

CIRCULAR :-

The Head, University Department of Linguistics and the Principals of the affiliated colleges in Arts are hereby informed that the recommendation made by the Ad-hoc Committee appointed by the Academic Council to advise it on all matters relating to the courses of study and examinations leading to the degree of M.A. and Ph.D. (Arts) in the subject of Linguistics at its meeting held on 23rd June, 2008 has been accepted by the Academic Council at its meeting held on 8th August, 2008 vide item No.4.1 and subsequently approved by the Management Council at its meeting held on 1st September, 2008 vide item No.8 and that, in accordance therewith, the Certificate Course in Phonetics and Phonology has been introduced by the University from the academic year 2008-2009.

Further that in exercise of powers conferred upon the Management Council under Section 54(1) and Section 55(1) of the Maharashtra Universities Act, 1994, it has made the Ordinances 5776 and 5777 and Regulations 5914, 5915, 5916 and 5917 relating to the syllabus at the Certificate Course in Phonetics and Phonology is as per Appendix and that the same has been brought into force with effect from the academic year 2008-2009.

MUMBAI-400 032
19th November, 2008

PRIN. K. VENKATARAMANI
REGISTRAR

To,

The Head, University Department of Linguistics and the Principals of the affiliated colleges in Arts.

A.C/4.1/08.08.2008
M.C/8/01.09.2008

No.UG/506-A of 2008,

MUMBAI-400 032

19th November, 2008.

Copy forwarded with Compliments for information to:-

- 1) The Dean, Faculty of Arts,
- 2) The Convener of the Ad-hoc Committee appointed by the Academic Council to advise it on all matters relating to the courses of study and examinations leading to the degree of M.A. and Ph.D.(Arts) in the subject of Linguistics.
- 3) The Controller of Examinations,
- 4) The Co-ordinator, University Computerization Center.

(D. H. KATE)
DEPUTY REGISTRAR
(U.G./P.G. Section)

08/08/08

UNIVERSITY OF MUMBAI



ORDINANCES, REGULATIONS AND SYLLABUS FOR CERTIFICATE COURSE IN PHONETICS AND PHONOLOGY

(with effect from the academic year 2008-2009.)

Certificate Course in Phonetics and Phonology

The main objective of this course is to introduce basic concepts of phonetic and phonological analysis. This course aims at acquainting students with the mechanisms of speech production and to train them to perceive, identify and transcribe speech sounds using the IPA symbols. The course also aims to introduce concepts and techniques that would equip the students to undertake a basic phonological analysis of natural languages.

I. Introduction:

1. The role of sounds in communication
2. The domain of phonetics
3. Major branches of phonetics: articulatory, acoustic and auditory phonetics

II. Physiology and anatomy of speech production:

1. Phases of speech
2. Speech organs and their functions

III. Basic components of speech production:

1. Initiation or air-stream mechanism
Types of air-stream mechanisms:
 - a. Ingressive and egressive air-stream
 - b. Pulmonic air-stream mechanism
 - c. Velaric air-stream mechanism
 - d. Glottalic air-stream mechanism
2. Phonation (states of the glottis)
Phonation types
3. Articulation: place and manner of articulation; various stricture types

IV. Classification and description of speech sounds:

1. Distinction between consonants and vowels
2. Articulatory and acoustic criteria for classification and description of consonants
3. Articulatory and acoustic criteria for classification and description of vowels
4. Semivowels
5. Diphthongs and triphthongs

V. Co-articulation and Sequences:

1. Co-ordinate articulation
2. Secondary articulation
3. Homorganic, heterorganic and contiguous sequences
4. Transitions: open and closed transitions, juncture

VI. The syllable:

1. Notion of the syllable, notions of *Varna* and *Akshara* in Indian tradition
2. Obligatory component of the syllable: the peak
3. Form/ structure of a syllable

VII. Prosody:

1. Prosodic features: pitch, length, loudness
2. Stress: primary and secondary stress, relation of stress with loudness, length and prominence, rhythm
3. Tone: pitch contours, types of tones, toneme and tonal languages
4. Intonation: intonation groups, structure of the tone unit; functions of intonation: attitudinal function, accentual function, grammatical function, & discourse function.

