



**THE SANSKRIT COLLEGE AND UNIVERSITY**

**SYLLABUS**

**LINGUISTICS**

**2019**

**POST GRADUATE PROGRAMME  
UNDER  
CHOICE BASED CREDIT SYSTEM [CBCS]**

## **COURSE PATTERN**

Two-year Postgraduate programme in Linguistics is comprised of four (4) Semesters. Each Semester offers six papers: Four Core papers (compulsory) and two optional papers (out of three). Each Core and optional paper is designed into five units. Each paper carries 50 (40+10) marks. 40 will be evaluated for Term End Semester Exam and 10 will be evaluated for Internal Assessment.

<b>POST GRADUATE PROGRAMME (TWO YEAR)</b>	<b>NUMBER OF PAPERS PER SEMESTER</b>	<b>MARKS OF PAPERS</b>
SEMESTER-1	6 ( 4 CORE PAPERS & 2 OPTIONAL PAPERS)	50 x 6 = 300
SEMESTER-II	6 ( 4 CORE PAPERS & 2 OPTIONAL PAPERS)	50 x 6=300
SEMESTER-III	6 ( 4 CORE PAPERS & 2 OPTIONAL PAPERS)	50 x 6=300
SEMESTER-IV	6 ( 4 CORE PAPERS & 2 OPTIONAL PAPERS)	50 x 6=300
	<b>24 PAPERS (TOTAL)</b>	<b>1200 (TOTAL)</b>

## OUTLINE OF SYLLABUS

<b>SEMESTER-1</b>	CORE PAPERS (Four papers are compulsory)	<b>Course Code</b>	<b>Course Title</b>
		<b>LIN/C/1.1</b>	Introduction to Linguistics
		<b>LIN/C/1.2</b>	Phonetics & Phonology-I
		<b>LIN/C/1.3</b>	Morphology and Syntax-I
		<b>LIN/C/1.4</b>	Semantics and Lexicography
	OPTIONAL PAPERS (Any Two need to be opted out of three)	<b>LIN/O/1.5</b>	Structure of English
		<b>LIN/O/1.6</b>	Translation Studies
		<b>LIN/O/1.7</b>	Structure of Bangla
<b>SEMESTER-II</b>	CORE PAPERS (Four papers are compulsory)	<b>LIN/C/2.1</b>	Historical Linguistics and Typology
		<b>LIN/C/2.2</b>	Phonetics and Phonology-II
		<b>LIN/C/2.3</b>	Morphology-II
		<b>LIN/C/2.4</b>	Syntax-II
	OPTIONAL PAPERS (Any Two need to be opted out of three)	<b>LIN/O/2.5</b>	Language Families in India and Comparative Indo Aryan
		<b>LIN/O/2.6</b>	Semantics-II
		<b>LIN/O/2.7</b>	Computational Linguistics-I
<b>SEMESTER-III</b>	CORE PAPERS (Four papers are compulsory)	<b>LIN/C/3.1</b>	Sociolinguistics and Pragmatics
		<b>LIN/C/3.2</b>	Psycholinguistics and Neurolinguistics-1
		<b>LIN/C/3.3</b>	Syntax-III
		<b>LIN/C/3.4</b>	Stylistics and Indian Grammatical Tradition
	OPTIONAL PAPERS (Any Two need to be opted out of three)	<b>LIN/O/3.5</b>	Endangered Languages
		<b>LIN/O/3.6</b>	Computational Linguistics-1
		<b>LIN/O/3.7</b>	Semantics-III
<b>SEMESTER-IV</b>	CORE PAPERS (Four papers are compulsory)	<b>LIN/C/4.1</b>	Applied Linguistics
		<b>LIN/C/4.2</b>	Psycholinguistics and Neurolinguistics-II
		<b>LIN/C/4.3</b>	Phonology and Morphology-III
		<b>LIN/C/4.4</b>	Field Linguistics
	OPTIONAL PAPERS (Any Two need to be opted out of three)	<b>LIN/O/4.5</b>	Syntax-IV
		<b>LIN/O/4.6</b>	Language Panning
		<b>LIN/O/4.7</b>	Semiotics

# CONTENT

## SEMESTER-1

### 1.CORE PAPER

PAPER CODE: LIN/C/1.1

### INTRODUCTION TO LINGUISTICS

#### **Unit-1**

Language & Communication: Animal Communication and Design features of Human Language.

#### **Unit-II**

Language Structure: Concept of Linguistics, Syntagmatic and Paradigmatic relation, Langue and Parole, Form and Substance.

#### **Unit-III**

Language Classification and Language Change: Synchronic and Diachronic Description, Genealogical and Typological Classification, Borrowing and Semantics.

#### **Unit-IV**

Speech Communications and variation: Ethnic and Social Classification, Style, Register, Local Dialects, Gender, Caste, other parameters of Social variation.

#### **Unit-V**

Language and Mind: Acquisition, Left and Right Hemisphere of Brain, Language Disorder.

#### **Reading List:**

- ☞ Aitchison, J. 1995. Linguistics : An Introduction . London :Hodder& Stoughton.
- ☞ Akmajian, A.R. Demers, A. Farmer, & R. Harnish.1990.Linguistics: An Introduction to Language and Communication. MIT Press. (Indian reprint, 1996, Prentice Hall).
- ☞ Ball, M.J. and J. Rahilly. 2000. Phonetics: The Science of Speech. London : Arnold.

- ☞ Caford, J.C. 1988. A Practical Introduction to Phonetics.Oxford : Oxford University Press.
- ☞ Crystal, D. 1971. Linguistics.Harmondsworth : Penguin.
- ☞ Dinneen, F.P. 1967. An Introduction to General Linguistics. New York : Reinhart & Winston.
- ☞ Fromkin,V. (ed.) 2000. Linguistics : An Introduction to Linguistics . Cambridge : Blackwell.
- ☞ Fudge, E.C. (ed.) 1973. Phonology.Harmondsworth : Penguin.
- ☞ Gleason, H.A. Jr. 1955. An Introduction to Descriptive Linguistics. New York : Holt, Rinehart and Winston Inc.
- ☞ Hockett, C.F. 1958. A Course in Modern Linguistics. New York : Macmillan
- ☞ Hudson , G. 2000. Essential Introductory Linguistics.Oxford : Blackwell.
- ☞ Lyons, J. 1981. Language and Linguistics . Cambridge: Cambridge University Press.
- ☞ Radford, A. et al .1999 .Linguistics : An Introduction . UK : Cambridge University Press.
- ☞ Robins, R.H. 1964. General Linguistics: An Introductory Survey. London: Longmans.

## **2.CORE PAPER**

**PAPER CODE: LIN/C/1.2**

### **PHONETICS AND PHONOLOGY – I**

#### **Unit-I**

Articulatory, Acoustic auditory Phonetics, Process of Articulation, Segment types, Suprasegmentals, Elements of Acoustic Phonetics.

#### **Unit-II**

Phonetic and Phonemic Transcription: IPA, Phonetic Feature Systems, Transcribing Suprasegmentals.

#### **Unit-III**

Phone, Allophone, Phoneme, Complementary Distribution, Free variation, Contrast, Minimal Pair, Archiphoneme, Neutralization; Morphophoneme, types of Alternation, Phonemic Problem.

## **Unit-IV**

Generative Phonology, Phonological Rules, Rule Ordering, Generative Phonology Problems.

## **Unit-V**

Phonological Structure of a selected language, Problems

### **Reading List:**

- ☞ Abercrombie, D.1967. Elements of General Phonetics. Edinburgh: EUP
- ☞ Arnold. 1999. Handbook of the International Phonetic Association: A Guide to use of International Phonetic Alphabet. Cambridge University Press
- ☞ Bloomfield, L. 1933. Language. New York: Holt, Reinhart & Winston.
- ☞ Carr, O. 1993. Phonology. NY: Palgrave.
- ☞ Catford, J.C. 1988. Practical Introduction to Phonetics. Oxford: Oxford University Press.
- ☞ Clark, J. &Yallop, C. 1995. An Introduction to Phonetics and Phonology. New York: Harper & Row.
- ☞ Collins, B. and I.M.Mees. 2005. Practical Phonetics & Phonology: A Resource book for students. London: Routledge.
- ☞ Davenport, M. &Hannans, S.J. 1998. Introducing Phonetics and Phonology. London
- ☞ Gleason, B.A.1955.Workbook in Descriptive Linguistics. London: Holt, Rinehart &Winsto
- ☞ Halle, M. 1984. Problem book in Phonology. Massachusetts: M.I.T press.
- ☞ Hockett, C.F.1960. A Course in Modern Linguistics. New York: The Macmillan & Co
- ☞ Hyman, L.M. 1975. Phonology; Theory and Analysis. New York: Holt, Rinehart and Winston
- ☞ Ladefoged, P.1982. A course in Phonetics.
- ☞ Laver, J. 1994. Principles of Phonetics. Cambridge: Cambridge University Press.
- ☞ Roco, I & Johnson, W. 1999. A Course in Phonology. Oxford, UK: Blackwell

### **3.CORE PAPER**

#### **PAPER CODE: LIN/C/1.3**

### **MORPHOLOGY & SYNTAX – I**

#### **Unit-1**

Morph – Allomorph – Morpheme, Complementary distribution & Free variation, types of morph (empty morph, portmanteau morph etc.), Root-stem-base-affix. Inflexion, Derivation, Compounding.

