

AC. 6/6/2012  
Item No.4.48

# UNIVERSITY OF MUMBAI



**Revised Syllabus for the M.A.**

**Program: M.A.**

**Course: Linguistics**

**(Semester I to IV)**

(As per Credit Based Semester and Grading System  
with effect from the academic year 2012–2013 for  
Sem. I & II & Sem. III & IV for the academic year 2013-14)

# Syllabus for M.A. Programme in Linguistics

## List of Courses

<b>Semester I</b>		
Core Courses	<b>C 101</b>	Introduction to Linguistics
	<b>C 102</b>	Morphosyntax
	<b>C 103</b>	Lexical Semantics
Electives*	Students can select any one course of the following:	
	<b>E 104</b>	Basics of Semiotics
	<b>E 105</b>	Language, Culture and Nation
	<b>E 106</b>	Schools of Linguistic Thought-I
<b>Semester II</b>		
Core Courses	<b>C 201</b>	Introduction to Sociolinguistics
	<b>C 202</b>	Principles and Parameters Approach to Syntax
	<b>C 203</b>	Fundamentals of Formal Semantics
Electives*	Students can select any one course of the following:	
	<b>E 204</b>	Media Semiotics
	<b>E 205</b>	Language, Power and Inequality
	<b>E 206</b>	Schools of Linguistic Thought-II
	<b>E 207</b>	Indian Grammatical Theories

<b>Semester-III</b>		
Core Courses	<b>C 301</b>	Introduction to Pragmatics
Electives*	Students can select any three courses from the following:	
	<b>E 302</b>	Advances in Principles and Parameters Approach
	<b>E 303</b>	Language and Philosophy
	<b>E 304</b>	Stylistics and Discourse Analysis
	<b>E 305</b>	Translation: Theory and Practice
	<b>E 306</b>	Educational Linguistics
	<b>E 307</b>	Computational Linguistics-I
<b>Semester-IV</b>		
Core Courses	<b>C 401</b>	Field Methods
Electives*	Students can select any three courses of the following:	
	<b>E 402</b>	Analysing Structures of Modern Indian Languages
	<b>E 403</b>	Analysing Meaning in Natural Languages
	<b>E 404</b>	Advances in Pragmatic Perspectives on Language
	<b>E 405</b>	Historical Linguistics
	<b>E 406</b>	Lexicography
	<b>E 407</b>	Computational Linguistics-II

\* The Elective courses will be offered by the department as per the needs of the students and the availability of teaching resources.

Students from other departments can opt for any of the courses, core or elective, offered by the Department of Linguistics.

**Syllabus for**  
**M.A. PROGRAMME IN LINGUISTICS**

**C-101 : Introduction to Linguistics**

**1. Language and Communication:**

Human and animal communication , Design Feature Framework, Key Properties of Language.

**2. Basic concepts in Phonetics:**

The role of sound in communication; Major branches of Phonetics; The anatomy and physiology of speech: speech organs & their function ; Major components of speech production : Initiation, Phonation, and Articulation; Classification and Description of speech sounds: consonants, vowels, diphthongs ; Multiple articulation and Co-articulation; Suprasegmentals; Phonetic Transcription; Acoustic characteristics of speech

**3. Basic concepts in Phonology :**

Phoneme and its nature; Phonemic principles: the concepts of contrast, minimal pairs, complementary distribution; Types of distribution; Phonemic variation; Distinctive Feature Theory ; Syllabicity; Procedures for phonemic analysis; Rule writing ; Rule Ordering.

**4. Basic concepts in Morphology and Morphophonology:**

Morphemes and Allomorphs ; Classification of Morphemes; Criteria for identifying morphemes; Analysis of morphological structure : complex words; Variation in morphology; The hierarchical structure of words; Problems in morphological analysis : zero derivation, unmarked forms , discontinuous morphemes; The concept of morphophoneme; Major types of morphophonemic alternations.

## Readings :

- 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*. Massachusetts : 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 : Holt, Reinhart & Winston.
- Fromkin, V. (ed.) 2000. *Linguistics : An Introduction to Linguistics* . Cambridge : Blackwell.
- Fudge, E.C. (ed.) 1973. *Phonology*. Harmondsworth : Penguin.
- Gee, J.P. 1993. *An Introduction to Human Language : Fundamental Concepts in Linguistics* . Englewood Cliffs , New Jersey : Prentice Hall.
- Gleason, H.A. Jr. 1955. *An Introduction to Descriptive Linguistics*. New York : Holt, Rinehart and Winston Inc.
- Goldsmith, J. (ed.) 1995. *The Handbook of Phonological Theory*. Cambridge : Blackwell.
- Goldsmith, J. (ed.) 1999. *Phonological Theory: The Essential Readings*. Cambridge : Blackwell.
- Gussenhoven, C. & H. Jacobs. 1998 . *Understanding Phonology*. London : Arnold.
- Hockett, C.F. 1958. *A Course in Modern Linguistics*. New York : Macmillan.

- Hudson , G. 2000. *Essential Introductory Linguistics*. Oxford : Blackwell.
- Katamba, F. 1993 . *Morphology*. Basingstoke : Macmillan.
- Kenstowicz, M. 1994. *Phonology in Generative Grammar* .Cambridge : Blackwell.
- Ladefoged, P. 1993. *A Course in Phonetics*. New York: Hartcourt Brace Jovanovich Publishers (3<sup>rd</sup> Edition).
- Ladefoged, P. & I. Maddieson . 1996. *The Sounds of the World's Languages* . Oxford: Blackwell.
- Laver, J. 1994 . *Principles of Phonetics* . UK : Cambridge University Press.
- Lyons, J. 1968. *Introduction to Theoretical Linguistics*. Cambridge : Cambridge University Press.
- Lyons, J. (ed.) 1970. *New Horizons in Linguistics*. Harmondsworth : Penguin Books.
- Lyons, J. 1981. *Language and Linguistics* . Cambridge: Cambridge University Press.
- Newmeyer, F.J. (ed.) 1988. *Linguistics : The Cambridge Survey. Vol. III*. Cambridge : Cambridge University Press.
- Nida, E.A. 1945. *Morphology : The Descriptive Analysis of Words*, Chicago: University of Chicago Press.
- O'Connor, J.D. 1973. *Phonetics* . Harmondsworth : Penguin.
- Pike, K.L. 1947. *Phonemics* . Ann Arbor : University of Michigan Press.
- Radford, A. et al . 1999 . *Linguistics : An Introduction* . UK : Cambridge University Press.
- Robins, R.H. 1964. *General Linguistics: An Introductory Survey*. London: Longmans.
- Rocca, I. & W. Johnson . 1999. *A Course in Phonology* . Oxford : Blackwell.

Rogerson-Revell . 2011. *English Phonology and Pronunciation Teaching*. London: Continuum International Publishing Group.

Schane, S.A. 1973. *Generative Phonology*. Englewood Cliffs, New Jersey : Prentice Hall Inc.

Spencer, A. 1991. *Morphological Theory* . Oxford : Blackwell.

### **C 102: Morphosyntax**

The aim of this course is to introduce the students to the basic toolkit of morphology and syntax. The course aims at training the students to analyse the words and sentences of human languages.

- 1) **The Notion of a Word and Wordhood:** Syntactic and phonological notions of a word, diagnostic tests of wordhood, lexeme.
- 2) **Word-formation Processes:** Derivation and compounding (morphology and lexicon), inflectional processes (morphology and grammar).
- 3) **Syntactic Categories:** Lexical categories- noun, verb, adposition, adjective, adverb. Functional categories- categories of noun morphology- person, number, gender, case, determiner; categories of verbal morphology- agreement, tense, aspect, mood, voice (active, passive, middle).
- 4) **Words and Phrases:** Phrase structure, notion of a head, relations within a phrase- head-complement, and head-specifier relations, adjuncts.
- 5) **Grammatical Relations:** Subject-predicate relation, object, topic and focus.
- 6) **Internal Structure of a Sentence:** Linear order of words, hierarchical constituent structure of a sentence, constituency tests. Simple, coordinate and complex sentences. Types of clauses- matrix and embedded clauses, finite and non-finite clauses, small clauses, relative clauses, complement clauses and adjunct clauses.
- 7) **Phrase Structure:** Introduction to the X-bar schema, projection of a head. Structural relations- dominance, precedence, c-command and Government.
- 8) **Syntactic Processes and Movement:** Syntactic processes- passivization, question-formation, scrambling, clefting, topicalization, relativisation, nominalization, raising and control, gapping. Need for movement- Sentential relations, discontinuous constituents. Types of movement. D-Structure and S-Structure.

**Readings:**

- Aronoff, Mark & Kirsten Fudeman. 2011. *What is Morphology?* UK: Wiley-Blackwell.
- 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. 1955. *Syntactic Structures*. The Hague: Mouton de Gruyter.
- Fromkin, Victoria, Robert Rodman & Nina Hyams. 2003. *An Introduction to Language*. USA: Thomson Wadsworth.
- Spencer, Arnold. 1991. *Morphological Theory*. Oxford: Blackwell.
- Spencer, Andrew & Arnold M. Zwicky. 2001. *The Handbook of Morphology*. Oxford: Blackwell. (Paperback edition).
-



## **C103: LEXICAL SEMANTICS**

This course seeks to introduce the subject matter as well as the major theoretical trends in lexical semantics in the context of modern linguistics.

### **Basic topics in lexical semantics**

**Introduction to lexical meaning:** notion of lexicon & word, aspects of meaning: denotation, connotation, social meaning; semantics/pragmatics; sense/reference; ambiguity/vagueness; polysemy/homonymy.

**Semantic relations:** synonymy, antonymy, hyponymy, meronymy; relation to propositional relations: entailment, contradiction.

**Semantics of Lexical Categories:** Verb Meaning -Ontological categories: event, state; Aspectual classes/aktionsarten; Noun Meaning -Natural Kinds and Semantic Prototypes, Nouns and Names, Countability; Adjective Meaning: Gradable Meaning, markedness and opposition, variability of adjective meaning.

### **Approaches to Lexical Semantics**

**Historical-philological Semantics:** The birth of lexical semantics- speculative etymology, the rhetorical tradition, Breal on meaning and mind, Paul on context and usage; classifications of semantic change.

**Structuralist Semantics:** The Structuralist conception of meaning, lexical fields theory, componential analysis, relational semantics.

**Generativist Semantics:** Katzian semantics, tensions in generative semantics: maximal or minimal semantics, decompositional or axiomatic semantics, beyond generativist semantics.

**Neo-Structuralist Semantics:** Elaborating the decompositional approach - natural semantic metalanguage, conceptual semantics, two-level semantics, generative lexicon; Elaborating the relational approach – Wordnet, lexical functions, distributional corpus analysis.

**Cognitive Semantics:** Prototypicality & salience, conceptual metaphor and metonymy, idealized cognitive models and frames, cognitive semantics in context.

**Readings:**

- Aitchison, Jean. 2002. *Words in the mind* (3rd edn). Oxford: Blackwell.
- Allan, Keith. 2002. *Natural language semantics*. Oxford: Blackwell.
- Bierwisch, Manfred and Ewald Lang (eds.). (1989). *Dimensional adjectives*. Berlin: Springer.
- Blutner, Reinhard. 1998. Lexical pragmatics. *Journal of Semantics* 15:115–62.
- Bybee, Joan. 1998. The emergent lexicon. In *Chicago Linguistic Society* 34: The Panels. Chicago: Chicago Linguistic Society, 421–35.
- Coseriu, E. & H. Geckeler 1981. *Trends in Structural Semantics*. Tübingen: Gunter Narr Verlag.
- Croft, William and D. Alan Cruse. 2004. *Cognitive linguistics*. Cambridge: Cambridge University Press.
- Cruse, D. A. (1986). *Lexical semantics*. Cambridge: Cambridge University Press.
- Cruse, (D.) Alan. 2000. *Meaning in language*. Oxford: Oxford University Press.
- Cuyckens H, Dirven R, Taylor J.R. (ed.) 2003. *Cognitive Approaches to Lexical Semantics*. NY: Mouton de Gruyter. <http://www.questia.com/PM.qst?a=o&d=114557439>
- Evans V. 2009. *How Words Mean*, Oxford: Oxford University Press.
- Evans, Vyv and Melanie Green. 2006. *Cognitive linguistics: an introduction*. Edinburgh: Edinburgh University Press.
- Fellbaum, Christiane (ed.). 1998. *WordNet: An Electronic Lexical Database*. Cambridge, MA: MIT Press.
- Frawley, William. 1992. *Linguistic semantics*. Hillsdale, NJ: Erlbaum.
- Geeraerts D. 2010. *Theories of Lexical Semantics*, Oxford: Oxford University Press.
- Geeraerts D., S. Grondelaers & P. Bakema 1994. *The Structure of Lexical Variation: Meaning, Naming, and Context*. Berlin: Mouton de Gruyter.
- Goddard, Cliff. 1998. *Semantic analysis: a practical introduction*. Oxford: Oxford University
- Goodenough, W. H. 1956. Componential analysis and the study of meaning. *Language* 32, 195-216.