VIII. Phonetics in Indian tradition:

Introduction to *Paniniya Shiksha*

IX. Phonology: Introduction

1. Relation of Phonetics and Phonology
2. Notion of a phoneme: distinctiveness, phoneme-phone-allophone, archiphoneme
3. Psychological reality of a phoneme

X. Identification of phonemes of a language (Discovery procedures)

1. Contrastive distribution, complementary distribution, and free variation
2. Phonetic similarity
3. Pattern congruity
4. Economy

XI. The Distinctive Feature Theory and Generative Phonology:

1. Inventory of phonemes and phonological system
2. The need for distinctive features
3. Phonetic features: classification of sounds revisited
4. Distinctive Feature Theory and Generative phonology
5. Natural class
6. Redundancy and the feature matrix of phonemes of a language
7. Markedness
8. Underlying and surface representations
9. Phonological rules: rule writing, rule ordering
10. Phonology and grammar

XII. Morphophonemics:

1. Interaction of phonology and morphology: the notion of a morpho-phoneme
2. Morphophonemic alternations
3. Morphophonological processes

XIII. Sound systems of languages:

In this module the students will be exposed to the sound systems of some of the languages of the world.

Reading List:

- Bolinger Dwight (ed), 1972, *Intonation*, Harmondsworth: Penguin Books Ltd.
- Catford J.C., 1988, *A Practical Introduction to Phonetics*, Oxford: Clarendon Press.
- Davenport & Hannahs, 2005, *Introducing Phonetics and Phonology*, London: Hodder Arnold.
- Deshpande Madhav, 2001, 'Ancient Indian Phonetics', in Charles W. Kreidler (ed), *Phonology: Critical Concepts vol. I*, London and New York: Routledge.
- Deshpande Madhav, 2001, 'Panini and The Distinctive Features', in Charles W. Kreidler (ed), *Phonology: Critical Concepts vol. II*, London and New York: Routledge.
- Fromkin Victoria et al (eds), 2000, *Linguistics: An Introduction to Linguistics*, Cambridge: Blackwell.
- Fudge E.C. (ed), 1973, *Phonology*, Harmondsworth: Penguin.
- Goldsmith J. (ed), 1995, *The Handbook of Phonological Theory*, Cambridge: Blackwell.
- Gussmann Edmund, 2002, *Phonology: Analysis and Theory*, Cambridge: Cambridge University Press.
- Hockett C.F., 1958, *A Course in Modern Linguistics*, New York: Macmillan
- Jakobson Roman, 1978, *Six Lectures on Sound and Meaning*, Hassocks: The Harvester Press.
- Kenstowicz Michael, 1994, *Phonology in Generative Grammar*, Cambridge MA & Oxford UK: Blackwell.
- Kenstowicz M. & Charles Kisseberth, 1979, *Generative Phonology: Description & Theory*, New York: Academic Press.
- Ladefoged Peter, 1993, *A Course in Phonetics*, New York: Hartcourt Brace Jovanovich Publishers (3rd edition).
- Laver J., 1994, *Principles of Phonetics*, Cambridge: Cambridge University Press.
- MacMohan Michael K.C., 1996, 'Phonetic Notation', in Peter Daniels & W. Bright (eds), *The World's Writing Systems*, New York: Oxford University Press.
- Roach Peter, 1991, *English Phonetics and Phonology*, Cambridge: Cambridge University Press (2nd edition).

Rocca Iggy & Wyn Johnson, 1999, *A Course in Phonology*, Oxford and Massachusetts: Blackwell Publishers.

Pike K.L., 1947, *Phonemics*, Ann Arbor: University of Michigan Press.

Odden David, 2005, *Introducing Phonology*, Cambridge: Cambridge University Press.

Schane Sanford A., 1973, *Generative Phonology*, New Jersey: Prentice Hall Inc.

5914 Duration of the Course: One academic year

5977 Eligibility : A candidate for being eligible for admission to the **Certificate Course in Phonetics and Phonology** must have passed the HSC (Std. XII) examination conducted by the Maharashtra State Board of Higher Secondary Education or an equivalent examination conducted by any other educational body recognized by the University of Mumbai .

5915 Intake capacity: 50 students

5916 Fees :
Registration/Admission Fee : Rs.40/-
Tuition Fee : Rs.2000/-
Examination Fee : Rs.300/-

5917 Examination Pattern :
Written Examination : 100 Marks (Duration: 3 Hours)
Oral Examination/ Practical : 50 Marks

The examination for the **Certificate course** shall be held once at the end of every academic year. In the written examination, the candidate will have to answer **five** questions. Each question would carry 20 marks and there will be internal options for every question.

In order to qualify for the Certificate, the candidate must obtain (minimum) 40% of the total marks in the written and oral examinations separately.