#### **Unit-II**

Morphological models: Items and arrangement, item and process, word and paradigm, morphological construction types (Coordinating and subordinating etc.): Problems.

#### **Unit-III**

Phrase Structure Syntax: Immediate constituent Analysis, Phrase Structure Rules.

#### **Unit-IV**

Types of Syntactic Linkage: Agreement, Government etc., Syntactic Construction (Coordinating and Subordinating) limitations of Structural list Syntax.

#### **Unit-V**

Transformational-generative grammar: Elementary transformation operations, Problems from selected language.

#### **Reading List:**

- ☞ Aronoff, M. and K. Fudeman. 2005. What is Morphology? Blackwell Publishing Ltd.
- ☞ Bloomfield, L. 1935. Language (Revised edn.). George Allen & Unwin Ltd.
- ☞ Culicover, P.W. 1976. Syntax. New York: Academic Press.
- ☞ Radford, A. 1988. Transformational Grammar. Cambridge: CUP.
- ☞ ----- et al. 1999. Linguistics: An Introduction. Cambridge: CUP.
- ☞ Fromkin et al. 2000. Linguistics: An Introduction to Linguistic Theory. Blackwell Publishing.
- ☞ Fromkin, V.A. (ed.) 2000. Linguistics: An Introduction to Linguistics Theory. Cambridge: Massachusetts: Blackwell.

- ☞ Katamba, F. (ed.) 2004. Morphology: Critical Concepts in Linguistics, 6 vols. London and New York: Routledge.
- ☞ \_\_\_\_\_. 1958. A Course in Modern Linguistics. New York: The Macmillan Company.
- ☞ Kroeger, P.R. 2005. Analyzing Grammar: An Introduction. Cambridge University Press.
- ☞ Nida, E.A. 1949. Morphology: The Descriptive Analysis of Words (Second edn.)
- ☞ Lyons, J. 1970. Noam Chomsky. New York: The Viking Press.
- ☞ Tallerman Maggie. 2005. Understanding Syntax. New York: Oxford University Press

#### **4.CORE PAPER**

**PAPER CODE: LIN/C/1.4**

### **SEMANTICS AND LEXICOGRAPHY**

#### **Unit-1**

Dictionary and Lexicon types, Unity of lexical entry: homonymy – polysemy distinction, citation forms; Lemma, Etymology, Problems.

#### **Unit-II**

Synonymy – Antonymy – Hyponymy. Relations of Sense: Sense vs. References, Denotation vs. Connotation, Pejoratives, Hypocoristic and other special items, Problems,

#### **Unit-III**

Basic Symbolic logic, Propositional connectives, Natural Language Argumentations vs. Formal reasoning, Truth Tables, Problems.

#### **Unit-IV**

Transparency: Compositional vs. Idiomatic constructions. Their representations in a Lexicon, Proverbs and other collocations.

#### **Unit-V**

Figures of speech: Metaphor, Metonymy, Synecdoche, Relevance to Lexicography, Semantics and branches, Exercises.



## Reading List:

- ☞ Benson, M. et al. 1986. Lexicographic description of English. John Benjamin publishing company.
- ☞ Cruse, Alan. 2000. Meaning in Language. OUP: New York.
- ☞ Fromkin, V. and Robert Rodman. 1984. An Introduction to Language. Harcourt Brace College Publishers
- ☞ Jackson, H. 1988. Words and their meaning. London and New York, Longman.
- ☞ Landau, S.I. 1984. Dictionaries. The art and craft of lexicography. Cambridge University press. 1989.
- ☞ Leech, Geoffrey N. 1974. Semantics. Pelican Books: England.
- ☞ Lyons, John. 1995. Linguistic Semantics. CUP: Cambridge. Pp.1-149 & 258-290. Saeed, John. 1997. Semantics. Blackwell: Oxford.
- ☞ Hartmann, R.K. (ed). 1983. Lexicography; Principles and Practice. Academic Press, Inc.
- ☞ Singh, R.A. 1982. An Introduction to Lexicography. Mysore. Central Institute of Indian Languages,
- ☞ Zgusta, L. 1971. Manual of Lexicography. The Hague/ Paris: Mouton.

## 5.OPTIONAL PAPER

### PAPER CODE: LIN/O/1.5

## STRUCTURE OF ENGLISH

- a) Phonetics & Phonology : Theory & Practice
- b) Morphology : Theory & Practice
- c) Lexicography : Theory & Practice
- d) Syntax : Theory & Practice
- e) Indian English : Theory & Practice

## Reading List:

- ☞ Givon, T. 1993. English Grammar: A function-Based Introduction. Amsterdam/Philadelphia: JohnBenjamins Publishing Company.
- ☞ Halliday, M.A.K. (Second edition 1989). Spoken and Written Language. Oxford: Oxford University Press.
- ☞ Hudson, Richard. 1998. English Grammar. London and New York: Routledge.

- ☞ Leech, Geoffrey N. 1969. *Towards a Semantic Description of English*. London: Longman.
- ☞ Roberts, Paul. 1964. *English Syntax* (alternate edition). New York: Harcourt, Brace & World, Inc.

## **6. OPTIONAL PAPER**

### **PAPER CODE: LIN/O/1.6**

## **TRANSLATION STUDIES**

### **Unit-1**

Source language, Target language, Goals of translation, Translation and Interpretation, Approaches to translation, Exercise.

### **Unit-II**

Literal Translation vs. 'Free' Translation: Formal and Dynamic, Semantic & Communicative etc. Linguistic & Cultural Aspects, Exercise.

### **Unit-III**

Text types and Appropriate Translation Methods, Religious, legal; Domain specific issues, Exercises.

### **Unit-IV**

Text types and Appropriate Translation Methods, Techno-Scientific: Domain specific issues, Exercises.

### **Unit-V**

Text types and Appropriate Translation Methods, Literary: Domain specific issues, Exercise.

### **Reading List:**

- ☞ Basnett-McGuire, S. & A. Lefevere. (eds.). 1990. *Translation History and Culture*. London : Punter.
- ☞ Basnett-McGuire, S. 1991. *Translation Studies*. London : Routledge.
- ☞ Bigunet J. & S. Rainer (eds.). 1989. *The Craft of Translation*. Chicago: University of Chicago Press.
- ☞ Brislin, W. R. (ed.). 1987. *Translation – Applications and Research*. New York: Gardner Press Inc.

- ☞ Catford, J. C. 1974. *A Linguistic Theory of Translation*. London: Oxford University Press.
- ☞ Cohen, J. M. 1962. *English Translators and Translations*. London: Longman, Green & Co.
- ☞ Dollerup, C. H. Gottlieb & V. H. Pederson. (eds.). 1994. *Perspectives: Studies in Translatology 1994*: University of Copenhagen: Museum Tusulanum Press.
- ☞ Forster, L. 1958. *Aspects of Translation*. London: Oxford University Press.
- ☞ Frawley, W. 1984. *Translation: Literary, Linguistic and Philosophical Perspectives*. London: Associated University Press.
- ☞ Gentzler, Edwin. 2010. (Revised 2nd Edition). *Contemporary Translation Theories*. New Delhi: Viva Books.
- ☞ Holmes, J.S. 1975. *The Name and Nature of Translation Studies*. Amsterdam : University of Amsterdam Press.
- ☞ Holmes, J., Lambert & A. Lefevere. (ed.). 1978. *Literature and Translation*. Acco: Louvain.
- ☞ Karunakaran, K. & M. Jayakumar. (ed.). 1988. *Translation as Synthesis: A Search for a New Gestalt*. New Delhi: Bahri Publications Pvt. Ltd.:
- ☞ Kelly, L. G. 1979. *The True Interpreter: A History of Translation Theory and Practice in the West*. Oxford: Blackwell.
- ☞ Kiraly, D.C. 1995. *Pathways to Translation : Pedagogy and Process*. Kent : Kent State University Press.
- ☞ Lawrence, V. (ed.). 2000. *The Translation Studies Reader*. London: Routledge.
- ☞ Lefevere, A. 1975. *Translating Poetry, Seven Strategies and a Blue Print*. Amsterdam: Van Gorcum.
- ☞ Lefevere, Andre. 1992. *Translation, Rewriting and the Manipulation of Literary Fame* London, New York :Routledge.
- ☞ Lorsch, W. 1991. *Translation Performance, Translation Process and Translation Strategies : A Psycholinguistic Explanation* . Tübingen : Gunter NarrVerlag.
- ☞ Moore, N. C. & L. Lower. (ed.). 1992. *Translation East and West: A Cross Cultural Approach. Selected Conference papers Vol. 5*. College of Languages, Linguistics and Literature. Honolulu: University of Hawaii.