**Hovav M.R., Doron E, Sichel I. (ed.) 2010. *Syntax, Lexical Semantics, and Event Structure* (Oxford Studies in Theoretical Linguistics), Oxford: Oxford University Press.**

**Hudson, Richard. 1995. *Word meaning*. London: Routledge.**

Jackendoff, Ray. 1983. *Semantics and cognition*. Cambridge, MA: MIT Press.

Jackendoff, Ray. 1990. *Semantic structures*. Cambridge, MA: MIT Press.

Jackendoff, Ray. 1991. Parts and boundaries. In B. Levin and S. Pinker (eds.), *Lexical and conceptual semantics*. Oxford: Blackwell, 9–46.

Jackendoff, Ray. 2002. *Foundations of language*. Oxford: Oxford University Press.

Katz, Jerrold J. and Jerry A. Fodor. 1963. The structure of a semantic theory. *Language* 39:2/1.170-210.

Leech, Geoffrey. 1981. *Semantics* (2nd edn). Harmondsworth: Penguin.

Lehrer, Adrienne. 1974. *Semantic fields and lexical structure*. Amsterdam: North Holland.

Lehrer, Adrienne. 1985. Markedness and antonymy. *Journal of Linguistics* 21:397-429.

Lehrer, Adrienne and Eva Feder Kittay (eds.). 1992. *Frames, fields, and contrasts*. Hillsdale, NJ: Erlbaum.

Lieber, Rochelle. 2004. *Morphology and lexical semantics*. Cambridge: UP.

Levin, Beth. 1993. *English verb classes and alternations*. Chicago: University of Chicago Press.

Löbner, Sebastian. 2002. *Understanding semantics*. London: Arnold.

Lyons, John. 1977. *Semantics* (2 vols.). Cambridge: Cambridge University Press.

Murphy, M. Lynne. 1997. The elusive bisexual: social categorization and lexico-semantic change. In Kira Hall and Anna Livia (eds.), *Queerly phrased: language, gender, and sexuality*. New York: Oxford UP, 35–57.

Murphy, M. Lynne. 2003. *Semantic relations and the lexicon*. Cambridge: Cambridge University Press.

Murphy, M. Lynne. 2010. *Lexical meaning*. Cambridge: Cambridge University Press.

Nunberg, Geoffrey. 1979. The non-uniqueness of semantic solutions polysemy. *Linguistics and Philosophy* 3: 143-84.

Pustejovsky, James. 1995. *The generative lexicon*. Cambridge, MA: MIT Press.

- Ravin, Yael and Claudia Leacock (eds.). 2000. *Polysemy*. Oxford: Oxford University Press.
- Saeed, John I. 2003. *Semantics* (2nd edn). Oxford: Blackwell.
- Singleton, David. 2000. *Language and the lexicon: an introduction*. London: Arnold.
- Talmy, Leonard. 1985. Lexicalization patterns: Semantic structure in lexical forms. In Timothy Shopen (ed.), *Language typology and syntactic description*, vol. III: Grammatical categories and the lexicon, 57-149. Cambridge: Cambridge University Press.
- Talmy Givón, 1984. *Syntax*, vol. 1. Amsterdam: Benjamins.
- Talmy, Leonard. 2000. *Toward a cognitive semantics* (2 vols.). Cambridge, MA: MIT Press.
- Taylor, John R. 2003. *Linguistic categorization* (3rd edn). Oxford: Oxford University Press.
- Trask, R.L. 2003a. [Parts of speech. Department of Linguistics Working Papers 11/04](http://www.sussex.ac.uk/linguistics/1-4-1-2.html), University of Sussex. [www.sussex.ac.uk/linguistics/1-4-1-2.html](http://www.sussex.ac.uk/linguistics/1-4-1-2.html)
- Trask, R.L. 2003b. [What is a word? Department of Linguistics Working Papers 11/04](http://www.sussex.ac.uk/linguistics/1-4-1-2.html), University of Sussex. [www.sussex.ac.uk/linguistics/1-4-1-2.html](http://www.sussex.ac.uk/linguistics/1-4-1-2.html)
- Tuggy, David. 1993. Ambiguity, polysemy and vagueness. *Cognitive Linguistics* 4, 273–90.
- Weigand, Edda (ed.). 1998. *Contrastive lexical semantics*. Amsterdam: John Benjamins.
- Wierzbicka, Anna. 1988. What's in a noun? (or: How do nouns differ in meaning from adjectives?). In *The semantics of grammar*. Amsterdam: Benjamins. (Orig. published in 1986 in *Studies in Language* 10.)
- Wierzbicka, Anna. 1992. *Semantics, culture, and cognition*. Oxford: Oxford University Press.
- Wierzbicka, Anna. 1996. *Semantics: primes and universals*. Oxford: Oxford University Press.
- Wierzbicka, Anna. 1997. *Understanding cultures through their key words*. New York: Oxford University Press.

## E- 104: Basics of Semiotics

### 1. **Introduction :**

Definitions, Traditions, Methodologies, Relation to Linguistics, Langue & Parole, Scope of Semiotics , The evolution of semiosis, Signification and Communication, Models of Communication, Abelardian Semiotics, Design for a Semiotic Theory.

### 2. **Models of the Sign :**

The Saussurean Model , The Peircian Model, Hjelmslev's Framework.  
Signs & Things : Naming things, Referentiality, Modality, Empty signifiers.  
The problem of a typology of signs.

### 3. **Analysing Structures:**

## **Horizontal and vertical axes , The syntagmatic dimension , Conceptual relations,**

Spatial relations, Sequential relations, Structural reduction, The paradigmatic dimension, The commutation test, Oppositions, Alignment, Markedness, The semiotic square, Signs & Myths.

### 4. **Codes:**

Types of Codes: Perceptual Codes, Social Codes, Textual Codes, Codes of Realism. Guiraud's views on logical codes & aesthetic codes. Eco's views on the 'Theories of Codes' : System and codes, The s-code as structure, Expression and content, Denotation & connotation, Message & Text, Content & Referent, Meaning as cultural unit, The Interpretant, The semantic system, Semantic markers and the sememe, Revised semantic model, The format of the semantic space, Overcoding & undercoding, The interplay of codes and the message as an open form .

### 5. **Semiotic Perspective on Text and Discourse Constitution :**

Notion of 'Text', The positioning of the subject, Modes of Address, Reading Positions, Intertextuality, Problematizing authorship, Reading as rewriting, Intratextuality , Bricolage , Types and degrees of Intertextuality, Theories of interpretation. Derrida on 'Sign and Writing'. Poststructuralist Semiotics.

## Readings :

- 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.
- 1983. *A Barthes Reader*. Ed. Susan Sontag . New York : Hill and Wang.
- 1987. *Selected Writings* . Ed. Mark Poster . Cambridge : Polity Press.
- 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 & Indianapolis : Indiana University Press.
- 2007. *Intentionality and Semiotics*. Scranton & London : University of Scranton Press.
- Derrida, Jacques. 1976. *Of Grammatology*. Trans. Gayatri Chakravorty Spivak. Baltimore : John Hopkins University Press.
- 1978. *Writing and Difference*. Trans. Alan Bass. London : Routledge & Kegan Paul .
- 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.
- Foucault, Michel. 1994. *Aesthetics : Method and Epistemology*. Ed. James Faubion.  
London : Penguin Books.
- Gibbs, R.W. Jr. 1994. *The Poetics of Mind : Figurative Thought , Language and Understanding* . Cambridge : Cambridge 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.
- Guiraud, P. 1975. *Semiology*. Trans. George Gross. London : Routledge and Kegan Paul.
- Halliday, M.A.K. 1978. *Language as a Social Semiotic* . London : Edward Arnold.
- Hawkes, Terence. 1977. *Structuralism and Semiotics* . London : Methuen & Co Ltd.
- Hervey, Sandor. 1982. *Semiotic Perspectives* . London : George Allen and Unwin.
- 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*. pp.350-77. Cambridge, Mass. : MIT Press.
- Kapoor, K. 1991. "The Linguistic Sign : Bhartrhari's Sphota Vada". In H.S. Gill (ed.), *Structures of Signification, Vol. II*, pp. 291-98. New Delhi : Wiley Eastern Ltd.
- Kelkar, A.R. 1980. *Prolegomena to an Understanding of Semiosis and Culture*. Mysore : Central Institute of Indian Languages.
- Lakoff, George and Mark Johnson. 1980. *Metaphors We Live By*. Chicago : University of Chicago Press.
- Lacan, Jacques. 1977. *Ecrits*. Trans. Alan Sheridan. London : Routledge.
- Lodge, David (ed.) 1988 . *Modern Criticism and Theory : A Reader*. London & New

York : Longman .

Lotman, Yuri. 1990. *Universe of the Mind : A Semiotic Theory of Culture*. Bloomington & Indianapolis: Indiana University Press.

Merrel, Floyd. 1985. *A Semiotic Theory of Texts*. New York : Mouton de Gruyter.

Mertz, E. and R.J. Parmentier . (eds.) .1985. *Semiotic Mediation : Sociocultural and Psychological Perspectives*. London : Academic Press Inc.

Miall, D.S. (ed.) 1982. *Metaphor : Problems and Perspectives*. Sussex : The Harvester Press.

Morris, Charles W. 1938/1970 . *Foundations on the Theory of Signs*. Chicago : Chicago University Press.

----- . 1971. *Writings on the General Theory of Signs*. The Hague : Mouton.

Noth, W. 1995. *Handbook of Semiotics* . Bloomington : Indiana University Press.

Ortony, A.(ed.) 1980. *Metaphor and Thought* . Cambridge : Cambridge University Press.

Park, Clara Clairborne. 1991. *Rejoining the Common Reader , Essays 1962-1990*. Evanston, Illinois : North Western University Press.

Parret, Herman. 1983. *Semiotics and Pragmatics*. Amsterdam : John Benjamins.

Peirce, C.S. 1931-58. *Collected Writings* . (8 Vols.). Eds. C. Hartshorne , P. Weis and Arthur W. Burks. Cambridge, Mass. : Harvard University Press.

----- 1998 a - . *Writings of Charles S. Peirce : A Chronological Edition* (6 Vols.) . Ed. Nathan Houser, Peirce Edition Project. Bloomington : Indiana University Press.

----- 1998 b . *The Essential Peirce : Selected Philosophical Writings* (2 Vols.). Bloomington : Indiana University Press.

Petofi, Janos S. (ed.) 1988. *Text and Discourse Constitution : Empirical Aspects, Theoretical Approaches*. Berlin and New York : Walter de Grueter.

Pomorska, C. and S. Rudy . (eds.) 1985. *Roman Jakobson : Verbal Art, Verbal Sign, Verbal Time*. London : Basil Blackwell.



- Posner, R., K. Robering, and T.A. Sebeok, (eds.) .1997/1998/2001. *Semiotics: A Handbook on the Sign-Theoretic Foundations of Nature and Culture* , 3 Vols. (Vol.I –1997, Vol. II -1998, and Vol.III – 2001). Berlin : Walter de Gruyter.
- Saussure, Ferdinand de . 1916/1983. *Course in General Linguistics*. Trans. Roy Harris. London : Duckworth.
- Schleifer, Ronald. 1987. *A.J. Greimas and the Nature of Meaning : Linguistics , Semiotics and Discourse Theory* . London and Sydney : Croom Helm.
- Scholes, R. 1982. *Semiotics and Interpretation*. New Haven : Yale University Press.
- Sebeok, T.A. 1994. *Signs : An Introduction to Semiotics*. Toronto : University of Toronto Press.
- 2000a. *Essays in Semiotics : Culture Signs*. Ottawa : Legas Press.
- 2000b. *Essays in Semiotics :Life Signs* . Ottawa : Legas Press.
- Sebeok, T.A. , and M. Danesi. 2000. *The Forms of Meaning : Modeling Systems Theory and Semiotic Analysis* . Berlin : Mouton de Gruyter.
- Sebeok, T.A. 2001. *Global Semiotics*. Bloomington : Indiana University Press.
- Srivastava, R.N. and K. Kapoor. 1988 . ‘Semiotics in India’. In *The Semiotic Web 1987*, ed. T. A. Sebeok and J. Umiker-Sebeok, pp 217-265. Berlin : Mouton de Gruyter.
- Tilley, Christopher (ed.) . 1990. *Reading Material Culture : Structuralism, Hermeneutics and Post-structuralism*. Oxford : Basil Blackwell.
- Tobin, Y. (ed.). 1988. *The Prague School and Its Legacy in Linguistics, Literature, Semiotics, Folklore and the Arts*. Amsterdam : John Benjamins.
- Todorov, Tzvetan. 1982. *Theories of the Symbol* . Oxford : Blackwell.
- . 1983. *Symbolism and Interpretation*. London : Routledge and Kegan Paul.

## **E 105: Language, Culture and Nation**

This course aims at making the students critically understand the role of language and culture in building nations, especially in multilingual societies like India. Focusing on the nations in South Asia, the course discusses the complex relationship between language, culture, nationalism and democracy.

