloud, coat, pack, knack, pack
- /g/-- goat, girl, gown, gate, tag, nag, bag

NASALS (3)

- **/m/-- mind, moon, moan, calm, palm, jammer**
- **/n/-- nine, noun, name, ban, clan, runner**
- **/ŋ/-- sing, rung, cling, bling, sang, mingle**

FRICATIVES (9)

- **/f/** --fit, fight, fought, knife, life, cliff
- **/v/**-- vine, vice, vile, valley, vase, vicious, voice, various, vocal
- **/θ/**--thick, thin, thought, path, cloth, wrath,
- **/ð/**-- than, gather, mother, father, brother, together
- **/s/**-- sin, sip, soup, pass, class, mass, face, nice
- **/z/**--zip, zoom, zap, buzz, zeal, zone
- **/ʃ/** -- shape, shoot, shout, cash, mash, fashion
- **/ʒ/**-- pleasure, measure, treasure, leisure, beige
- **/h/**-- hat, hot, hoot, high, height

AFFRICATES (2)

- /tʃ/--patch, catch, match, latch, chin, chip, chain
- /dʒ/--jam, gym, judge, jelly, joke, joker, judgement
- clutch /tʃ/
- jelly--- /dʒ/

LATERALS (1)

- **/l/-- lamp, loom, lips, lantern, light, love, life, lean**

APPROXIMANTS (SEMI-VOWELS) (3)

- **/w/ --world, why, when, what, which**
- **/r/--red, rule, road, rough, rain, right**
- **/j/ --yard, yellow, yummy, yoke**



Thank you

Prepared by Dr. T. Sunand Emmanuel , H&SS
Department