- ☞ Mukherjee, S. 1981. *Translations as Discovery and other Essays*. New Delhi: Allied Publishers Pvt. Ltd.
- ☞ Nair, RukminiBhaiya (ed.) . 2002. *Translation, Text and Theory : The Paradigm of India*. . New Delhi , Thousand Oaks, London : Sage Publications.
- ☞ Newmark, P. 1981. *Approaches to Translation*. London: Pergamon Press.
- ☞ ----- . 1988. *A Textbook of Translation*. London: Prentice Hall.
- ☞ Newmark, P. 1991. *About Translation*. Clevedon: Multilingual Matters Ltd.
- ☞ Nida, E 1964. *Towards a Science of Translation*.  
Leiden: E. J. Brill. Nida, E. & C. Taber. 1969. *The Theory and Practice of Translation*.  
Leiden: E. J. Brill. Nida, E. 1975. *Language Structure and Translation*.  
Stanford: Stanford University Press.
- ☞ Niranjana, Tejaswini. 1992. *Siting Translation : History, Poststructuralism and the Colonial Context* . Berkeley : University of California Press.
- ☞ Pym, Anthony. 2010. *Exploring Translation Theories*. London & New York: Routledge.
- ☞ Richards, I. A. (ed.). 1959. *On Translation*. Cambridge, Harvard University Press. Savory, T. 1957. *The Art of Translation*. London: Cape.
- ☞ Sallis, J. 2002. *On Translation*. Bloomington: Indiana University Press.
- ☞ Snell-Hornby, M. 1988. *Translation Studies: An Integrated Approach*. Amsterdam: John Benjamin.
- ☞ Snell- Hornby, M. , Franz Pochhacker , Hans Kaindli (edts.) . 1992. *Translation : An Interdiscipline*. Amsterdam : John Benjamins. Steiner, G. 1975. *After Babel: Aspects of Language and Translation*. London: Oxford University Press.
- ☞ Toury, G. (ed.). 1987. *Translation Across Cultures*. New Delhi: Bahri Publications
- ☞ Toury, G. 1995 . *Descriptive Translation Studies and Beyond*..Amsterdam : John Benjamins.

## **7. OPTIONAL PAPER**

### **PAPER CODE: LIN/O/1.7**

#### **STRUCTURE OF BENGALI**

- a) Phonetics & Phonology : Theory & Practice
- b) Morphology : Theory & Practice
- c) Lexicography : Theory & Practice
- d) Syntax : Theory & Practice
- e) Transcription, Transliteration of Different Bangla Text.

#### **Reading List:**

- ☞ Chatterji, S.K. 2002. The Origin and Development of The Bengali Language. Kolkata. Rupa (Reprint).
- ☞ Majumder, P.C. 1992. Bangla Bhasha Parikrama Vol I. Calcutta: Deys Publishing.
- ☞ Majumder, P.C. 1993. Bangla Bhasha Parikrama. Vol-II. Calcutta: Deys Publishing.
- ☞ Sen, S. 2015. Bhashar Itibritto. Kolkata. Ananda Publishers.

### **SEMESTER-II**

#### **1. CORE PAPER**

##### **PAPER CODE: LIN/C/2.1**

#### **HISTORICAL LINGUISTICS & TYPOLOGY**

##### **Unit-1**

Genetic and Typological Classification: Isolating, Agglutinative, Inflectional, Polysynthetic types; The Greenberg Index; Phonological typology.

##### **Unit-II**

Types of Linguistic Change: Sound Change; Analogical Change; Semantic Change; Borrowing: Language relatedness: Families, Subgrouping; Proto-Languages.

##### **Unit-III**

Sound Change: Merger, Primary Split, Secondary Split etc. The Comparative method and internal reconstruction. Exercises.

#### **Unit-IV**

Semantic Change: Expansion, Contraction etc. Borrowing: Lexical borrowing, Loan translation, Phonological Borrowing. Exercises

#### **Unit-V**

Elements of Indo-European linguistics.

#### **Reading List:**

- ☞ Comrie, B. 1981. Language and Linguistic Typology. Oxford: Basil Blackwell.
- ☞ Corft, William. 1990. Typology and Universals. Cambridge: CUP.
- ☞ Cardona, George, Jain Dhanesh. 2007. The Indo Aryan Languages. London: Routledge.
- ☞ Dil Anwar, S. (ed.) 1980. Language and Linguistics area. Essays by M.B. Emeneau. Stanford University Press.
- ☞ Greenberg, Joseph H. 1963. Universals of Language. Cambridge: CUP.
- ☞ Krishnamurti. Bh. 2003. The Dravidian Languages. Cambridge: CUP.
- ☞ Masica Colin. 1976. On Defining a Linguistic area: South Asia. Chicago University Press.
- ☞ Zograf, C.A. 1982. Languages of South Asia: a guide. London: Routledge and Kegan Paul.

## **2.CORE PAPER**

**PAPER CODE: LIN/C/2.2**

### **PHONETICS AND PHONOLOGY – II**

#### **Unit-1**

Applied Phonetics: Forensic Phonetics, Experimental Phonetics, Functional Phonetics; Relevance of Packages (Praat etc.) and Practice.

#### **Unit-II**

Lexical Phonology, Natural Phonology, Natural Generative Phonology.

### **Unit-III**

Metrical Phonology, Auto- Segmental Phonology.

### **Unit-IV**

Phonology-Morphology Interface: Theoretical issues and case studies. Problems.

### **Unit-V**

Phonology of a selected language: Survey of recent publication.

### **Reading List:**

- ☞ Ball, M. 1996. Phonetics for speech Pathology. London, Whurr Publications.
- ☞ Catford, J.C. 1977. Fundamental Problems in Phonetics. Edinburgh Univ Press.
- ☞ Gussmann, E. 2002. Phonology: Analysis and Theory. Cambridge, UK: CUP.
- ☞ Ladefoged, P. 2005. Vowels and Consonants. II Ed. Oxford, UK: Blackwell.
- ☞ Lass, R. 1984. Phonology: An Introduction to basic concepts. London: Cambridge University Press.
- ☞ Odden, D. 2005. Introducing Phonology. CUP.

## **3.CORE PAPER**

**PAPER CODE: LIN/C/2.3**

### **MORPHOLOGY – II**

#### **Unit-I**

Lexical Morphology-Application to specific languages available in the classroom.

#### **Unit-II**

Word Formation and Lexical Integrity approaches. Retaining the morpheme concept pros and cons.

#### **Unit-III**

Distributed Morphology – Application to specific languages available in the classroom.

#### **Unit-IV**

Morphology-Syntax interface: Specific issues with reference to selected theoretical approaches.

### **Unit-V**

Morphological problems for selected languages.

### **Reading List:**

- ☞ Anderson, S.R. 1992 - A-morphous Morphology. Cambridge, MA: MIT.
- ☞ Aronoff, M. 1976 - Word Formation in Generative Grammar. Cambridge, MA: MIT.
- ☞ Discuilo, A.M and William E. 1987. On the definition of Word. Cambridge, Mass: MIT Press.
- ☞ Katamba F and JohgnStonham. 2006. Morphology. London. Palgrave.
- ☞ Katamba, F. 1993 - Morphology. London: Macmillan.
- ☞ Mathews. P.H 1972 .Inflectional Morphology. Cambridge .Cambridge University Press.
- ☞ Mel'cuk. Igor A. 2006. Aspects of the Theory of Morphology: Cambridge. Cambridge University Press.
- ☞ Spencer, A. 1991. Morphological Theory. Oxford. Basil Blackwell.

## **4.CORE PAPER**

**PAPER CODE: LIN/C/2.4**

### **SYNTAX – II**

#### **Unit-I**

The transformational cycle: Major Classical Transformations: Passive, Particle movement, There-Insertion, Wh-movements, Raising-to-object, Raising-to-subject, Tough-movement, Equi-NP Deletion controlled by subject/object.

#### **Unit-II**

Recoverability of Deletion: Imperative Deletions, Complement object Deletion, Relative Deletion: optional in finite clause, obligatory (up to recoverability, in infinitivals).



### **Unit-III**

Treatment of reflexives, reciprocals and other pronouns under classical transformational and interpretive approaches Crossing co-reference sentences.

### **Unit-IV**

Clefts, Pseudo-clefts, Topicalization, Left dislocation, Right dislocation, Root-transformations Extraposition.

### **Unit-V**

Island Constituents, Structure preservation Architecture of Standard theory.

### **Reading List:**

- ☞ Carnie, Andrew. 2002. *Syntax: A Generative Introduction*. Oxford: Blackwell Publishers.
- ☞ Carnie, Andrew. 2008. *Constituent Structure*. New York: Oxford University Press.
- ☞ Carnie, Andrew. 2011. *Modern Syntax: A Coursebook*. New York: Cambridge University Press.
- ☞ Chomsky, Noam. 1957. *Syntactic Structures*. The Hague: Mouton de Gruyter.
- ☞ Chomsky, Noam. 1965. *Aspects of The Theory of Syntax*. Cambridge, MA: MIT Press.
- ☞ Fromkin, Victoria, Robert Rodman & Nina Hyams. 2003. *An Introduction to Language*. USA: Thomson Wadsworth.

## **5. OPTIONAL PAPER**

**PAPER CODE: LIN/O/2.5**

### **LANGUAGE FAMILIES OF INDIA AND COMPARATIVE INDO-ARYANS**

#### **Unit-I**

Indo-Aryan, Dravidian: Subgrouping, territories and major characteristics.