- 1) **Defining Culture:** Culture as communication, culture as ways of living, culture as a primordial relation.
- 2) **Defining Language Socially:** Language as an institution- language as identity, language as resource, language as a right.
- 3) **Defining Nationalism:** Concepts of 'nation', 'nationalism' and 'nation-state', defining citizenship, types of nationalisms (cultural and economic), notion of 'nation-building'.
- 4) **Relationship between Language and Culture:** Humboldt, Boas, Sapir and Whorf, the Ethnographic tradition (Dell Hymes).
- 5) **Language, Culture and Nation-building:** Language and culture as aid and barrier in participatory democracy, language and culture as expressions of people's aspirations. Language movements.
- 6) **Language Planning and Policy:** Managing language as resource, need and role of language planning and policy for nation-building. Language planning processes, standardization. Nationalism and language policy.
- 7) **Language, Culture and Nation in South Asia:** Linguistic nationalism in South Asia, linguistic reorganization of states in independent India, language movements in India and other states in South Asia, challenges and directions of language planning and policy in multilingual societies like India.

### **Readings:**

Annamalai, E. 1979. *Language Movements in India*. Mysore: CIIL.

Brass, Paul. 2005. *Language, Religion and Politics in North India*. Iuniverse Inc.

Calvet, Louis-Jean. 1998. *Language Wars: and Linguistic Politics*. Oxford: Oxford University Press.

Cooper, Robert L. 1996. *Language Planning and Social Change*. Cambridge: Cambridge University Press.

- De Varennes, Fernand. 1996. *Language, Minorities & Human Rights*. The Hague: Martinus Nijhoff Publishers.
- Hymes, Dell. 1996. *Ethnography, Linguistics and Narrative Inequality*. UK: Taylor & Francis.
- Kymlicka, Will & Alan Patten. (eds). 2003. *Language Rights and Political Theory*. New York: Oxford University Press.
- Rubin, & Jernudd. 1971. *Can Languages be Planned?* Hawaii: University Press of Hawaii.
- Sapir, E. 1921. *Language*. New York: Harcourt Brace.
- Saxena, Anju. 2006. *Lesser-known Languages of South Asia: Status & Policies, Case Studies & Applications of Information & Technology*. The Hague: Mouton de Gruyter.
- Singh, U. N. 1992. *On Language Development and Planning: A Pluralistic Paradigm*. Shimla: Indian Institute of advanced Study.
- Spolsky, Bernard. 2004. *Language Policy*. New York: Cambridge University Press.
- Spolsky, Bernard. 2009. *Language Management*. New York: Cambridge University Press.

**Journals:**

*Language Problems and Language Planning*

*Multilingua*

---

## E106: Schools of Linguistic Thought – I

### 1. **Structuralism :**

Basic Tenets of Structuralism, Linguistic as the study of Language Systems.

### 2. **Saussurean Thought:**

Saussurean Tradition in Twentieth Century Linguistics, Saussurean Dichotomies: Synchrony vs. Diachrony; Langue vs. Parole; Syntagmatic vs. Paradigmatic Relations; Form vs. Substance; Nature of Linguistic Sign- In terms of its Value, Arbitrariness.

### 3. **Prague School:**

Basic Tenets of Prague School, Functionalism, Important Contributors: Roman Jakobson ,Trubetzkoy, Andre Martinet.

### 4. **Copenhagen School:**

Louis Hjelmslev's Theory of Language; Glossematics: Basic Assumption ; Role of Dependencies; Functions in Linguistic Theory ; Concept of the Linguistic Sign ; Form vs. Substance Content vs. Expression.

### 5. **American Structuralism :**

The beginning of American Structuralism: Boas, Sapir, BloomField; Behaviorism and its impact on BloomFieldian Theory; Post – BloomFieldian Structuralism in the works of Hockett and Harris; Tenets of American Structuralism

### **Readings:**

Beaugrande, R. De. 1991. *Linguistic Theory: The Discourse of Fundamental Works*. London: Longman Linguistic Library.

Bloomfield , L.1933. *Language* .New York: Rinehart and Winston.

Carroll, J.1953.*The Study of Language*. Cambridge : Harvard University Press.

Davis, P.W.1973.*Modern Theories of Language*.New Jersey:PrenticeHall,Inc.

Fries C.C.1961. 'Bloomfield School' in Mohrmann,Saumerfelt and Whatmough(ed.). *Trends in European and American Linguistic, 1930-1960*. Netherlands: Spectrum Publishers.

Harris R. 2001.*Saussure and his Interpreters*. Edinburgh: Edinburgh University Press.

Hymes,D.and F.John. 1975.*American Structuralism*.New York:Mouton Publishers.

Jones, K.L. 1980. "A Synopsis of Tagmemics ". In Edith A. Moravesik and Jessica R. Worth (eds.).*Syntax and Semantics* .Vol. 13.*Current Approaches to Syntax*. New York: Academic Press.

Joseph, J.E. Nigel Love, and Taylor, J. 2001. *Landmarks in Linguistic Thought*. New York: Routledge.

Joseph, J.E. 2002.*From Whitney to Chomsky: Essay in the History of American Linguistics*. Amsterdam: John Benjamin Publishing Company.

- Lepschy, C.G.1970. *A Survey of Structural Linguistics*.London, Faber and Faber.
- Malmberg,B. 1964.*New Trends in Linguistics: An Orientation* on Stockholm: Lund.
- Matilal, B.K.1990. *The Word and The World: India's Contribution to the Study of Language*.  
Delhi: Oxford University Press.
- Matthews,P. 2001. *A Short History of Structural Linguistics*. Cambridge: Cambridge University Press.
- Robey,D.(ed.).1973.*Structuralism: An Introduction* .Wolfson College Lectures, 1972.Oxford: Clarendon Press.
- Sapir, E.1921. *Language*. New York: Harcourt Brace.
- Saussure, F.De. 1879. “ Memoire on the Primitive System of Vowels in the Indo-European Languages”. In W.P. Lehmann (ed.). 1967. *A Reader 19<sup>th</sup> Century Historical Indo-European Linguistics*.Bloomington : Indiana University Press.
- Saussure, F.De. 1916. *A Course in General Linguistics*,1966. New York: McGraw Hill Book Co.
- Steiner,P.(ed.). 1982. *The Prague School: Selected Writings,1929-1946*. Austin: University of Texas Press.
- Waterman, J.T. 1963.*Perspectives in Linguistics*.Chicago: The University of Chicago Press

### **C-201: Introduction to Sociolinguistics**

1.     **Sociolinguistics and the Sociology of Language :**  
Study of language in social context : some basic methodological issues; Relationship between Language and Society; Micro- and Macro-Sociolinguistics ; Sociolinguistics and related disciplines. Concept of “Communicative Competence”.
  
2.     **Language Variation :**
  - a] ‘Language’ and ‘Dialect’ controversy; Regional variation and Social variation, Styles and Registers; Sociolinguistic Variables.
  - b] Speech Communities :Problems of definition, Intersecting Communities Networks and Language Repertoires;
  - c] Levels of Variation , Variable rules and their limitations;
  - d] Consequences of Variation in Multilingual Societies
  - e] Variation and Language Change

### **3. Bilingualism & Multilingualism:**

**a) Individual and societal aspects of multilingualism; Major types of bilingualism**

**b) Patterns of Language use in a multilingual society, Diglossia and Bilingualism,**

**Issues of language maintenance and language shift , Questions of language policy**

**in multilingual societies;**

c] Linguistic Aspects : Contact and Convergence ; Borrowing and Interference; Code-mixing and Code-switching; Pidgins and Creoles

d] Social Psychological and Pedagogical Aspects : Language & Identity; Attitudes and Stereotypes; Problems of Minorities and Immigrants. e]India as a Sociolinguistic area.

### **4. Language , Culture and Thought:**

Concepts of Linguistic Relativity and Linguistic Determinism , Sapir-Whorf Hypothesis. Recent Developments in Ethnolinguistic & Ecolinguistic Studies.

#### **Readings :**

Appel, R. and P. Muysken . 1987. *Language Contact and Bilingualism*. London : Edward Arnold.

Austin, Peter K. and Sallabank, Julia. 2011. *The Cambridge Handbook of Endangered Languages*. Cambridge: Cambridge University Press.

Baetens Beardsmore, H. 1982. *Bilingualism : Basic Principles*. Avon, England : Multilingual Matters Ltd.

Burling, R. 1970 . *Man's many voices : Language in its cultural context*. New York : Holt, Rinehart and Winston.

Bybee, Joan. 2010. *Language, Usage and Cognition*. Cambridge: Cambridge University Press.

Cameron, D. 1992. *Feminism and Linguistic Theory*. London : Macmillan.

Chambers, J.K. 1995. *Sociolinguistic Theory* . London : Blackwell.

Chambers, J.K., P. Trudgill, and N. Schilling-Estes, (eds.).2002. *The Handbook of Language Variation and Change*. Oxford : Blackwell Publishers Ltd.

Coates, J. and Deborah, C. (eds.) 1988. *Women in their Speech Communities* . London : Macmillan.

- Coates, J. 1993. *Women, Men and Language* . London : Longman.
- Coupland, L., Sarangi, S., and Candlin, C.. 2001. *Sociolinguistics and Social Theory*. Essex : Pearson.
- Crystal, David. 2000. *Language Death*. Cambridge: Cambridge University Press.
- , 2009. *The Future of Language*. New York: Routledge.
- Daswani, C.J.(ed.). 2001. *Language Education in Multilingual India*. New Delhi : UNESCO.
- Dittmar, N. 1976. *Sociolinguistics* . London : Edward Arnold.
- Downes, W. 1984. *Language and Society*. London : Fontana.
- Edwards, John. 2009. *Language and Identity* . New York: Cambridge University Press.
- Fasold, R.1984. *Sociolinguistics of Society* . Oxford : Basil Blackwell.
- 1990. *Sociolinguistics of Language : Introduction to Sociolinguistics* .Blackwell : Oxford.
- Ferguson, C.A., 1971. *Language Structure and Language Use*. Stanford: Stanford University Press.
- Fishman, J.A. 1972. *Readings in the Sociology of Language*. Stanford University Press, 1972.
- Fill, A. and P. Muhlhausler (eds.) 2001. *The Ecological Reader : Language , Ecology and Environment*. London and New York : Continuum.
- Gardner-Chloros, Penelope. 2009. *Code-switching*. New York: Cambridge University Press.
- Giglioli, P. P. 1972. *Language and Social Context*. Harmondsworth: Penguin.
- Gumperz J., 1971. *Language in Social Groups*. Stanford: Stanford University Press.
- Gumperz, J. J. and D. Hymes. 1972. *Directions in Sociolinguistics*, New York : Holt, Rinehart and Winston.
- Gumperz, J. (ed.) 1982. *Language and Social Identity* . Cambridge : Cambridge University Press.
- Gumperz, J. and S.S. Levinson . (eds.) 1996. *Rethinking Linguistic Relativity*. Cambridge : Cambridge University Press.

- Hamers, J. F. and M.H. Blanc. 1983. *Bilinguality and Bilingualism*. Cambridge : Cambridge University Press.
- Hudson, R.A. 1979 *Sociolinguistics*. Cambridge : Cambridge University Press.
- Hymes, D. (Edt.).1964. *Language in Culture and Society* . New York : Harper and Row.
- (Edt.).1974a. *Pidginization and Creolization of Language*. Cambridge : Cambridge University Press.
- , 1974b. *Foundations of Sociolinguistics :An Ethnographic Approach*. Philadelphia : University of Pennsylvania Press.
- Joseph, J.E., Love, N. & Taylor, T.J. 2001. *Landmarks in Linguistic Thought : The Western Tradition in the Twentieth Century*.London : Routledge.
- Khubchandani, L.M. 1983. *Plural Languages, Plural Cultures* . Honolulu : University of Hawaii Press.
- Labov , W., 1972. *Sociolinguistic Patterns*. Philadelphia : University of Pennsylvania Press.
- Lee, D. 1992. *Competing Discourses : Perspective and Ideology in Language* . London : Longman.
- Leavitt, John. 2011. *Linguistic Relativities*. New York: Cambridge University Press.
- Maguire, Warren and McMahon, April. 2011. *Analysing Variation in English*.New York: Cambridge University Press.
- Mesthrie, R., L. Swann , A. Denmert , & M.L. William. 2000. *Introducing Sociolinguistics*. Edinburgh : Edinburgh University Press.
- Meyerhoff, Mirium. 2006. (2<sup>nd</sup> Edition, 2012.) *Introducing Sociolinguistics*. New York : Routledge.
- Mills, S. (ed.) 1995. *Language and Gender : Interdisciplinary Perspectives*.London : Longman.
- Mills, Sara and Mullany, Louise. 2011. *Language, Gender and Feminism : Theory, Methodology and Practice*. London & New York : Routledge.
- Newmeyer, F.J.(ed.) 1988. *Linguistics : The Cambridge Survey*. Vol. IV. Cambridge : Cambridge University Press.
- Pandit, P.B. 1972 . *India as a Sociolinguistic Area*. Pune : University of Poona.