#### **Unit-II**

Austro-Asiatic, Tibeto-Burman, Andamanese, Burushaski and other isolates: Subgrouping, territories and major characteristics.

### **Unit-III**

The inner circle/outer circle debate. Periodization: OIA, MIA, NIA. Characteristics of selected OIA and MIA varieties.

### **Unit-IV**

NIA, broad survey: Subgrouping, territories and major characteristics.

### **Unit-V**

Detailed study of one selected NIA language on a diachronic basis

### **Reading List:**

- ☞ Aitchison, J. 1981. *Language Change : Progress or Decay*. London : Fontana and Croon Helm.
- ☞ Anderson J.M. and Jones, C. 1974. *Historical Linguistics .Vols.I & II*. Amsterdam : North-Holland Publishing Company.
- ☞ Anttila, R. 1989 . [1972]. *Historical and Comparative Linguistics* Amsterdam :Benjamins , (2nd edition).
- ☞ Arlotto, Anthony. 1972. *Introduction to Historical Linguistics* .Boston : Houghton-Mifflin.
- ☞ Bhat, D.N.S. 1972. *Sound Change*.Pune :BhashaPrakashan C/o Deccan College, Poona –6.
- ☞ Bynon, T. 1977. *Historical Linguistics*.Cambridge : Cambridge University Press.
- ☞ Cardona, George, Jain Dhanesh. 2007. *The Indo Aryan Languages*. London: Routledge.
- ☞ Comrie, B. 1981.*Language and Linguistic Typology*. Oxford: Basil Blackwell.
- ☞ Corft, William. 1990. *Typology and Universals*. Cambridge: CUP.
- ☞ Campbell, L. 1998. *Historical Linguistics*.Edinburgh : Edinburgh University Press.
- ☞ Chambers, J.K., Trudgill, P. and Schilling-Estes, N. (Ed.) .2002.*The Handbook of Language Variation and Change*.Oxford : Blackwell Publishers Ltd.
- ☞ Crowley, T. 1997. *An Introduction to Historical Linguistics*.Oxford : Oxford University Press. (3rd edn.).

- ☞ Dil Anwar, S. (ed.) 1980. Language and Linguistics area. Essays by M.B. Emeneau. Stanford University Press.
- ☞ Greenberg, Joseph H. 1963. Universals of Language. Cambridge: CUP.
- ☞ Harris, A.C. and Campbell, L. 1995. Historical Syntax in Cross-Linguistic Perspective. Cambridge : Cambridge University Press.
- ☞ Hock, H. H. 1986. Principles of Historical Linguistics. Berlin, New York, Amsterdam : Mouton, de Gruyter.
- ☞ Hoenigswald H.M. 1960. Language Change and Linguistics Reconstruction .Chicago : University of Chicago Press.
- ☞ Jeffers, R.J. and Lehiste, I. 1979. Principles and Methods of Historical Linguistics Massachusetts: The MIT Press.
- ☞ Labov, William. 1994. Principles of Linguistic Change : Internal Factors. Cambridge : Cambridge University Press.
- ☞ Labov, William. 2001. Principles of Linguistic Change. Vols. I & II . Malden, Massachusetts : Blackwell.
- ☞ Lass, Roger. 1997. Historical Linguistics and Language Change .Cambridge : Cambridge University Press.
- ☞ Lehmann, W.P. 1973. Historical Linguistics : An Introduction. New York : Holt, Rinehart and Winston, Inc. (2nd Edition).
- ☞ Lyons j. 1995. Linguistic Semantics: An Introduction. Cambridge. Cambridge University Press.
- ☞ Lyons J. 1995. Semantics. Cambridge. Cambridge University Press.
- ☞ Krishnamurti. Bh. 2003. The Dravidian Languages. Cambridge: CUP
- ☞ Masica Colin. 1976. On Defining a Linguistic area: South Asia. Chicago University Press.
- ☞ McMahon, A. 1994. Understanding Language Change .Cambridge : Cambridge University Press.
- ☞ Newmeyer, F. J. (ed.) 1988. Linguistics : The Cambridge Survey. Vol. I Cambridge : Cambridge University Press.
- ☞ Stockwell, R.P. and R.K. Macaulay. (ed). 1972, Linguistic Change and Generative Theory. Bloomington: Indiana University Press.
- ☞ Trask, R.L. 1996. Historical Linguistics .London : Arnold.
- ☞ Traugott, E.C. and R.B. Dasher . 2002. Regularity in Semantic Change. Cambridge Cambridge University Press.

☞ Zograf, C.A. 1982. Languages of South Asia: a guide. London: Routledge and Kegan Paul.

## **6. OPTIONAL PAPER**

### **PAPER CODE: LIN/O/2.6**

## **SEMANTICS-II**

### **Unit-I**

Sentence, Utterance, Proposition, Logical relations between propositions, Paraphrase, Contradiction, Implication, Entailment, Presupposition.

### **Unit-II**

Vagueness, Ambiguity, Indeterminacy, Sources of ambiguity.

### **Unit-III**

Componential Analysis of meaning. Semantic fields. Markedness.

### **Unit-IV**

Predicate calculus, Predicates, Arguments, Free and bound variables, Quantifiers, Operators, Restriction, Scope.

### **Unit-V**

Semantics-Pragmatics interface. The logic of conversation, Conversational implicature.

### **Reading List:**

- ☞ Kempson, Ruth M. 1977. Semantic Theory. CUP: Cambridge.
- ☞ Leech, Geoffrey N. 1974. Semantics. Pelican Books: England.
- ☞ Lyons, John. 1995. Linguistic Semantics. Cambridge. CUP.
- ☞ Saeed, John. 1997. Semantics. Blackwell: Oxford.

**7. OPTIONAL PAPER**  
**PAPER CODE: LIN/O/2.7**

**COMPUTATIONAL LINGUISTICS**

**Unit-1**

Fundamentals of Computer (Hardware and Software), Computer Generation, Interpreter and Compiler, Programming Languages, Database and Database types.

**Unit-II**

Language Technology and Natural Language Processing , History of Computational Linguistics , Computational Linguistics and its relation to Mathematics, Psychology, Sociology and Artificial intelligence etc.

**Unit-III**

Morphological Process, Word and sentence Tokenisation, Spelling Correction. N Gram Language Modelling Toolkit, Modern methods: POS-tagging, Bigram and Trigram HMM, Hidden Markov Model (HMM).

**Unit-IV**

Phonetics introduction to Articulatory and Acoustic Phonetics for Speech Processing, Foundational tools APRABET, wave file formats, Phonetic Dictionary and PRAAT, Speech Synthesis, Automatic Speech recognition, HMM based Speech recognition. Advanced topics - Decision tree, Clustering for context, Dependent phones and Human Speech recognition. Computational Phonology: Phonological and Morphological Learning, Other Models.

**Unit-V**

Spell-Checker; Morphological (Recognizer, Analyser and Generator); POS Tagger; Word Processor; ASR, DSP, HMM speech recognition, Parse and KIMMO Parser, OCR; Text to Speech and Speech to Text; Data Driven Program, Computer Aided Language Teaching.

## Reading List:

- ☞ Allen, James. 1995. Natural Language Understanding. Benjamin.
- ☞ Antworth, E.L. PC-KIMMO: A Two-level Processor for Morphological analyser.
- ☞ Basu A. and U.N.Singh. 2005. Simple '05, Proceedings of Second Symposium on Indian, Morphology, Phonology & Language Engineering; Central Institute of Indian Languages, Mysore, India.
- ☞ Bird, S. 1995. Computational Phonology: A Constraint – based approach; Cambridge University Press.
- ☞ Chaitanya, V. ; R. Sangal and Akshar Bharti. 1995. Natural Language Processing: A Paninian Perspective. New Dehli: Prentice Hall of India.
- ☞ Charniak, E. 1993. Statistical Language Learning. MIT Press.
- ☞ Chen, F. Jokinen, K. 2010. Speech Technology: Theory and Practice. Springer.
- ☞ David G. Hays 1967. Introduction to Computational Linguistics. American Elsevier Publishing Company, Inc. New York
- ☞ Garvin, P.L. 1963. Natural Language and the Computer. McGraw: Hill Book Company Inc.
- ☞ Grzybek, P. 2006. Contribution to the Science of Text and Language: Word Length Studies and Related Issues. Springer.
- ☞ Jurafsky, D. and J. Martin. 2008. 2nd Edition, Speech and Language Processing. Prentice Hall.
- ☞ Manning, C. and S. Heinrich. 1999. Foundation of Statistical Natural language Processing. MIT Press.
- ☞ Mitkov and Nicolov. 1997. Recent Advances in Natural Language Processing; John Benjamins Publishing Company, Amsterdam.
- ☞ Noble, H.M. 1988. Natural Language Processing. Oxford: Blackwell Scientific Publications.
- ☞ Rajaraman. 2003. Fundamentals of Computers. Prentice Hall, India Pvt.
- ☞ Rajapurohit, B.B. 1994. Technology and Languages. Central Institute of Indian Languages, Manasgangotri, Mysore.

- ☞ Ram.B.2000.Computer Fundamentals Architecture and Organisation.New age International Publication.
- ☞ Sangal Rajeev and others.(ICON - 2003).Recent Advances in Natural Language Processing.
- ☞ Sprot, R.1992. Morphology and Computation. Cambridge: MIT Press.

## **SEMESTER-III**

### **1.CORE PAPER**

**PAPER CODE: LIN/C/3.1**

### **SOCIOLINGUISTICS AND PRAGMATICS**

#### **Unit-I**

Language, society, communication: Competence and performance; linguistic competence vs communicative competence: ethnography of speaking.

#### **Unit-II**

Languages in contact. Bilingualism, multilingualism. Code switching, code mixing, mixed codes. Diglossia: Ferguson's and Fishman's approaches. Language and education: restricted code, elaborate code.

#### **Unit-III**

Language varieties: dialect, style, register; formal, informal; language and socio-economic status; language and gender – interface with pragmatics.

#### **Unit-IV**

Speech acts: illocutionary and perlocutionary. Principles of conversational cooperation.Conversational implicature.

#### **Unit-V**

Pragmatics of politeness. Problems from selected Indian languages.

## **Reading list:**

- ☞ Annamalai, E. 2001. Managing Multilingualism in India. New Delhi: Sage Publications. Pp. 190-225.
- ☞ Bar-Hillel, Y. (ed.) 1971. Pragmatics of Natural Languages. Dordrecht: Reidel.
- ☞ Bloomfield, Leonard. 1933. Language. New York: Holt & Co. Chapter on dialectology.
- ☞ Cole, P. (ed.) 1978. Syntax & Semantics : Pragmatics. N. York: Academic Press.
- ☞ Davis, S.(ed.) 1991. Pragmatics: a reader, Oxford: Oxford Univ. Press.
- ☞ Fasold, Ralph. 1984. Sociolinguistics of Society: Oxford: Basil Blackwell.
- ☞ ----- . 1986. Sociolinguistics of Language. Oxford: Basil Blackwell.
- ☞ Giglioli, Pier Paolo. (ed.) 1972. Language and Social Context. Penguin Books.
- ☞ Habermas, J. 1979. Communication and the evolution of Society. Boston: Beacon Press.
- ☞ Lavinson, S.C. 1983. Pragmatics: Cambridge Univ. Press.
- ☞ Mesthrie, Rajend., Joan Swann, Andrea Deumert and William M. Leap. 2000. Introducing Sociolinguistics. Edinburgh University Press.
- ☞ Wardaugh, R. 1986. An Introduction to Sociolinguistics. Oxford: Basil Blackwell.
- ☞ Williams, Glyn. 1992. Sociolinguistics: a Sociological Critique. Routledge: London and New York.
- ☞ Verschueren, J. 1999. Understanding Pragmatics, London.

## **2.CORE PAPER**

**PAPER CODE: LIN/C/3.2**

## **PSYCHOLINGUISTICS AND NEUROLINGUISTICS- I**

### **Unit-I**



Language as a human instinct. Core properties of language; their acquisition. Language, brain, mind: species-specific character of language. Evolution of language.

### **Unit-II**

Brain, language, localization. Language and speech centres. Cerebral dominance and lateralization; evolution of lateralization. Localization vs distributed function. Approaches and models: connectionism, global model.

### **Unit-III**

Acquisition of language: innateness hypothesis. Child language development: linguistic and cognitive milestones.

### **Unit-IV**

Delayed onset of speech and language; critical period hypothesis; learning disorders: Dyslexia, Specific Language Impairment. Sign language: acquisition issues.

### **Unit-V**

Language impairment: types of aphasia. Disorders of communication: developmental vs acquired; neural vs cognitive; organic vs functional. Disorders of production vs reception. Hearing impairment and sign language.

### **Reading list:**

- ☞ Ahsen. E. 2006. Introduction to Neurolinguistics. John Benjamin.
- ☞ Caplan, D. 1987. Neurolinguistics & Linguistic Aphasiology: An Introduction. Cambridge Studies in Speech Science & Communication. Cambridge & New York; CUP.
- ☞ Carroll, David W. 1994. Psychology of Language. California: Book.
- ☞ Chomsky. N, 1968. Language and Mind. New York. Hartcourt, Brace and Jovanovich.
- ☞ Chomsky. N, 1968. Language and Mind. Cambridge University Press.
- ☞ Clark, Herbert H and Eve V Clark 1977. Psychology of Language.
- ☞ Dabrowska Ewa 2004 Language Brain mind. Edinburgh University Press. Edinburgh.
- ☞ Gaskell G et al 2007 The Oxford Handbook of Psycholinguistics, Oxford University Press, London.

- ☞ Ingram J.C L. 2007. *Neurolinguistics: An introduction to Spoken Language Processing and its Disorders*.
- ☞ Kess, Joseph F. 1979 . *The conceptual basis of Language* .Hilsdale.N.J Lawrence Erlbaum Associates.
- ☞ Theodore, S. 1979. *Clinical Psycholinguistics*. New york: Plenum Press.

### **3. COURSE PAPER**

#### **PAPER CODE: LIN/C/3.3**

### **Syntax III**

#### **Unit-1**

Movement typology (Move NP, Move Wh) and full generalization (Move Alpha): motivating transition from EST to P&P. NP typology and Empty Categories. Exercises.

#### **Unit-II**

Architecture of P&P model: subtheories and principles; levels of representation (the Y-diagram); the projection principle; theta theory; Case theory; government. Exercises.

#### **Unit-III**

The notion of governing category; exceptional government; binding principles; subjacency (parameters concerning choice of bounding nodes); proper government module. Exercises.

#### **Unit-IV**

Strong and weak crossover phenomena; A-positions, A-bar-positions and scrambling; theory of control; parasitic gap phenomena. Exercises.

#### **Unit-V**

P&P analysis of selected phenomena from Indian languages.

#### **Reading list:**

- ☞ Adger, David. 2003. *Core Syntax: A Minimalist Approach*. New York: Oxford University Press.

- ☞ Carnie, Andrew. 2002. *Syntax: A Generative Introduction*. Oxford: Blackwell Publishers.
- ☞ Carnie, Andrew. 2008. *Constituent Structure*. New York: Oxford University Press.
- ☞ Chomsky, Noam. 1977. *Essays on Form and Interpretations*. Amsterdam: Elsevier NorthHolland.
- ☞ Chomsky, Noam. 1981. *Lectures on Government and Binding*. Dordrecht: Foris.
- ☞ Chomsky, Noam. 1986a. *Barriers*. Cambridge: The MIT Press. Chomsky, Noam. 1986b. *Knowledge of Language: Its Nature, Origins and Use*. New York: Praeger.
- ☞ Chomsky, Noam. 1995. *The Minimalist Program*. Cambridge: The MIT Press.
- ☞ Haegeman, Lilian. 1994. *Introduction to Government & Binding*. Oxford: Blackwell Publishing. (2nd edition).
- ☞ Hornstein, Norbert, Jairo Nunes & Kees Grohmann. 2005. *Understanding Minimalism*. New York: Cambridge University Press.
- ☞ Roberts, Ian. 1997. *Comparative Syntax*. London: Arnold, Hodder Headline Group.
- ☞ Webelhuth, G. 1995. *Government & Binding Theory and Minimalist Program*. Oxford: Blackwell.

#### **4. CORE PAPER**

#### **PAPER CODE: LIN/C/3.4**

### **STYLISTICS AND THE INDIAN GRAMMATICAL TRADITION**

#### **Unit-I**

Genres and other criteria for text classification. Classical concepts and tools of textual analysis (including figures of speech) from western rhetoric and Indian alamkara-shastra.

#### **Unit-II**

Literary stylistics: deviation; foregrounding; parallelism; contrast. Russian formalism. Prague School literary theory.

### **Unit-III**

The Paninian tradition. The centrality of the kaaraka concept: kartr, karman, karana, sampradaana, apaadaanaa, adhikarana. Praatipadika, dhaatu, pratyaya. Within the pratyaya category, sup and ting vibhaktis.

### **Unit-IV**

Paninian phonetics and phonology. Pratyahaaras; anubandhas; the notation of the sutras. Types of sandhi. Nasal and sibilant retroflexion.

### **Unit-V**

Types of compound: prominence of first member or second member. Krt and taddhita derivatives. Special formations (desideratives etc.).

### **Reading list:**

- ☞ Austin, Timothy, R. 1984. *Language Crafted: A Linguistic Theory of Poetic Syntax*. Bloomington: Indiana University Press.
- ☞ Birch, David . 1989. *Language, Literature and Critical Practice: Ways of Analysing Texts*. London & New York: Routledge.
- ☞ Bradford, Richard. 1997. *Stylistics* . London and New York: Routledge.
- ☞ Burke, Michael. 2010. *Literary Reading, Cognition and Emotion: An Exploration of the Oceanic Mind*. London and New York: Routledge.
- ☞ Cardona, George. 1976. *Panini: A Survey of Research*. The Hague/ Paris: Mouton.
- ☞ Carter, Ronald (ed.) 1982. *Language and Literature*. London: Allen and Unwin.
- ☞ Chatman, S. (ed.) 1967. *Literary Style: A Symposium*. London and New York: Oxford University Press.
- ☞ Ching, M.; Haley, M.; Lungsford, R. 1980. *Linguistic Perspectives on Literature*. London: Routledge and Kegan Paul.
- ☞ Cummings, M.; Simmons, R. 1983. *The Language of Literature: A Stylistic Introduction to the Study of Literature*. London: Pergamon.
- ☞ Dancigier, Barbara. 2012. *The Language of Stories: A Cognitive Approach*. Cambridge: Cambridge University Press.