- Pattanayak, D.P. (Edt.).1990. *Multilingualism in India*. Clevedon : Multilingual Matters Ltd.
- Pride, J.B. & Holmes, J. (eds.) 1972 . *Sociolinguistics* . Harmondsworth: Penguin.
- Romaine, S. 1989. *Bilingualism*. London : Basil Blackwell
- Sebba, M. 1997. *Contact Languages* . London : Macmillan.
- Skutnabb-Kangas, T. & J. Cummins (eds.) 1988. *Minority Education : From Shame to Struggle* . London : Multilingual Matters.
- Srivastava, R.N. 1994. *Bi/Multilingualism*. New Delhi : Kalinga. (Srivastava, B. ed.)
- Trudgill, P., (ed.) 1978. *Sociolinguistic Patterns in British English*. London : Edward Arnold.
- ,1974. *Sociolinguistics*. Harmondsworth : Penguin.
- , 1983. *On Dialects : Social and Geographical Perspectives*. Oxford : Basil Blackwell.
- Valdman, A. (ed.) .1977. *Pidgin and Creole Linguistics*. Bloomington : Indiana University Press.
- Wardhaugh, R. 1986. *An Introduction to Sociolinguistics* . Oxford : Blackwell .
- Weinreich, U. 1966. *Languages in Contact*. New York : Linguistic Circle & The Hague : Mouton.
- Williams, G. 1992. *Sociolinguistics* . London : Routledge.
- Winford, D. 2003. *An Introduction to Contact Linguistics*. Oxford : Blackwell .

### **C 202: Principles and Parameters Approach to Syntax**

This course is aimed at introducing to the students to the Principles and Parameters approach of generative grammar. The course trains the students especially in the Government and Binding Theory (GB) and the later developments in it.

The students are expected to have basic toolkit of morphosyntactic analysis, which will be theorised in this course.

- 1) **Goal of Linguistic Theory:** Knowledge of language, poverty of stimulus hypothesis, key properties of language (recursion), faculty of language. Modularity approach to grammar. Adequacies of the linguistic theory. Introduction to the notion of principles and parameters- unity and diversity in languages.
- 2) **The Lexicon:** Relationship of the grammar and the lexicon. Theta-theory- notion of theta-roles, theta-role assignment and theta-criterion. C-selection and S-selection. Projection Principle. Extended Projection Principle.
- 3) **The Phrase-structure:** Development of the X-bar theory- IP and CP, DP hypothesis. VP-shell. Extending the functional projections- TP, AgrPs. Extending the CP. VISH and UTAH.
- 4) **Case Theory:** Morphological and abstract case, structural and inherent case, case-assignment. Interaction of Theta and Case theories- Burzio's Generalization.
- 5) **Movement:** Move alpha- NP-movement and Wh-movement. Conditions on Movement- subjacency, locality, minimality. Trace theory.
- 6) **Binding Theory:** Interpretation of NPs, binding principles and binding domain.
- 7) **Empty Categories:** Non-overt categories in syntax. Empty categories- traces of NP and Wh movements, pro and PRO. Licensing of empty categories- Empty Category Principle and Control.
- 8) **Syntax-Semantics Interface:** Logical Form (LF), scope, quantifiers, operators and variables, reconstruction.

#### **Readings:**

- 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 North-Holland.
- 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.  
(2<sup>nd</sup> edition).

Hornstein, Norbert, Jairo Nunes & Keanthes K. 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.

**Journals:**

*Language*

*Lingua*

*Linguistic Inquiry*

*Linguistic Review*

*Natural Language and Linguistic Theory*

*Syntax*

---

**C203: Fundamentals of Formal Semantics**

This course seeks to introduce the basic conceptual and technical apparatus needed to do a formal analysis of meaning in natural languages.

The course does not assume any specific training in logic or linguistics on the part of the students.

**Basic concepts in Logic:**

1. **Set theory:** Concept of a set, types of sets, set-operations, set-theoretic equalities.
2. **Relations and Functions:** Ordered pairs, cartesian products, relations, functions, composition, reflexivity, symmetry, transitivity, connectedness, properties of inverses and complements, equivalence relations and partitions.
3. **Propositional Logic:** Sentence-functors and truth-functors, connectives, truth values and truth tables, properties of semantic entailment, semantics of propositional logic, truth functions, coordinating and subordinating connectives.
4. **Predicate Logic:** Quantification, Quantifier rules, Logical scope.

### **Logic for Natural Languages:**

5. **Compositionality:** Compositional account of propositional and predicate logic, natural language and compositionality.
6. **Lambda Abstraction:** Type theory, lambda abstraction, lambda calculus, linguistic applications.
7. **Generalized Quantifiers:** Determiners and quantifiers, conditions and quantifiers, determiners as relations, context and quantification, linguistic applications.
8. **Intensionality:** Frege's two problems – identity statements & informative identity statements, forms of opacity, indices and accessibility relations, linguistic applications.

### **Readings:**

- Barwise J & Etchemendy J 1999. *Language Proof & Logic* California: CLSI Publications
- Carpenter B. 1997. *Type-Logical Semantics* Cambridge: MIT press.
- Gamut L.T.F. 1991. *Logic Language and Meaning* Vol 1 & 2, Chicago: The University of Chicago Press.
- Hodges Wilfred 2001. *Logic* Penguin Books 2<sup>nd</sup> edition.
- Partee B, Meulen A & Wall R 1990. *Mathematical Methods in Linguistics* Dordrecht: Kluwer Academic Publishers.

## **E-204: Media Semiotics**

1. **Media: The Semiotic Approach**  
Sign systems, Components of the Sign, Verbal and Non-verbal Signs, Sequence of Linguistic Signs, Visual Signs, Denotation, Connotation and Myth, Myth and Social Meanings, Myth and Ideology.
2. **Advertisements**  
The Advertising Business, Ideology in Ads, Ideology of Ads, The Semiotic Critique of Ads, Decoding Advertisements.
3. **Magazines**  
The Magazine Business, The Reading Subject, Address and Identity, The Limits of the Imaginary, Women's Magazines, Myths of Femininity,

#### 4. **News Papers & Television**

News in News Papers and TV:

The News Paper Business, News value, News Discourse, Headlines, Graphics, & photographs in the News, News Paper Readers.

News in the TVschedule, Mythic Meanings in TV News, Structure of TV News, Visual Signs in TV News, Myth and Ideology in TV News.

Television Signs and Codes, Television Narrative and Ideology, Viewers' Involvement and positioning, Polysemic Television and Multiaccentuality.

#### 5. **Cinema**

Cinematic Semiosis: Film signs and codes, Film narrative, Film Genre, Cinema Spectatorship.

#### **Readings :**

Allen, R. (ed.) . 1992. *Channels of Discourse, Reassembled* . London : Routledge.

Alvarado, M. and Thompson, J. (Edt.) .1990. *The Media Reader*. London : BFI.

Andrew, D. 1984. *Concepts in Film Theory*. Oxford: Oxford University Press.

Ballaster, R.M., Frazer, Beetham E., and Hebron, S. 1991. *Women's Worlds: Ideology, Femininity, and the Women's Magazine*. London: Macmillan.

Barthes, Roland. 1957/1987 . *Mythologies* . New York : Hill and Wang.

----- 1977. *Image- Music- Text* . London : Fontana.

Berger, Arthur Asa. 1998. *Media Analysis Techniques*. London , New Delhi : Sage Publications.

Bignell, Jonathan. 1997. *Media Semiotics : An Introduction*. Manchester : Manchester University Press.

Branston, G. and Stafford, R. 1996. *The Media Student's Book*. London: Routledge.

Carter, R. and Nash, W. 1990. *Seeing Through Language*. Oxford: Blackwell

Chandler, Daniel. 2002. *Semiotics : The Basics* . London : Routledge.

Cook, G. 1992. *The Discourse of Advertising*. London: Routledge.

- Corner, J. 1995. *Television Form and Public Address*. London: Edward Arnold.
- Danesi, Marcel. 2000. *Encyclopedic Dictionary of Semiotics, Media and Communications*. Toronto: University of Toronto Press.
- 2002. *Understanding Media Semiotics*. Bloomsbury, USA & Hodder Education Publishers.
- Deely, John. 1990. *Basics of Semiotics*. Bloomington & Indianapolis : Indiana University Press.
- Van Dijk, T. 1988. *News as Discourse*. Hillsdale: Erlbaum.
- Eco, Umberto. 1976. *A Theory of Semiotics*. Bloomington : Indiana University Press.
- 1994. *The Limits of Interpretation* . Bloomington : Indiana University Press.
- Fiske, J. 1987. *Television Culture*. London: Routledge.
- Fiske, J. 1990 (Second Edition). *Introduction to Communication Studies*. London and New York : Routledge.
- Foucault, Michel. 1994. *Aesthetics : Method and Epistemology*. Ed. James Faubion. London : Penguin Books.
- Fowler, R. 1991. *Language in the News: Discourse and Ideology in the Press*. London: Routledge.
- Gibbs, R.W. Jr. 1994. *The Poetics of Mind : Figurative Thought , Language and Understanding* . Cambridge : Cambridge University Press.
- Goddard, A. 1998. *The Language of Advertising*. New York: Routledge.
- Goldman, R. 1992. *Reading Ads Socially*. London: Routledge.
- Guiraud, P. 1975. *Semiology*. Trans. George Gross. London : Routledge and Kegan Paul.
- Hall, S.D., Lowe , Hobson, A., and Willis, P. 1980. *Culture, Media, Language*. London: Hutchinson.
- Hartley, J. 1982. *Understanding News*. London: Methuen.
- Hervey, Sandor. 1982. *Semiotic Perspectives* . London : George Allen and Unwin.

- Hodge, R. and Kress, G. 1988. *Social Semiotics*. New York : Cornell University Press.
- Innis, R.E. 1985. *Semiotics : An Introductory Reader*. London : Hutchinson.
- Jensen, Klaus Bruhn. 1995. *The Social Semiotics of Mass Communication*. London : Sage.
- Kress, Gunther and Theo van Leeuwen . 1996. *Reading Images : The Grammar of Visual Design*. London : Routledge.
- 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.
- Mc Loughlin, Linda. 2000. *The Language of Magazines*. London and New York : Routledge.
- Mertz, E. and R.J. Parmentier . (eds.) .1985. *Semiotic Mediation : Sociocultural and Psychological Perspectives*. London : Academic Press Inc.
- Metz, C. 1974. *Language and Cinema*. (trans. D. Umiker Sebeok). The Hague: Mouton.
- Miall, D.S. (ed.) 1982. *Metaphor : Problems and Perspectives*. Sussex : The Harvester Press.
- Monaco, J. 1981. *How to Read a Film*. Oxford: Oxford University Press.
- Noth, W. 1995. *Handbook of Semiotics* . Bloomington : Indiana University Press.
- Ortony, A.(ed.) 1980. *Metaphor and Thought* . Cambridge : Cambridge University Press.
- Parret, Herman. 1983. *Semiotics and Pragmatics*. Amsterdam : John Benjamins.
- Peirce, C.S. 1931-58. *Collected Writings* . (8 Vols.). Eds. C. Hartshorne , P. Weiss and Arthur W. Burks. Cambridge, Mass. : Harvard University Press.
- Petofi, Janos S. (ed.) 1988. *Text and Discourse Constitution : Empirical Aspects, Theoretical Approaches*. Berlin and New York : Walter de Gruyter.
- Saussure, Ferdinand de . 1916/1974. *Course in General Linguistics*. Trans. Wade Baskin. London : Fontana/ Collins.

- Scholes, R. 1982. *Semiotics and Interpretation*. New Haven : Yale University Press.
- Sebeok, T.A. 1994. *Signs : An Introduction to Semiotics*. Toronto : University of Toronto Press.
- Sebeok, T.A. , and M. Danesi. 2000. *The Forms of Meaning : Modeling Systems Theory and Semiotic Analysis* . Berlin : Mouton de Gruyter.
- Sebeok, T.A. 2001. *Global Semiotics*. Bloomington : Indiana University Press.
- Stam, R., Burgoyne, R., Flitterman-Lewis, S. 1992. *New Vocabularies in Film Semiotics: Structuralism, Post-Structuralism and Beyond*. London: Routledge.
- Strinati, D. and Wagg, S. (Edt.). 1987. *Come on Down? Popular Media, Culture and Post-war Britain*. London: Routledge.
- Turner, G. 1993. *Film as Social Practice*. London: Routledge.
- White, R. 1988. *Advertising: What It Is and How To Do It*. London: McGraw Hill.
- Williamson, Judith. 1978. *Decoding Advertisements : Ideology and Meaning in Advertisement*. London : Marion Boyars Publishers Inc.
- 

## **E205: Language, Power and Inequality**

This course seeks to introduce a critical perspective on the interrelationship between language, power and inequality. This interrelationship would be introduced through categories like minority languages, gender and class.

- 1. Language Ecology & Endangerment:** Language vitality, economic power of languages, notion of killer language, possibility of linguistic genocide, notion of minority languages, problems of minorities and immigrants, strategies for language maintenance and language development.
- 2. Language and Gender:** Definition(s) of gender, conceptualizing language and gender relationship: deficit, dominance, difference theory. Approaches to language and gender: variationist, interactional, critical pragmatics, critical discourse perspectives, Goffman's notion of gendered speech.
- 3. Language and Class:** Definition(s) of social class, relationship between class and caste, controversy regarding existence of caste dialects. Approaches to language and social class: variationist, interactional, ethnographical, Bernstein's correlation between code and social class, dialogic, language as hegemony, critical pragmatics, critical discourse perspectives.