- ☞ Fowler, Roger. 1996. *Linguistic Criticism*, 2nd edition. Oxford: Oxford University Press.
- ☞ Genette, Gerard. 1982. *Figures of Literary Discourse*. Trans. Alan Sheridan. Oxford : Basil Blackwell.
- ☞ Halliday, M.A.K. 1978. *Language as Social Semiotic: The Social Interpretation of Language and Meaning*. London: Edward Arnold.
- ☞ Haynes, J. 1989. *Introducing Stylistics*. London: Unwin Hyman.
- ☞ Katre, SumitraMangesh (tr). 1989. *Astadyayi of Panini*. Delhi: MotilalBanarsidass.
- ☞ Leech, Geoffrey. 1969. *A Linguistic Guide to English Poetry*. London: Longman.
- ☞ Leech, Geoffrey; Short, Michael H. 1981. *Style in Fiction: A Linguistic Introduction to English Fictional Prose*. London: Longman.
- ☞ Livingston, P. 1991. *Literature and Rationality*. Cambridge: Cambridge University Press.
- ☞ Lodge, David. 1966. *Language of Fiction : Essays in Criticism and Verbal Analysis of the English Novel*. London: Routledge.
- ☞ Merrell, Floyd. 1985. *A Semiotic Theory of Texts*. New York: Mouton de Gruyter.
- ☞ Page, Norman. 1973. *Speech in the English Novel*. London: Longman.
- ☞ Park, Clara Clairborne. 1991. *Rejoining the Common Reader, Essays 1962-1990*. Evanston, Illinois : North-Western University Press.
- ☞ Pilkington, Adrian. 1991. 'Poetic Effects', *Literary Pragmatics*, ed. Roger Sell , London: Routledge.
- ☞ Sebeok, Thomas A. 1960. *Style in Language* . Cambridge, MA: MIT Press.
- ☞ Tejera, Victorino. 1995. *Literature, Criticism, and the Theory of Signs*. Amsterdam: John Benjamins Publishing Company.
- ☞ Toolan, Michael. 1998. *Language in Literature: An Introduction to Stylistics*. London: Hodder Arnold.
- ☞ Turner, G. W. 1973. *Stylistics*. Middlesex, England: Penguin.
- ☞ Vasu, Srisa Chandra (tr). 1997. *The Ashtadyayi of Panini*. Delhi: MotilalBanarsidass.
- ☞ Weber, Jean-Jacques (ed.) 1996. *The Stylistics Reader: From Roman Jakobson to the Present*. London: Arnold Hodder.

- ☞ Wetherill, P.M. 1974. Literary Text: An Examination of Critical Methods. Oxford: Basil Blackwell.
- ☞ Widdowson, H.G. 1992. Practical Stylistics. Oxford: Oxford University Press.
- ☞ Williams, Joseph. 2007. Style: Lessons in Clarity and Grace, 9th edition. New York: Pearson Longman.

## **5. OPTIONAL PAPER**

### **PAPER CODE: LIN/O/3.5**

## **ENDANGERED LANGUAGES**

### **Unit-I**

Language Endangerment: Language vitality and endangerment; language vitality assessment; EGIDS, endangerment situation etc. Relationship between language endangerment and society. The role of the speech community. Language Attitudes and State Policy. Assessing language endangerment and urgency of documentation.

### **Unit-II**

Revitalization: nature and necessity. Role of linguists. Relevance of education policy. Language policy and planning. Factors promoting and inhibiting language revitalization.

### **Unit-III**

Language Attitudes: attitude of community towards its own language; attitude of other communities. Need for community participation in revitalization.

### **Unit-IV**

Curriculum Development: defining target population; motivation; objectives. Material Development. Script Development.

### **Unit-V**

Assessment of success in revitalization. Capacity Building in the context of promoting awareness of Endangered Language Communities. Analyzing Census Reports.

## **Reading list:**

- ☞ Austin, Peter K. (ed.) 2007. Language Documentation and Description, Vol. 1-11. London: SOAS, University of London.
- ☞ Hinton, Leanne; Hale, Ken.ed. 2001. The Green Book of Language Revitalization in Practice. San Diego: Academic Press.

## **6.OPTIONAL PAPER**

### **PAPER CODE: LIN/O/3.6**

## **COMPUTATIONAL LINGUISTICS -II**

### **Unit-1**

Syntax: Grammar of Languages, Context Free Grammar, Head and Head Finding Rules, Dependency Grammar, Categorical Grammar; Grammars for Spoken Language processing, Syntactic parsing with CFG, partial parsing, Machine learning based base. Phrase Chunking, Statistical parsing, Features and Unification, Language and Complexity.

### **Unit-II**

Representation of Meaning: Rule to Rule Approaches Based on Lambda Expressions, Lexical Semantics, Sense Relation, Semantic Roles, Wordnet, Framnet, Word Sense Disambiguation, Computing Relation between words, Semantic Role Labelling, Computing with word meaning.

### **Unit-III**

Application: Information Extraction: Entity Recognition, Relation Detection, Temporal Expression Analysis, Template Feeling, Finite State Method.

### **Unit-IV**

Application: Question and Answering and Summarization, Information Retrieval.

### **Unit-V**

Application: Machine Translation: Machine aided Human Translation, Human aided Machine Translation, and Automatic Machine Translation. Corpus based and Rule based Machine Translation. Methods: Direct, Transfer, Interlingua. Particular Machine Translation Systems: Tomato, Systran, Anusaraka and Mantra.

## Reading list:

- ☞ Baayen, R.H. 2008. *Analysing Linguistic Data: A Practical Introduction to Statistics using R*. Cambridge: Cambridge University Press.
- ☞ Bird, S.; Klien, E.; Loper, E. 2009. *Natural Language Processing with Python*. O'Reilly Media.
- ☞ Bolshakov, I.A.; Gelbukh, A. 2004. *Computational Linguistics: Models, Resources, Applications*. Ciencia De La Computacion.
- ☞ Chaitanya, V.; Sangal, R. and Akshar Bharati. 1995. *Natural Language Processing: A Paninian Perspective*. New Delhi: Prentice Hall of India.
- ☞ Eijck J.V.; Unger, C. 2010. *Computational Semantics with Functional Programming*. Cambridge: Cambridge University Press.
- ☞ Fellbaum, C. 1998. *WordNet: An Electronic Lexical Database*. Cambridge, MA: MIT Press.
- ☞ Garside, R.; Leech, G.N.; McEnery, T. (eds.) 1997. *Corpus Annotation: Linguistic Information from Computer Text Corpora*. London: Longman.
- ☞ Gries, S.T. 2009. *Quantitative Corpus Linguistics with R.: A Practical Introduction*. New York: Routledge.
- ☞ Grishman, R. 1986. *Computational Linguistics: An Introduction*. Cambridge: Cambridge University Press.
- ☞ Hausser, R.R. 2012. *Foundations of Computational Linguistics: Human – Computer Communication in Natural Language*. Berlin: Springer.
- ☞ Hutchins, W.J.; Somers, H.L. 1992. *An Introduction to Machine Translation*. New York: Academic Press.
- ☞ Koehn, P. 2008. *Statistical Machine Translation*. Cambridge: Cambridge University Press.
- ☞ Indurkha, N.; Damerau, F.J. 2010. *Handbook of Natural Language Processing*. Boca Raton, FL: CRC Press.
- ☞ Iwanska, L.M. and S.C. Shapiro (ed.) 2000. *Natural Language Processing and Knowledge Representation: Language for Knowledge and Knowledge for Language*. AAAIPress/ MIT Press.
- ☞ Manning, C. D. and P. Raghavan. and H. Schutze. 2008. *Introduction to Information Retrieval*. Cambridge: Cambridge University Press.
- ☞ Mitkov, R. (ed.) 2005. *The Oxford Handbook of Computational Linguistics*. Oxford: Oxford University Press.
- ☞ Nivre, J. 2006. *Inductive Dependency Parsing*. Berlin: Springer.



## **7. OPTIONAL PAPER**

**PAPER CODE: LIN/O/3.7**

### **SEMANTICS- III**

#### **Unit-1**

Truth-conditional approach to semantics; truth and verifiability; meaning and external reference; compositional computation of meaning; sentence denotations as truth values. Set theory: union, intersection. Set-theoretic representation of verbal, adjectival, adverbial meanings.

#### **Unit-II**

Model theory: a 'world' as a formal construct; value assignment functions F and G for constants and variables. Universal and existential quantifiers; computing truth values of quantified propositions.

#### **Unit-III**

Type theory: construction of meaning expressions on the basis of t and e. Adjectives in predicative and attributive uses: type-theoretic analysis. Definiteness; definite articles in English; languages without overt articles; expression of plurality.

#### **Unit-IV**

Tense, grammatical aspect, lexical aspect. Relations between utterance time, topic time, event time. States, activities, accomplishments, achievements. Other approaches to lexical aspect.

#### **Unit-V**

Generalized quantifiers, lambda operator, complex predicates. Intensional semantics; modal operators (possibility and necessity); possible world semantics.

## **Reading list:**

- ☞ Allwood, J.; Andersson, L.G.; Dahl, Ö. 1977. Logic in Linguistics. Cambridge: Cambridge University Press.
- ☞ Chierchia, Gennaro; McConnell-Ginet, Sally. 1990. Meaning and Grammar: An Introduction to Semantics. Cambridge, MA: MIT Press.
- ☞ Cooper, R. 1983. Quantification and Syntactic Theory. Dordrecht: Reidel.
- ☞ Dowty, D.; Wall, R.; Peters, S. 1981. Introduction to Montague Semantics. Dordrecht: Reidel.
- ☞ Larson, Richard; Segal, Gabriel. 1995. Knowledge of Meaning: An Introduction to Semantic Theory. Cambridge, MA: MIT Press.
- ☞ Reichenbach, Hans. 1949. Elements of Symbolic Logic. New York: The Free Press. (2nd ed.)
- ☞ Vendler, Zeno. 1967. Linguistics in Philosophy. Ithaca: Cornell University Press.

## **SEMESTER-IV**

### **1.CORE PAPER**

#### **PAPER CODE- LIN/C/4.1**

### **APPLIED LINGUISTICS**

#### **Unit-1**

Language Teaching: Different approaches. Learning Theories: Acquisition vs. learning. Empirical (S-R) theories of learning; cognitive theories; implications for language teaching; second/foreign language learning; identity and contrastive hypothesis in learning a second language; input hypothesis.

#### **Unit-II**

Methods: Approach, technique and method; grammar- translation method; direct method; audio-lingual Methods; Communicative approach. Bilingual, Cognitive,

Communicative, Silent way and other recent methods. Teaching Aids. Innovative materials for language teaching.

### **Unit-III**

Communicative Technology: Linguistic Communication: Message model of linguistic communication. Inferential approach to communication. Direct and indirect communication. Literal and non-literal communication.

### **Unit-IV**

Technological advances in communication – Mass media print and electronic transmission.

### **Unit-V**

Project Work.

### **Reading List:**

- ☞ August E. Grant and Gennifer H. Meadows. Communication Technology Update. Ron 2. Kevac, Stephan Jones. Introduction to Communications Technologies: A Guide.
- ☞ Dulay, H. and M.Burt. 1982. Language Two. OUP.
- ☞ Hughes, Arthur. 1997. Testing for Language Teachers. Cambridge University Press.
- ☞ Kevac, Stephan Jones. Introduction to Communications Technologies: A Guide.
- ☞ Richards, C. Jack and Rodgers, Theodore, S. 1986. Approaches and methods in language teaching. Cambridge: Cambridge University Press.
- ☞ Susan Hunston. 2002. Corpora in Applied Linguistics. Cambridge. Cambridge University Press.
- ☞ Stubbs, Michael. 1986. Educational Linguistics. Basil Blackwell.

## **2. CORE PAPER**

### **PAPER CODE: LIN/C/4.2**

## **PSYCHOLINGUISTICS AND NEUROLINGUISTICS-II**

### **Unit-I**

Speech perception and comprehension: linguistic cues in perception of vowels and consonants, segmental and suprasegmental cues in context, models of speech perception, analytic and synthetic.

### **Unit-II**

Learnability issues: Development of UG principles (qualification and binding) and parameter setting; Diary Studies, large sample studies and longitudinal studies; language acquisition and multilingualism.

### **Unit-III**

Models of brain-language relationship: Classical connectionist model; hierarchical models, global models, process models.

### **Unit-IV**

Neuro Imaging Techniques.

### **Unit-V**

Pediatric Linguistic Disorders: Autism & Aspergers Syndrome .Williams syndrome. Down syndrome. Developmental dyspraxia and dysarthria .Speech sound disorders. Stuttering, Cluttering and dysfluency.

### **Reading List:**

- ☞ Ahsen. E. 2006. Introduction to Neurolinguistics. John Benjamins.
- ☞ Caplan, D. 1987. Neurolinguistics & Linguistic Aphasiology: An Introduction. Cambridge Studies in Speech Science & Communication. Cambridge & New York; CUP.
- ☞ Carroll, David W. 1994. Psychology of Language. California: Book.
- ☞ Chomsky, N. 1968. Language and Mind. New York. Hartcourt, Brace and Jovanovich.

- ☞ Chomsky, N. 1968. Language and Mind. Cambridge University Press.
- ☞ Clark, Herbert, H and Eve V Clark. 1977. Psychology of Language.
- ☞ Dabrowska, Ewa. 2004. Language Brain mind. Edinburgh University Press. Edinburgh.
- ☞ Gaskell, G. et al. 2007. The Oxford Handbook of Psycholinguistics, Oxford University Press, London.
- ☞ Ingram, J.C L. 2007. Neurolinguistics: An introduction to Spoken Language Processing and its Disorders.
- ☞ Kess, Joseph F. 1979. The conceptual basis of Language .Hilsdale.N.J Lawrence Erlbaum Associates.
- ☞ Theodore, S. 1979. Clinical Psycholinguistics. New York: Plenum Press.

### **3. CORE PAPER**

**PAPER CODE: LIN/C/4.3**

## **PHONOLOGY AND MORPHOLOGY- III**

### **Unit-I**

Generative Phonotactics and Whole Word Morphology: all and only automatic alternations considered phonological. Motivating this boundary between the domains. Exercises in discriminating between alternation types.

### **Unit-II**

Well-Formedness Constraints (WFCs) and Repair Strategies (RSs). Application of RSs to output of morphology. Phonology problems.

### **Unit-III**

Word Formation Strategies; constants; variables; issues of notation, discontinuous variables. Specific strategies pre-empt general strategies. Problems in morphology and at its interface with phonology.

### **Unit-IV**

Case studies from a wide range of languages.

### **Unit-V**

Case studies from Bengali.

## **Reading List:**

- ☞ Bhattacharja, Shishir. 2007. Word Formation in Bengali: A Whole Word Morphological Description and its Theoretical Implications. Munich: Lincom Europa.
- ☞ Bhattacharja, Shishir. (ms.) Whole Word Morphology. Unpublished, but available at the department.
- ☞ Dasgupta, Probal. (ms.) Basic Morphology and Syntax. Posted on UGC web site, and available at the department.
- ☞ Ford, Alan; Singh, Rajendra; Martohardjono, Gita. 1997. Pace Panini: Towards a Word-Based Theory of Morphology. New York: Peter Lang.
- ☞ Singh, Rajendra; Agnihotri, Rama Kant. 1997. Delhi: Motilal Banarsidass.

## **4. CORE PAPER**

### **PAPER CODE: LIN/C/4.4**

## **FIELD LINGUISTICS**

### **Unit-I**

Purpose and Techniques of Field Methods in Field Linguistics: The role and importance of language informant in Linguistics fieldwork. Selection of language informant.

### **Unit-II**

Questionnaire: Preparation and Types. Techniques and method of Elicitation. Types of Elicitation. The work session, elicitation and its nature, Scheduled vs. Analytical elicitation. Steps in elicitation, analysis and checking for elicitation. Organisation of working sessions.

### **Unit-III**

Collection of linguistic data: Factors which determine the kind of data, obtaining relevant data and restricting its size to salient features. Types and purposes of field transcription. The reliability and the accuracy of phonetic field transcription. The

Phonetic training for field work. Collection, analysis, and processing of data. The value of phonetic and linguistic statements

#### **Unit-IV**

Current Linguistic Scenario of India: Demography and Geography with special reference to Census data.

#### **Unit-V**

Project Work

#### **Reading List.**

- ☞ Abbi, A. 2001. A Manual of Linguistic Field Work and Structure of Indian Languages .Munich :Lincom Europa.
- ☞ Catford, J. C. 1974. Phonetic fieldwork. Current Trends in Linguistics vol. 12, Mouton: The Hague.
- ☞ Chelliah, Shobhana T., and Willem J. de Reuse. 2010. Handbook of Descriptive Linguistic Fieldwork. Berlin: Springer.
- ☞ Comrie, Bernard, and Norval Smith. 1977. 'Lingua Descriptive Series: Questionnaire.' Lingua 42:1-72. Reprinted in IJDL Vol.XI (1982).
- ☞ Crowley, Terry. 2007. Field-linguistics (A Beginner's guide). Oxford: Oxford University Press.
- ☞ Healey Alan. 1964. Handling Unsophisticated Linguistic Informants. Linguistic Circle of Canberra, Canberra; First Edition.
- ☞ Kibrik, Andrej E. 1977. The Methodology of Field Investigation. The Hague: Mouton.
- ☞ Longacre, Robert E. 1966. Grammar Discovery Procedures. A Field Manual. The Hague: Mouton.
- ☞ Lounsbury, Floyd. 1988. Field methods and techniques in linguistics. In Anthropology today: an encyclopedic inventory, ed. by Alfred Louis Kroeber. Chicago: University of Chicago Press.
- ☞ Nida, E.A. 1949. Morphology. Michigan: University of Michigan Press (F.E. 1946). Chapter on Field Linguistics.
- ☞ Samarin, William J. 1967. Field Linguistics: A Guide to Linguistic Field Work. New York: Holt, Rinehart, and Winston.