4. **Language and Power and Inequality:** Role of speech in the production and reproduction of inequality, social construction of self through language, language as hegemony, language as tools of oppression and manipulation, language as emancipation, relationship between social interaction and social structure.

**Readings:**

- Aikhenvald, Alexandra Y. 2002. Language obsolescence: Progress of decay? The emergence of new grammatical categories, in *Language death, language endangerment and language maintenance* ed. by David Bradley and Maya Bradley. London: Routledge/Curzon. 144-155.
- Besnier, Niko. 2007. Language and gender research at the intersection of the global and the local. *Gender and Language* 1(1): 67-78.
- Bourdieu, Pierre. 1977. The economics of linguistic exchanges. *Social Science Information* 16(6):645-668.
- Cameron D. (1995) *Verbal Hygiene (The Politics of Language)*. NY: Routledge.
- Connell, Bruce. 2002. Phonetic/phonological variation in language contraction. *International Journal of the Sociology of Language* 157:167-185.
- Dorian, Nancy C. 1993. Discussion note: A response to Ladefoged's other view of endangered languages. *Language* 69: 575-579.
- Dementi-Leonard, Beth and Perry Gilmore. 1999. Language revitalization and identity in social context: A community-based Athabascan language preservation project in western interior Alaska. *Anthropology & Education Quarterly*. 30(1) 37-55.
- Dorian, Nancy C. 2002. Commentary: Broadening the rhetorical and descriptive horizons in endangered-language linguistics. *Journal of Linguistic Anthropology* 12(2) 134-140.
- Eckert, Penelope. 2008. Variation and the indexical field. *Journal of Sociolinguistics* 12: 453-476.
- Eckert, Penelope and Sally McConnell-Ginet. 1992. Think practically and look locally: Language and gender as community-based practice. *Annual Review of Anthropology* 21: 461-488.
- Eisenlohr, Patrick. 2004. Language revitalization and new technologies: Cultures of electronic mediation and the refiguring of communities. *Annual Review of Anthropology* 21-45.

- Errington, Joseph. 2003. Getting language rights: The rhetorics of language endangerment and loss. *American Anthropologist* 105(4):723-732.
- Fishman, J. A. 1991. *Reversing language Shift: Theory and Practice of Assistance to Threatened Languages*. Clevedon : Multilingual Matters.
- Fishman, J. A. (ed.) 2001. *Can Threatened Languages Be Saved? Reversing Language Shift, Revisited: A 21st Century Perspective*. Clevedon : Multilingual Matters.
- Gramsci, Antonio 1971. *Selections from the Prison Notebooks*. International Publishers.
- Gramsci, A. 2000. *The Antonio Gramsci Reader* edited by Forgacs D. NY: New York University Press
- Grenoble, L. A. and Whaley, L. J. 1998. *Endangered Languages: Language Loss and Community Response*. Cambridge University Press.
- Hale, Kenneth, Colette Craig, Nora England, Laverne Jeanne, Michael Krauss, Lucille Watahomigie and Akira Yamamoto. 1992. Endangered Languages, *Language* 68:1-42
- Hall, Kira. 2005. *Intertextual sexuality: Parodies of class, identity, and desire in liminal Delhi*. *Journal of Linguistic Anthropology* 15(1): 125–144.
- Hinton, Leanne, 2003. *Language revitalization*. Annual review of applied linguistics.
- Hinton, L., & Hale, K. (Eds.). 2001. *The green book of language revitalization in practice*. San Diego: Academic Press.
- Hymes D. 1973. Speech and Language: Origin of Inequality amongst speakers, *Daedalus* Vol. 102 No. 3, Summer, 1973, Language as a Human Problem. The MIT Press.  
<http://www.jstor.org/stable/i20024138>
- Hymes D. 1974. *Foundations in Sociolinguistics: An Ethnographic Approach*, Philadelphia: University of Pennsylvania Press.
- Hymes D. 1996. *Ethnography, Linguistics, Narrative Inequality: Toward an Understanding of Voice*, London: Taylor & Francis.
- Ives Peter 2000). *Gramsci's Politics of Language: Engaging the Bakhtin Circle and the Frankfurt School*. Toronto: University of Toronto Press.
- Ives Peter 2004. *Language and Hegemony in Gramsci*. London: Pluto Press/Fernwood.
- Ives Peter 2010. *Gramsci Language and Translation* Lexington Books Rowman and Littlefield Publishers.

- Janet Holmes and Miriam Meyerhoff (eds.), 2003. *The handbook of language and gender*.  
Malden: Blackwell Publishing
- Ladefoged, Peter. 1992. Discussion note: Another view of endangered languages. *Language* 68:  
809-811.
- Labov W. 1972. *Sociolinguistic Patterns*. Philadelphia: University of Pennsylvania Press.
- Labov W. 1972. *Language in the Inner City*. Philadelphia: University of Pennsylvania Press.
- Labov W. 2001 *Principles of Linguistic change*. Volume I &II Oxford: Blackwell,
- Labov W. 2001. *Studies in Sociolinguistics by William Labov*. Beijing: Beijing Language and  
Culture.
- Lemert Charles & Branaman A. (ed.) 1997. *The Goffman Reader*. Oxford: Blackwell.
- Macaulay, Ronald K.S. 2005. *Talk that counts: Age, gender, and social class differences in discourse*.  
Oxford: Oxford University Press.
- Mey Jacob 1985. *Whose Language? A study in Linguistic Pragmatics*. Pragmatics and Beyond  
Companion Series 3. John Benjamins B.V.
- Mey Jacob 2001. *Pragmatics: An Introduction*. Oxford: Blackwell.
- Mills S. and Mullany L. 2011. *Language, Gender and Feminism*. NY: Routledge.
- Mooney A, Peccei J, Labelle S. et. all 2001. *The Language, Society and Power Reader*. NY:  
Routledge.
- Nettle, D. and Romaine, S. 2000. *Vanishing Voices*. Oxford University Press.
- Nonaka, Angela M. 2004. The forgotten endangered languages: Lessons on the importance of  
remembering from Thailand's Ban Khor Sign Language. *Language in Society* 33:737-  
767.
- Reyhner, J. (ed.) 1999. *Revitalizing indigenous languages*. Flagstaff, AZ : Northern Arizona  
University, Center for Excellence in Education.
- Rindstedt, Camilla and Karin Aronsson. 2002. Growing up monolingual in a bilingual  
community: The Quichua revitalization paradox. *Language in Society*. 31:721-742.
- Santucci, Antonio A. 2010. *Antonio Gramsci*. Monthly Review Press.
- Skutnabb-Kangas T 2008. *Linguistic Genocide in Education – or Worldwide Diversity and  
Human Rights?* Delhi: Orient Blackswan.

- Warner, Sam L. No' eau. 1999. Kuleana: The right, responsibility and authority of indigenous peoples to speak and make decisions for themselves in language and cultural revitalization. *Anthropology & Education Quarterly* 30(1):68-93.
- UNESCO Ad Hoc Committee on Endangered Languages, Language vitality and endangerment: By way of introduction. UNESCO document.
- Van Dijk T.A. 2011. *Discourse Studies*. London: Sage Publications.
- Voloshinov, V. 1986. *Marxism and the Philosophy of Language*. Trans. by Matejka L. & Titunik I. Seminar Press in liason with Harvard University Press and Academic Press Inc. 1973.
- Wolfram, Walt and Natalie Schilling-Estes. 1995. Moribund dialects and the endangerment canon: The case of the Ocracoke brogue. *Language* 71(4):696-721.
- Wub-e-ke-niew. 1995. *We have a right to exist: A translation of aboriginal indigenous thought*. New York: Black Thistle Press.
- Yang, Jie. 2010. The crisis of masculinity: Class, gender, and kindly power in post-Mao China. *American Ethnologist* 37(3): 550 - 562.

## **E206: Schools of Linguistic Thought - II**

### **1. Tagmemics:**

K.L. Pike's theory of Language: The Concepts of Particle, Wave and Field in Language Analysis; Tagmemic Analysis at the Levels of Phonology, Morphology and Syntax.

### **2. Systematic Functional Grammar:**

MAK Halliday's Theory of grammatical categories :Levels of Language : Form , Substance and Situation ; Chain and Choice ; Grammar: Structure ,Unit, Rank, System , Delicacy and Realization ; Lexis ;Phonology; Graphology

### **3. Firth's Theory of Language:**

Firth's Ideas on Language and Context: Speech Events: Form-Meaning Correspondence; Communication: Comprehension in Context of Situation; Meaning: Linguistic Form in Context.

#### 4. Wittgenstein's Theory of Language:

Language as Symbolic Representation ; Relation Between Utterance and Thought ; The Function of Ostensive Definition ; The Properties of a Proposition ; The Meaning of Mental Terms; Relationship between Word meaning and Sentence Meaning and its Use; Language and Cultural Forms of Life ; Language Games.

#### Readings:

Berry, M.1975.*Introduction to Systemic Linguistic I: Structure and Systems*. London : B.T. Batsford Ltd.

Berry, M.1977.*Introduction to Systemic Linguistic II: Levels and Links. Structure and Systems*.London: B.T. Batsford Ltd.

Brend, R.M. and K.L. Pike (eds.).1976.*Trends in Linguistic Studies and Monographs II: Tagmemics Theoretical Discussion (VOL-II)*. The Hauge: Mouton

Brend, R. M. 1974. *Advances in Tagmemics*. Amsterdam: North Holland Publishers.

Cook, W.A. 1969. *Introduction to Tagmemic Analysis*.NewYork: Holt, RineHartAnd Winston

Dirven , R. and V.Fried.(ed.).1987. *Functionalism in Linguistics (Linguistic & Literary Studies in Europe,Volume 20)*.Amsterdam: John Benjamin`s Publishing Co.

Firth. J.R.1957a *Papers in Linguistics 1934 -1951*.Oxford:Oxford University Press.

Firth,J.R. 1957b *Studies in Linguistic Analysis (Special Volume of the Philosophical Society)*.Oxford: Blackwell.

Firth J.R. 1968.*The Tongues of Men and Speech*.(ed.F.R.Palmer).London: Longman

Halliday,M.A.K.1961."Categories of the Theory of the Grammar".In Word, 17.

Harris, R. 1988. *Language, Saussure and Wittgenstein: How to play Games with Words*. London: Routledge.

Hockett, C.F.1958. *A Course in Morden Linguistics*.NewYork: McMillan.

Jakobson , R.1942.*Six Lectures on Sound and Meaning*.Translated by John Mephram. 1978.Sussex:The Harvester Press.

Jakobson R.1979. "The Twentieth Century in European and American Linguistics: Movements and Continuity". In H. Hoenigeswald (ed.). *The European background of American Linguistics*. Forest: Dordrecht . pp. 161-174.

Joos, M. (ed.).1963.*Reading in Linguistics*. New York : American Council of Learned Societies..

McLay,H. 1971. "Overview". In Steinberg Jakobvits(eds.). *Semantics: An Interdisciplinary Reader in the Philosophy, Linguistics Psychology*. Cambridge: Cambridge University Press.

Robins, R.H. 1967. *A Short History of Linguistics*.London.Longman

Wittgenstein.L. 1953.*Philosophical Investigations*. Oxford: Blackwell.

## **E 207: Indian Grammatical Theories**

The aim of this course is to introduce the students to the development of linguistic though in ancient and medieval India, as some of these developments have influenced the modern linguistic thought.

- 1) **A Brief Overview of Language Studies in Ancient India:** Approaches to language-Grammatical tradition, Poetics, Philosophy.
- 2) **Phonetics in Ancient India:** Pāṇinīya Śikṣā, categories of classification and description of speech sounds.
- 3) **Theories of Grammar:** Introduction to Pāṇinian grammatical tradition- Pāṇinī's predecessors, structure of Aṅgādhyāyī, sūtra-format, concept of a rule and treatment of exceptions, meta-language of Pāṇinī, kāraka theory, an overview of Pāṇinī's successors- Patañjali, Kātyāyana.
- 4) **Theories of Meaning:** Nyāya and Mīmāṃsā traditions- Bhaṅga and Prabhākara, The Buddhist philosophers- Diṅnaga and Dhammakīrti. Bhartṛhari's Sphoṭa-vāda. Meaning in Poetics- literal and metaphorical meanings.
- 5) **Impact of the Indian Grammatical Tradition on Modern Linguistic Thought**

### **Readings:**

Bhate, Saroja & Johannes Bronkhorst. 1997. *Bhartṛhari: Philosopher and Grammarian*. Delhi: Motilal Banarasidass.

Cadona, George. 1980. Pāṇinī: *A Survey of Research*. Delhi: Motilal Banarasidass.

Cardona, George. 1997. Pāṇinī: *His Work and Its Traditions*. Delhi: Motilal Banarasidass. (2<sup>nd</sup> Edition)

- Katre, S.M. 1989. *Aṅgādhyaī of Pāṇini*. (English Translation). Delhi: Motilal Banarasidass.
- Kelkar, Ashok, R. 2004. 'What Has Bhartrhari Got to Say on Language?', in Sibajiban Bhattacharya. (ed). *Word and Sentence: Two Prespective- Bhartrhari and Wittgenstein*. New Delhi: Sahitya Akademi. Pp.78-103.
- Kunjunni Raja, K. 1969. *Indian Theories of Meaning*. Madras: Adyar Library and Research Centre.
- Subramania Iyer, K.A. 1965. *The Vākyapadīya of Bhartrhari with the Vṛtti*, chapter I. (English Translation). Pune: Deccan College P.G. & R.I.
- Mahulkar, D.D. 1990. *Pre-Paninian Linguistic Studies*. Delhi: Northern Book Centre.
- Matilal, B.K. 1990. *The Word and the World: India's Contribution to the Study of Language*. New York: Oxford University Press.
- Matilal, B.K. 2002. *Mind, Language & World*. New York: Oxford University Press.
- Subramania Iyer, K.A. 1969. *Bhartrhari: A Study of Vākyapadīya in the light of the ancient commentaries*. Pune: Deccan College P.G. & R.I.
- Subramania Iyer, K.A. 1971. *The Vākyapadīya of Bhartrhari*, Chapter III, part I. (English Translation). Pune: Deccan College P.G. & R.I.
- Subramania Iyer, K.A. 1974. *The Vākyapadīya of Bhartrhari*, Chapter III, part II. (English Translation with Exegetical Notes). Delhi: Motilal Banarasidass.
- Subramania Iyer, K.A. 1977. *The Vākyapadīya of Bhartrhari, Kāṇva II*. (English Translation with Exegetical Notes). Delhi: Motilal Banarasidass.
- Vasu, S.C. 1962. *The Siddhāntakaumudī of Bhaṅgī Dīkṣita, vol 1 & 2*. Delhi: Motilal Banarasidass. (2<sup>nd</sup> Edition)

**Journals:**

*Journal of Indian Philosophy*.

---

**C301: Introduction to Pragmatics**

This course seeks to introduce the study of *language in action* i.e. action inherent in an encoded proposition. It is concerned with ideas about language-use.

This course does not presuppose any knowledge of linguistics though some exposure to linguistics would be useful for the course.

1. **Defining Pragmatics:** Definition and delimitation of pragmatics, semantics/pragmatics distinction, use of pragmatics, some issues in pragmatics.
2. **Context, Implicature & Reference:** Notion of *context*, context and convention, implications and implicature, types of implicature, reference and anaphora.
3. **Presupposition and Entailment:** Presupposition, types of presupposition, the projection problem, ordered entailments, semantic and pragmatic presupposition.
4. **Pragmatic Principles:** The Communicative Principle, The Cooperative Principle, Politeness Principle. Developments in Gricean Theory: Horn's Q-principle & R-principle; Relevance theory – Principle of Relevance.
5. **Speech Acts & Events:** Functioning of speech acts, Illocutionary Force Indicating Devices (IFIDs), felicity conditions, the performative hypothesis, classification of speech acts, indirect speech acts, speech events.
6. **Conversation and Preference Structure:** Conversational Analysis; turns and turn-taking; pauses, overlaps and back-channels, sequences, preference, cohesion and coherence.

### **Readings:**

- Austin J.L. 1975. *How to do things with words*. William James Lectures. 2<sup>nd</sup> ed. Oxford: Oxford University Press.
- Blakemore D. 1992. *Understanding Utterances: An Introduction to Pragmatics*. Oxford: Blackwell.
- Davis S. 1991. *Pragmatics: A Reader*. Oxford: Oxford University Press.
- Davis W. 1998. *Implicature*. Cambridge: Cambridge University Press.
- Grice P. 1989 *Study in the way of words*. U.S.: Harvard University Press.
- Grundy P. 2008. *Doing Pragmatics*. London: Hodder Education, Hachetter Livre.
- Horn L. & Ward G. 2004. *The Handbook of Pragmatics*. Oxford: Blackwell.
- Huang Y. 2007. *Pragmatics*. Oxford: Oxford University Press.
- Levinson S. 1983. *Pragmatics*. Cambridge: Cambridge University Press.
- Peccei J.S. 1999. *Pragmatics (Language Workbooks)*. London: Routledge.
- Sacks H. 1995. *Lectures in Conversation*. Vol. I-II. (Jefferson G. ed.). Oxford: Blackwell.



Sacks H, Schegloff E.A and Jefferson G. 1974. A simplest systematic for the organization of turn-taking in a conversation. *Language* 50(4): 696-735.

Schegloff E.A., Jefferson. G. and Sacks H. 1977. The preference of self correction in the organization of repair in conversation. *Language* 53: 361-82.

Searle J.R. 1969. *Speech Acts: An essay in philosophy of language*. Cambridge: Cambridge University Press.

Sperber D. & Wilson D. 1995. *Relevance: Communication and Cognition*. Oxford: Blackwell.

Yule G. 1996. *Pragmatics*. Oxford: Oxford University Press.

### **E 302: Advances in Principles & Parameters Approach**

This course introduces to the students the advances in the Principles & Parameters approach since 1995. The students are introduced to developments and concepts of the Minimalist approach to syntax.

The students are expected to be familiar with the early models such as Government and Binding of the P & P approach.

- 1) **‘Minimalism’ in Linguistic Theory:** Success of P & P approach and problems in the GB model. A brief history of the development of the Generative grammar- major concerns of the discipline. Beyond explanatory adequacy, minimalist assumptions regarding the Faculty of Language, levels of representations and interface levels.
- 2) **Levels of representations:** Eliminating DS and SS, eliminating Government. Case theory and theta theory in Minimalism, treatment of PRO.
- 3) **Structure building:** Derivational approach, bare phrase structure. Lexicon and numeration, notion of features, feature checking and checking domains. Operations Select, Merge and Move. Multiple Spell-out. Notion of a ‘Phase’. Elimination of Agr.
- 4) **Movement:** Copy theory of movement, Merge-over-Move, verbal morphology and head-movement, movement at LF and PF.
- 5) **Economy conditions:** Economy of representation- Full Interpretation. Economy of derivation- Procrastinate, Last Resort and Greed, Minimal Link Condition.
- 6) **Linearization:** Linear Correspondence Axiom and antisymmetry of syntax
- 7) **Syntax-semantics interface:** LF, scope, quantifier raising, reconstruction effects, binding theory.

## Readings:

- Adger, David. 2010. 'A Minimalist Theory of Feature Structure', in Anna Kibort & Greville G. Corbett. (eds.). *Features: Perspectives on a Key Notion in Linguistics*. New York: Oxford University Press. Pp.185-220.
- Boeckx, Cedric, Norbert Hornstein and Jairo Nunes. 2010. *Control as Movement*. New York: Cambridge University Press.
- Boeckx, Cedric. (ed.). 2011. *The Oxford Handbook of Linguistic Minimalism*. New York: Oxford University Press.
- Bošković, Željko & Howard Lasnik. (eds). 2007. *Minimalist Syntax: The Essential Readings*. Oxford: Blackwell Publishing.
- Chomsky, Noam. 2001. 'Derivation by Phase' in Michael Kenstowicz. (ed.). *Ken Hale: A Life in Language*. Cambridge: The MIT Press. Pp.1-52.
- Chomsky, Noam. 2004. 'Beyond Explanatory Adequacy', in Adriana Belletti. (ed.). *Structures and Beyond: The Cartography of Syntactic Structures, Vol. 3*. Oxford: Oxford University Press. Pp.104-131.
- Chomsky, Noam. 2006. 'On Phases', in Robert Freidin, Carlos Otero & Maria-Luisa Zubizarreta. (eds.). *Foundational Issues in Linguistic Theory*. Cambridge: The MIT Press. Pp.133-166.
- Corver, Norbert & Jairo Nunes. 2007. *The Copy Theory of Movement*. Amsterdam/ Philadelphia: John Benjamins.
- Lasnik, Howard & Juan Uriagereka (with Cedric Boeckx). 2005. *A Course in Minimalist Syntax: Foundations and Prospects*. Oxford: Blackwell Publishing.
- Martin, Robert, David Michaels & Juan Uriagereka. (eds). 2000. *Step by Step: Essays on Minimalist Syntax in Honor of Howard Lasnik*. Cambridge: The MIT Press.
- Ramchand, Gillian C. & Charles Reiss. 2007. *The Oxford Handbook of Linguistic Interfaces*. New York: Oxford University Press.
- Uriagereka, Juan. 1998. *Rhyme and Reason: An Introduction to the Minimalist Program*. Cambridge: The MIT Press.

## **Journals:**

*Language*

*Lingua*

*Linguistic Inquiry*

*Linguistic Review*

*Natural Language and Linguistic Theory*

*Syntax*

---

## **E303: Language and Philosophy**

This course seeks to introduce the students to philosophy of language through the notions of *Meaning*, *Sense* and *Reference*. The main focus of the paper will be twentieth century developments in our philosophical understanding of these terms.

This course does not presuppose any prior training in linguistics or philosophy though an exposure to a basic course in language and logic would be useful.

1. **Reference and Meaning:** Locke-Mill-Frege's views towards the problem of meaning and communication with special focus on proper names and objectivity of sense.
2. **Sense & Definite Descriptions:** Frege-Russell controversy regarding sense and reference: Frege's thesis on sense and semantic value, Russell on names & descriptions, Strawson and Donnellan's objection to Russell's formulation, current debates on definite descriptions.
3. **Sense and Verificationism:** The verification principle, Carnap on internal and external questions, logical positivism and ethical language.
4. **Scepticism about sense:**
  - i. Quine on analyticity and translation – attack on analytic/synthetic distinction, the argument of *two dogmas*, indeterminacy of translation;
  - ii. Kripke's Wittgenstein's sceptical paradox – the sceptical paradox & solution, argument against solitary language, objections to the sceptical solution. Responses to the sceptical paradox
5. **Sense and Truth:** Davidson's adequacy conditions for theories of meaning, intensional and extensional theories of meaning, Extensional adequacy and Tarski's convention, Tarskian truth-theories, problem of truth and translation in Davidson's approach, radical interpretation and principle of charity, holism and T-theorems.
6. **Meaning and Compositionality:** Compositionality in language, Horwich's view of compositionality, Higginbotham's perspective on truth and meaning, Pietroski's response to Horwich's view.

7. **Logical form and Grammatical Form:** Defining Logical Form, Semantic Structure and Logical Form, Logical Form of Action Sentences, Logical Form as a Level of Linguistic Representation.

**Readings:**

- Ayer A.J. (ed.) 1959. *Logical Positivism*. Glencoe, Illinois: Free Press.
- Davidson, D. 1984. *Essays on Truth and Interpretation*. Oxford: OUP.
- Davidson, D. 1985. "Adverbs of Action", in B. Vermazen and M. Hintikka, eds., *Essays on Davidson: Actions and Events*, Oxford: Clarendon Press.
- Donnellan K. 1966. Reference and definite descriptions. *Philosophical Review* 75, pages 281-304.
- Geach P. & Black M. (eds.) 1960. *Translations from the philosophical writings of Gottlob Frege*. Oxford: Oxford University Press.
- Gerhard Preyer, Georg Peter, ed. 2002. *Logical form and language*. Clarendon Press.
- Higginbotham James 1993. Grammatical Form and Logical Form. *Philosophical Perspectives*, Vol. 7, Language and Logic (1993), pp. 173-196, Ridgeview Publishing Company.  
<http://www.jstor.org/stable/2214121>
- Higginbotham, J., Pianesi, F. and Varzi, A. (eds.), 2000, *Speaking of Events*, Oxford: Oxford University Press.
- Hornsby J. and Guy L. 2006. *Reading Philosophy of Language*. Oxford: Blackwell.
- Horwich P. 1997. The Composition of Meanings. *Philosophical Review* 106: 503-32.
- Horwich P. 1998. *Meaning*. Oxford: Oxford University Press.
- Kripke S. 1980. *Naming and Necessity*. Oxford: Oxford University Press.
- Kripke S. 1982. *Wittgenstein on rules and private language*. Oxford: Oxford University Press.
- Ludlow P. (ed.) 1997. *Readings in Philosophy of Language*. Bradford Books. London: MIT Press.
- Miller A. 1998. *Philosophy of Language*. London: Routledge.
- Neale, S., 1993, *Grammatical Form, Logical Form, and Incomplete Symbols*. In A. Irvine & G. Wedeking, eds., *Russell and Analytic Philosophy*, Toronto: University of Toronto.
- Richard Mark Sainsbury 2001. *Logical forms: an introduction to philosophical logic*. Wiley-Blackwell.

Pietroski Paul 2009. Logical Form Stanford Encyclopaedia of Philosophy  
<http://plato.stanford.edu/entries/logical-form/>

Pietroski, P., 2004, *Events and Semantic Architecture*. Oxford: Oxford University Press.