## **5.OPTIONAL PAPER**

### **PAPER CODE: LIN/O/4.5**

#### **SYNTAX-IV**

##### **Unit-I**

Minimalist programme: a project of redescribing P&P ('GB') generalizations. Rationale for rearticulation: principles targeting biologically unmotivated levels D-Structure and S-structure. New goal: relocate generalizations at conceptually indispensable PF and LF. Old strategy: abstract processes overgenerate possible derivations; module-specific principles filter out ineligible candidates. New strategy: particular feature geometry drives derivations; narrow range of indecisions, resolved by general principles of economy.

##### **Unit-II**

Basic minimalist machinery: numeration; Merge (Internal and External); minimal link condition; Case connected to phi-features. Phases; phase impenetrability. Early model's strong and weak features. Later architecture's feature valuation procedures. Probes and goals.

##### **Unit-III**

Recasting of theta theory: unification of binding and control; permitting one-many mapping between chains and theta roles. Realignment of PRO and Case.

##### **Unit-IV**

Minimalist case studies for a selected Indian language.

##### **Unit-V**

Minimalist case studies for a selected foreign language.

##### **Reading list:**

- ☞ Bošković, Željko; Lasnik, Howard (eds.) 2006. *Minimalist Syntax: The Essential Readings*. Oxford: Wiley-Blackwell.
- ☞ Carnie, Andrew. 2013. *Syntax: A Generative Introduction*. 3rd edition. Oxford: Wiley-Blackwell.



## **6. OPTIONAL PAPER**

### **PAPER CODE: LIN/O/4.6**

## **LANGUAGE PLANNING**

### **Unit-I**

Sociology of language & language planning : Linguistics and sociolinguistics; sociolinguistics and sociology of Language; sociology of language-theoretical and applied; domain of Language planning.

### **Unit-II**

Language Planning (theoretical perspective): Concept of code and code-matrix; structure and function of code; Manipulation of function of code and status planning; Manipulation of structure of code and corpus planning; Planning for language development.

### **Unit-III**

Language problems and language planning: Identification of language problems; problem of code selection and Legitimization process; problem of code stability and standardization Process; problem of code elaboration and modernization process; Problem of code differentiation and cultivation process.

### **Unit-IV**

Language standardization: Different approaches to codification; civilization and standardization, Natural and planned standardization, attributes of standardization; Criteria for standard language efficiency, rationality and commonality; Emergence of standard, identification process; stabilization of standard.

### **Unit-V**

Language elaboration and codification; Language development and language modernization; terminological Modernization; stylistic and registeral modernization; language Cultivation. Norms-selection; problems of graphizationgrammatication and lexication, codification and elaboration in a multilingual context.

### **Reading List:**

- ☞ Alisjahbana, S.T. 1976. Language Planning for Modernization: The case of Indonesian and Malaysian. The Hague: Mouton.

- ☞ Cobarrubias, J and J. Fishman (eds.) 1983. Progress in Language planning: International Perspective. The Hague: Mouton.
- ☞ Coulmas, F (ed) 1984. Linguistic Minorities and Literacy. Berlin/New York: Mouton. Eastman, C.M. 1983. Language Planning: An Introduction. San Fransisco.
- ☞ Chandler & Sharp. Fishman, J.A.(ed.) 1974. Advances in Language Planning. The Hague: Mouton .
- ☞ Gudschinsky, S.C. 1984. Literacy: The Growing Influence of Linguistics. The Hague: Mouton.
- ☞ Joseph, J.E. 1987. Eloquence and Power. London: Frances Printer.
- ☞ Khubchandani, L.M. 1983. Plural Languages, Plural Culture. East-West Centre Book: University of Hawaii Press.
- ☞ Krishnamurti, Bh. And A. Mukherji.(eds.) 1983 Modernization of Indian Languages in News Media. Hyderabad: Osmania University Press.
- ☞ Ray, P.S. 1963.Language Standardization. The Hague: Mouton.
- ☞ Rubin, J. and R. Shuy (eds.). 1973. Language Planning: Current Issues and Research. Washington, D.C.
- ☞ Singh, Udaya Narayana 1992. On Language Development: The Indian Perspective. Proceedings of the 14th International Congress of Linguists. Berlin: Akademie Verlag.

## **7. OPTIONAL PAPER**

**PAPER CODE: LIN/O/4.7**

### **SEMIOTICS**

#### **Unit-I**

Definitions. Traditions.Methodologies.Relation to linguistics.Langue and parole.Scope of semiotics.Signification, semiosis, communication.Models of communication.Abelardian semiotics. Design for a semiotic theory.

#### **Unit-II**

Models of the sign: Saussure; Peirce; Hjelmwslev. Signs and things: namings, referentiality, modality, empty signifiers. Typology of signs.

#### **Unit-III**

Analyzing structures: Syntagmatic dimension – conceptual, spatial, sequential relations. Paradigmatic dimension – commutation test; oppositions; markedness. The semiotic square. Signs and myths.

#### **Unit-IV**

Types of codes: perceptual codes, social codes, codes of realism. Overcoding and undercoding. Interplay of codes and message as open form. Focus on Eco's work.

#### **Unit-v**

Case studies based on material available in the students' experience or reading.

#### **Reading List:**

- ☞ Barthes, Roland .1953/1967. Writing Degree Zero. Trans. Annette Lavers & Colin Smith .London : Cape.
- ☞ ----- 1964/67 .Elements of Semiology. Trans. Annette Lavers & Colin Smith .London : Jonathan Cape.
- ☞ ----- 1982. Empire of Signs . Trans. Richard Howard . New York : Hill and Wang.
- ☞ Blonsky, M. (ed.) . 1985. On Signs : A Semiotic Reader. Oxford : Blackwell.
- ☞ Chandler, Daniel. 2002. Semiotics : The Basics .London : Routledge.
- ☞ Cobley, Paul (ed.) . 2001. The Routledge Companion to Semiotics and Linguistics. London and New York : Routledge.
- ☞ Danesi, Marcel. 2007. The Quest for Meaning: A Guide to Semiotic Theory and Practice. Toronto: University of Toronto Press.
- ☞ Deely, John. 1990. Basics of Semiotics. Bloomington & Indiana polis : Indiana University Press.
- ☞ ----- 2007. Intentionality and Semiotics. Scranton & London : University of Scranton Press.
- ☞ Eco, Umberto. 1976. A Theory of Semiotics. Bloomington : Indiana University Press.
- ☞ ----- 1979. The Role of the Reader. Bloomington : Indiana University Press.

- ☞ ----- 1984. *Semiotics and the Philosophy of Language*. Bloomington : Indiana University Press.
- ☞ -----1994. *The Limits of Interpretation* .Bloomington : Indiana University Press.
- ☞ Gill, H.S. 1989. *Abelardian Semiotics and Other Essays*. New Delhi : Bahri Publications.
- ☞ ----- 1996. *The Semiotics of Conceptual Structures* .New Delhi : Bahri Publications.
- ☞ Greimas, A.J. 1987. *On Meaning : Selected Writings in Semiotic Theory*. Trans. Paul J. Perron and F.H. Collins. London : Francis Pinter.
- ☞ Halliday, M.A.K. 1978. *Language as a Social Semiotic* .London : Edward Arnold.
- ☞ Hawkes, Terence. 1977. *Structuralism and Semiotics* .London : Methuen & Co Ltd.
- ☞ Hodge, R. and Kress, G. 1988. *Social Semiotics*. New York : Cornell University Press.
- ☞ Innis, R.E. 1985. *Semiotics : An Introductory Reader*. London : Hutchinson.
- ☞ Jakobson, R. 1960. "Linguistics and Poetics". In T.A. Sebeok (ed.) *Style in Language*. Cambridge, Mass : MIT Press.
- ☞ Lakoff, George and Mark Johnson. 1980. *Metaphors We Live By*. Chicago : University of Chicago Press.
- ☞ Lotman, Yuri. 1990. *Universe of the Mind : A Semiotic Theory of Culture*. Bloomington & Indianapolis: Indiana University Press.
- ☞ Peirce, C.S. 1931-58. *Collected Writings* .(8 Vols.). Eds. C. Hartshorne , P. Weiss and Arthur W. Burks. Cambridge, Mass : Harvard University Press.
- ☞ Peirce. 1998 b . *The Essential Peirce : Selected Philosophical Writings* (2 Vols.). Bloomington : Indiana University Press.
- ☞ Saussure, Ferdinand de .1916/1983. *Course in General Linguistics*. Trans. Roy Harris. London : Duckworth.
- ☞ Todorov, Tzvetan. 1982. *Theories of the Symbol* .Oxford : Blackwell.
- ☞ ----- . 1983. *Symbolism and Interpretation*. London : Routledge and Kegan Paul.