Preyer G. and Peter G. (ed.) 2002. *Logical Form and Language*. Oxford: Oxford University Press.

Quine W.V.O. 1953. *From a logical point of view*. Cambridge: Harvard University Press.

Quine W.V.O. 1960. *Word and Object*. Cambridge Mass.: MIT Press.

Russell B. 1956. *Logic and Knowledge*. London: Routledge & Kegan Paul.

Strawson P.F. 1950. On referring, *Mind* 59, pages 320-44.

Online resource for the course: Stanford Encyclopaedia of Philosophy: <http://plato.stanford.edu>

## **E-304 : Stylistics & Discourse Analysis**

### **1. Stylistics and Style: A Historical Perspective and recent trends**

Ancient times, The Middle Ages, The New Age: The 20<sup>th</sup> Century Linguistic schools and their conceptions;

### **2. Main Concepts and Definitions**

The scope of stylistic study; The notion of language and literary style; Linguistic Patterning; Deviation from the code, Figurative Language; Stylistic Analysis and Literary Interpretation; Expressive Means and Stylistic Devices; Attempts at refutation of Style, Style as a notational term; Style as a linguistic Variation

### **3. Text Linguistics and Discourse Perspective**

Discourse and Literature; Discourse, Grammar and Interaction,; Discourse Semantics; Discourse and Cognition; Discourse Pragmatics; Discourse Semiotics ; Discourse and Context : A socio-cognitive Approach, Critical Discourse Analysis.

### **4. Application of Stylistic Techniques**

Poetry, Prose, Novels, Plays.

## Readings:

- Austin, Timothy, R. 1984. *Language Crafted: A Linguistic Theory of Poetic Syntax*. Bloomington: Indiana University Press.
- Barth-Weingarten, D. , Reber, Elizabeth, and Selting Margret (edt.). 2010. *Prosody in Interaction*. Amsterdam: John Benjamins Publishing Company.
- Bax, Stephen. 2011. *Discourse and Genre: Analysing Language in Context*. New York: Palgrave Macmillan.
- 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.
- Burton, D. 1982. *Dialogue and Discourse : A Sociolinguistic Approach to Modern Drama Dialogue and Naturally Occurring Conversation*. London: Routledge and Kegan Paul.
- Carter, Ronald (Edt.). 1982. *Language and Literature*. London: Allen and Unwin.
- Chatman, S. (Edt.) . 1967. *Literary Style: A Symposium*. London and New York: Oxford University Press
- Ching, M., Haley, M.,and Lingsford, R. 1980. *Linguistic Perspectives on Literature*. London: Routledge and Kegan Paul.
- Cook, Guy.1994.*Discourse and Literature*. Oxford: Oxford University Press.
- Crystal, David. 1998. *Language Play*. London: Penguin.
- Cummings, M. and 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.

- Van Dijk, Teun A. 2008. *Discourse and Context*. New York: Cambridge University Press.
- 2011. *Discourse Studies: A Multidisciplinary Introduction*. London: Sage Publications Ltd.
- 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, MAK. 1978. *Language as Social Semiotic: The Social Interpretation of Language and Meaning* . London: Edward Arnold.
- Haynes, J. 1989. *Introducing Stylistics*. London: Unwin Hyman.
- Leech, Geoffrey. 1969. *A Linguistic Guide to English Poetry*. London: Longman.
- Leech, Geoffrey and Michael H. Short. 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.
- Tompkins, Jane P. 1980. *Reader-Response Criticism: From Formalism to Post-structuralism*. Baltimore: John Hopkins University Press.
- Traugott, Elizabeth and Pratt, Mary Louise. 1980. *Linguistics for Students of Literature*. New York: Harcourt Brace Jovanovich.
- Toolan, Michael. 1998. *Language in Literature: An Introduction to Stylistics*. London: Hodder Arnold.
- Turner, G. W. 1973. *Stylistics*. Middlesex, England: Penguin.
- Weber, . Jean Jacques (Edt.). 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.
- Young, Robert (Edt.). 1981. *Untying the Text: A Post-structuralist Reader*. London and New York: Routledge & Kegan Paul.
- Yule, George and Brown, Gillian. 1983. *Discourse Analysis*. Cambridge: Cambridge University Press.



## **E- 305: Translation: Theory and Practice**

### **1. Defining Translation and discussing its Scope and Relevance**

a) In foreign Language Teaching, in Comparative Literature; in Cross-Cultural Studies; in Contrastive Linguistics. b) Translation as an Instrument of Linguistic, Cultural and Literary Criticism.

### **2. Theories of Translation:** The Contributions of Catford , Nida , Peter Newmark, & Susan Bassnett-Mc Guire.

### **3. Approaches to Translation:** Theory and Craft of Translation; Tools of Translation: Communicative and Semantic Translation; Translation and Transliteration; Full and partial translation; Total and Restricted; Rank-Bound and Unbounded Translation.

### **4. Nature of Meaning:** Types of Meaning: Associative: Situational, Pragmatic; Cognitive: Referential, Thematic, Linguistic, Implicit; Communicative: Illocutionary, Performative, Prognostic: The role of the Translator in the Transference of Meaning.

### **5. Issues of Translation:** The Dynamic Dimension of Communication; Principles of Correspondence; Loss and Gain; Problems of Equivalence , Untranslatability; the Linguistic, Stylistic and Cultural Factors; Meaning Variation .

### **6. Text Analysis:** Analysis of Text; Process of Translation; Language Functions; Text Categories and Text Types: Scientific and Technical; Legal, Administrative, Literary; Translation Methods: Translation of Literary Texts – Transcreation vs Translation.

## **Readings :**

Basnett-Mc Guire, S. & A.Lefevere. (eds.). 1990. *Translation History and Culture*. London : Punter.

Basnett-Mc Guire, 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 2<sup>nd</sup> 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* . Tubingen : Gunter Narr Verlag.
- 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, Rukmini Bhaiya (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 (eds.) . 1992. *Translation : An Interdiscipline*. Amsterdam : John Benjamins.
- Steiner, G. 1975. *After Babel: Aspects of Language and Translation*. London: Oxford University Press.
- Steiner, T. R. 1975. *English Translation Theory*. Amsterdam & Assen. Van: Gorcum.
- Talgeri, P. and S. B. Verma. (ed.). 1988. *Literature in Translation*. Mumbai: Popular Prakashan.

Toury, G. (ed.). 1987. *Translation Across Cultures*. New Delhi: Bahri Publications .

Toury, G. 1995 . *Descriptive Translation Studies and Beyond*.. Amsterdam : John Benjamins.

Venuti, Lawrence. 1995. *The Translator's Invisibility : A History of Translation*. London : Routledge.

Wilss, W. 1982. *The Science of Translation: Problems and Methods*. Tubingen: Gunter Narr.

-----

### **E 306: Educational Linguistics**

This course aims at understanding the role of language in education, both as a subject and as a medium of education; and the role linguistics can play in developing the practices of language teaching in school. It also aims at training the students to critically evaluate the existing policies and practices regarding language education, especially in a multilingual set up like India.

- 1) **Language and Education:** Functions of language- expressing, cognising and socializing. The role language in education: as a subject and as a medium. Spoken and written language, literacy.
- 2) **Language Education Policy:** The question of medium- rationale of mother-tongue education policy in pre-independence and post-independence India. Language education policy in multilingual settings- managing the multilingual experience of children in schools, three-language formula in India, the problems. Linguistic minorities and language education- tribal and minority languages in schools, linguistic rights, constitutional safeguards to linguistic minorities in India and the world, limitations of safeguards. Language education, language development and language endangerment. Role of English in language education in India.
- 3) **Language in Formal Education:** Language as a medium- practices of mother-tongue education, educating in a language and educating through a language, Basil Bernstein's studies. Teaching language as a subject- teaching L1 and teaching L2. Syllabus designing, testing, teacher training programmes.
- 4) **Language in Non-formal Education:** Adult literacy movements in India, experiments with language education in and outside schools.

## Readings:

- Allison, Desmond. 1999. *Language Testing and Evaluation: An Introductory Course*. Singapore: National University Singapore.
- Cooper, Robert, Elana Shahomy & Joel Walters. 2001. *New Perspectives in Issues in Educational Language Policy*. Amsterdam/ Philadelphia: John Bejamins.
- Coulmas, Florian. (ed). 1984. *Linguistic Minorities and Literacy: Language Policy Issues in Developing Countries*. The Hague: Mouton Publishers.
- Daswani, Chander (ed). 2001. *Language Education in Multilingual India*. New Delhi: UNESCO.
- Davies, Alan & Catherine Elder. 2006. *The Handbook of Applied Linguistics*. Oxford: Blackwell Publishing.
- Denham, Kristin & Anne Lobeck. (eds). 2010. *Linguistics at School: Language Awareness in Primary & Secondary Education*. Cambridge: Cambridge University Press.
- Dua, Hans Raj. 2001. *Science Policy, Education & Language Planning*. Mysore: Yashoda Publications.
- Halliday, M.A.K. 2007. *Language and Education, vol 9, Collected Works of M.A.K. Halliday*. London: Continuum International Publishing Group.
- Kumaravadivelu, B. 2006. *Beyond Methods: Macrostrategies for Language Teaching*. Delhi: Orient Longman.
- Larsen-Freeman, D. 2001. *Teaching Language: From Grammar to Gramming*. Boston, MA: Heinle & Heinle.
- NCERT. 2006. Position papers of the National Focus Group. Delhi: NCERT.  
[www.ncert.nic.in/rightside/links/focus\\_group.html](http://www.ncert.nic.in/rightside/links/focus_group.html)
- Purcell-Gates, Victoria. (ed.). 2007. *Cultural Practices of Literacy*. London: Lawrence Erlbaum Associates Publishers.
- Skutnabb-Kangas, Tove. 2008. *Linguistic Genocide in Education Or worldwide diversity and human rights?* Delhi: Orient Longman.
- Soler, Janet, Janice Wearmouth & Gavin Reid. 2002. *Contextualising Difficulties in Literacy Development*. USA and Canada: RoutledgeFalmer in association with The Open University & The University of Edinburgh.
- Spolsky, Bernard & Francis M. Hult. 2007. *The Handbook of Educational Linguistics*. UK: Wiley-Blackwell.

- Stubbs, Michael. 1983. *Language, Schools and Classrooms: Contemporary Sociology of the School*. London, New York: Methuen.
- Van den Branden, Kris, Martine Bygate & John M. Norris. 2009. *Task-based Language Teaching: A Reader*. Amsterdam/ Philadelphia: John Benjamins Publishing Company.
- Widdowson, H.G. 1978. *Teaching as Communication*. Oxford: Oxford University Press.

---

## **E307: Computational Linguistics - I**

### **1. Fundamentals of Computer:**

Fundamental Computer (Hardware and Software), Computer Generation, Interpreter and Compiler, Programming Languages, Database and Database type.

### **2. Computational Linguistics:**

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

### **3. Word Processors:**

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).

### **4. Speech:**

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.

### **5. Application:**

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.

## Readings:

- Allen, James. 1995. *Natural Language Understanding*. Benjamin / Cummings.
- 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.
- Rajapurohit, B.B. 1994. *Technology and Languages*. Central Institute of Indian Languages, Manasgangotri, Mysore.
- Bird, S. 1995. *Computational Phonology: A Constraint – based approach*; Cambridge University Press.
- Chaitanya, V. and 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. 2<sup>nd</sup> 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/ Philadelphia.
- Niyogi.-----*The Computational Nature of Language Learning and Evaluation*. Cambridge: MIT Press.
- Noble, H.M. 1988. *Natural Language Processing*. Oxford: Blackwell Scientific Publications.

Rajaraman. 2003. *Fundamentals of Computers*. Prentice Hall, India Pvt.

Ram.B.2000.*Computer Fundamentals Architecture and Organisation*.New age International Publication.

SangalRajeevl and Others.(ICON - 2003).*Recent Advances in Natural Language Processing*.

Sprot, R.1992. *Morphology and Computation*. Cambridge: MIT Press.

### C 401: Field Methods

The main objective of this course is to train students in field methods and techniques for the purpose of analyzing a language that is not known to them. In this course the students are required to elicit data from the native speaker of an unknown language first in the classroom and then, if possible, the students should go to the field to work with the speech community that actually uses this variety of language. Training is given in recording, transcribing, analyzing with interlinear translation and writing the grammar of this language that includes among others, sound system (phonetics & phonology), morphology, syntax, semantics and sociolinguistic aspects. After collecting the data and transcribing them accurately, the students can choose topics in different areas such as phonology, morphology, syntax etc. to describe the structure of this new language. This paper will be evaluated on the basis of the dissertation which will be submitted by the student before the end of the semester.

Every candidate should submit to the University before the date to be specified from year to year, two copies of the dissertation which will carry 100 marks (Dissertation –70 marks & Viva-voce on dissertation – 30 marks). The dissertation and the viva-voce will be assessed by the guide and one of the other examiners from the panel and the mean of the two assessments will be taken as the evaluation of the dissertation. In case of failure in the Fourth semester, the candidate will have the option of carrying over the marks of his/her dissertation or submitting a fresh dissertation.

#### **Readings :**

Abbi, A. 2001. *A Manual of Linguistic Field Work and Structure of Indian Languages* . Munich : Lincom Europa.

Bloomfield, L. 1942. *Outline Guide for the Practical Study of Foreign Languages*.  
Baltimore : Linguistic Society of America.

Hockett, C.F. 1958. *A Course in Modern Linguistics*. New York : Macmillan.

Lounsbury, F. 1953. "Field Methods and Techniques in Linguistics". In Kroeber, A.L. (ed.) , *Anthropology Today*. Chicago: University of Chicago Press.



Nida, E.A. 1949. *Morphology : The Descriptive Analysis of Words*. (2<sup>nd</sup> edition)  
Ann Arbor : University of Michigan Press.

Nida, E.A. 1950. *Learning a Foreign Language – A Handbook for Missionaries*.  
New York : Foreign Missions' Conference of North America.

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

Samarin, W.J. 1967. *Field Linguistics : A Guide to Linguistic Fieldwork*.  
New York : Holt , Reinhart, Winston.

### **E 402: Analysing Structure of Modern Indian Languages**

The aim of this course is to train the students to analyse various structural phenomena in Indian languages.

The students are expected to have knowledge and tools of morphosyntactic analysis and exposure to Principles & Parameters approach.

- 1) **A Brief Survey of Modern Indian Languages:** Language families in India, typological survey of Indian languages.
- 2) **Structural Phenomena:** Following phenomena as they are exhibited in Indian languages will be discussed:
  - i) **Agreement Patterns:** Person, number, gender categories. Agreement between the adjectives and nouns. Agreement between the nouns and verbs.
  - ii) **Argument Structure:** Argument structure and argument realization in various kinds of verbs, unaccusative and unergative verbs, tests to determine these classes of verbs.
  - iii) **Non-nominative Subjects:** Ergative, dative and genitive subjects, tests of subjecthood.
  - iv) **Ergativity:** Nominative vs ergative pattern, split ergativity.
  - v) **Passivization and Other Voices:** Passive constructions, middle constructions.
  - vi) **Causativization:** Transitivity alternation, various strategies of causativization.
  - vii) **Complex Predicates:** X + V constructions (N/A/ Adv + V; V + V), tests to determine complex predicates, their properties and syntactic structure.
  - viii) **Tense-Aspect-Mood and Modality:** Patterns of tense, aspect and mood (TAM), tense/ modal auxiliaries, morphological manifestation of TAM.
  - ix) **Negation:** Strategies of negation, negative polarity items.

- x) **Binding:** Binding patterns of anaphors (reflexives and reciprocals) and pronouns.
- xi) **Correlative Clauses and Other Relative Clauses:** Structure of correlative clauses, participial relative clauses.
- xii) **Wh (Question Formation) Phenomenon:** Wh-in situ, word-order issues regarding the constituent and yes/no questions.

### **Readings:**

- Agnihotri, R.K. 2007. *Hindi: An Essential Grammar*. Routledge.
- Bh. Krishnamurty. 2003. *Dravidian Languages*. Cambridge University Press.
- Bhaskarrao, Perri & K.V. Subbarao. 2004. *Non-nominative Subjects Vols. 1 and 2*. Amsterdam/ Philadelphia: John Benjamins Publishing Company.
- Butt, Miriam. 1995. *The Structure of Complex Predicates in Urdu*. Stanford: CSLI.
- Cardona, George & Dhanesh Jain (eds). 2003. *The Indo-Aryan Languages*. Routledge.
- Dayal, Vineeta and Anoop Mahajan. 2005. *Clause-structure in South Asian Languages*. Springer.
- Dhongde, R.V. 1984. *Tense, Aspect and Mood in Marathi and English*. Pune: Deccan College
- Dhongde, R.V. & K. Wali. 2009. *Marathi*. John Benjamins.
- Kumar, Rajesh. 2006. *Negation and Licensing of Negative Polarity Items in Hindi Syntax*. Routledge.
- Lakshmi Bai, P. & Aditi Mukherjee. 1993. *Tense and Aspect in Indian Languages*. Booklinks Crop.
- Masica, Colin P. 1991. *The Indo-Aryan Languages*. Cambridge University Press.
- Masica, Colin P. 2007. *Old and New Perspectives on South Asian Languages: Grammar and Semantics*. New Delhi: Motilal Banarasidass.
- Mohanan Tara. 1994. *Argument Structure in Hindi*. Stanford: CSLI.
- Pandharipande, Rajeshwari. 1997. *Marathi*. Routledge.
- Verma, Manindra K. 1993. *Complex Predicates in South Asian Languages*. New Delhi: Manohar.
- Wali, Kashi. 2006. *Marathi*. New Delhi: Indian Institute of Language Studies.

### **Journals:**

Journal of South Asian Languages, url: [www.jsal-journal.org/](http://www.jsal-journal.org/)

---

## **E403: Analyzing Meaning in Natural Languages**

This is a course in doing Formal Semantics. The course seeks to apply concepts and tools of logical calculus towards analyzing meaning in natural languages.

The course requires that the students have done a basic course in Language and Logic. An exposure to a course in philosophy of language is desirable though not essential.

1. **Predicates and Predication:** The structure and interpretation of elementary clauses, the semantics of predicates and predication, verbs, adjectives, nominals & relative clauses as predicates.
2. **Semantics of Noun Phrases:**
  - a. Referring Expressions: Definite & indefinite NP's, plural and mass terms, kinds, semantics of pronouns and anaphora.
  - b. Modifiers: Predicates as restrictive modifiers, adjectives, relative clauses as modifiers.
  - c. Relative clauses: Semantic composition inside a relative clause, variable binding, interpretability and syntactic constraints on indexing.
  - d. Quantifiers, Quantification & Quantifier Movement: Generalized quantifiers, quantifying determiners, presuppositional quantifier phrases, quantifiers in object position, repairing type-mismatches, quantifiers in natural languages, quantifier movement and *in-situ* interpretation, semantic and syntactic constraints on quantifier movement.
3. **Semantics of Verb Phrases:** Event/State distinction, Davidson's event analysis, verb meanings and argument structure, thematic roles, analyses of adverbs.
4. **Clausal Complements and Attitude Reports:** Clausal complements and truth values, words, worlds and propositions, interpreted logical forms (ILF), the theory of ILF.
5. **Semantics of Tense, Aspect and Modality:** Time as a relation between events, deictic interpretation of tense, tense as a predicate; Aspect vs. aspectual class, semantics of aspect; Modality: accessibility relations, deontic and epistemic modality.

### **Readings:**

Heim I. & Kratzer A. 1998. *Semantics in Generative Grammar*. Oxford: Blackwell.

Larson R. & Segal G. 1995. *Knowledge of Meaning. An Introduction to Semantic Theory*. Cambridge, MA: MIT Press. Indian reprint- New Delhi: PHI Learning Private Ltd. (2009).

Portner P. 2005. *What is Meaning? Fundamentals of Formal Semantics*. Oxford: Blackwell.

Portner P. & Partee B. 2002. *Formal Semantics The Essential Readings*. Oxford: Blackwell.

Portner P. 2009. *Modality* Oxford: Oxford University Press.

Smith, C. S. 1991. *The parameter of aspect*. Dordrecht; Boston: Kluwer Academic Publishers.  
Online Resource: Semantic Archive <http://www.semanticsarchive.net/>

## **E404: Advances in Pragmatic Perspective of Language**

This course seeks to develop a pragmatic perspective of language i.e. an approach which studies *language in interaction*. It emphasizes on meaning being an *emergent* property of interaction rather than being merely encoded in a proposition.

This course assumes an exposure to an introductory course to pragmatics.

1. **Metapragmatics:** Object and metalanguage, meta-theory, constraining conditions, indexing.
2. **Pragmatic Acts:** Defining a pragmatic act, pragmatic acts in context, pragmatic acts and action theory, notion of common scene, notion of prameme.
3. **Key notions for a Pragmatic Perspective:** Adaptability, variability, negotiability, channel, implicitness, common ground.
4. **Aspects of functioning of language:** Context, structure, dynamics, salience, presupposition.
5. **Social Aspects of Pragmatics:** Notion of wording; Pragmatics and the social struggle, emancipatory language; Critical Pragmatics.
6. **Literary Pragmatics:** Pragmatics of written texts, textual mechanisms - reference, tense, discourse; Voice and point of view; Reading as a pragmatic act.
7. **Extension of Pragmatics:** Non-verbal communication, primate communication.

### **Readings:**

- Caffi, Claudia. 1994. 'Metapragmatics', in *Encyclopedia of Language and Linguistics*. Oxford: Pergamon. Pp.4:2461-2465.
- Caffi, Claudia. 2007. *Mitigation*. Elsevier.

- Fraser, Bruce. 1980. 'Conversational Mitigation' in *Journal of Pragmatics*, vol. 4-4. Pp.341-350.
- Goffman, Erving. 1967. *Interaction Ritual*. New York: Doubleday Anchor.
- Goffman, Erving. 1976. 'Replies and Responses' in *Language and Society*, vol. 5. Pp. 257-313.
- Goffman, Erving. 1983. 'Felicity's Conditions' in *American Journal of Sociology*, vol. 1. Pp.1-53.
- Haberland, Hartmut & Jacob L. Mey. 1977. 'Editorial: Pragmatics and Linguistics' in *Journal of Pragmatics*, vol. 1-1. Pp. 1-16.
- Jaworski, Adam. (ed.). 1997. *Silence: Interdisciplinary Perspectives*. Berlin and New York: Mouton de Gruyter.
- Kurzon, Dennis. 1997. *The Discourse of Silence*. Amsterdam & Philadelphia: Benjamins.
- Kurzon, Dennis. 1998. 'The Speech Act of Incitement: Perlocutionary Acts Revisited' in *Journal of Pragmatics*, vol. 29-5. Pp. 571-596.
- Mey, Jacob. 1985. *Whose Language? A Study in Linguistics Pragmatics*. Amsterdam and Philadelphia: Benjamins.
- Mey, Jacob. 1987. 'Poet and Peasant: A Pragmatic Comedy in Five Acts' in *Journal Pragmatics*, vol. 11-3. Pp. 281-295.
- Mey, Jacob. 1992a. 'A Note on Adaptability' in *AI and Society*, vol.6. Pp. 1-23.
- Mey, Jacob. 1992b. 'Pragmatic Gardens and their Magic' in *Poetics*, vol.20-2. Pp.233-245.
- Mey, Jacob. 1995. 'Pragmatic Problems in Literary Texts', in Sharon Millar and Jacob Mey (eds). *Form and Function in Language*. Odense: Odense University Press. Pp.151-170.
- Mey, Jacob. (ed). 1998. *Concise Encyclopedia of Pragmatics*. Oxford: Elsevier Science/ Pergamon.
- Mey, Jacob. 1999. *When Voices Clash: A Study in Literary Pragmatics*. Berlin and New York: Mouton de Gruyter.
- Nerlich, B. & D. Clark. 2001. 'Ambiguities We Live By. Towards a Pragmatics of Polysemy' in *Journal of Pragmatics*, vol.33-1. Pp. 1-20.
- Östman, Jan-Ola. 1995. 'Explicating Implicitness', in *Pragmatics, Ideology and Contacts Bulletin*, vol. 2. Pp.4-7.
- Rundquist, Suellen. 1992. 'Indirectness: A Gender Study of Flouting Grice's Maxims', in *Journal of Pragmatics*, vol. 18-5. Pp. 431-449.

Verschueren J. & Ostman J. 2009. Handbook of Pragmatic Highlights. 10 Volumes.  
Amsterdam/Philadelphia: John Benjamins Publishing Company.

---

## **E- 405 : Historical Linguistics**

### **1. Introduction:**

Synchronic and Diachronic approaches to language and their effects on subsequent linguistic studies. The major principles and methods of Historical Linguistics. General survey of writing systems and problems in the interpretation of written records.

### **2. Causes, Processes, Results and Classification of Linguistic Change :**

Sound change: its types and processes, the description of phonological change in the neo-grammarians, structuralist and transformational generative framework; Change in grammatical systems : Tendencies of analogical change and its relationship to sound change, Types of analogy; Causes and mechanisms of Syntactic change; Causes and mechanisms of Semantic change.

### **3. Linguistic Reconstruction :**

Internal reconstruction method and comparative reconstruction method : their scope and limitations.

### **4. Glottochronology :**

Its basic assumptions, aims and methods of application; Limitations of the glottochronological method.

### **5. Language Contact and Linguistic Change :**

Sociolinguistic motivation for linguistic change : Linguistic borrowing and its types, Effects of borrowing on the structure of language; Interference; adstratum, superstratum and substratum theory, Sprachbund phenomenon, Structural pressure and language contact with special reference to India as a linguistic area, Language Death.

## Readings :

- Anderson J.M. and Jones, C. 1974. *Historical Linguistics* . Vols. I & II.  
Amsterdam : North-Holland Publishing Company.
- Aitchison, J. 1981. *Language Change : Progress or Decay*. London : Fontana and  
Croon Helm.
- Arlotto, Anthony. 1972. *Introduction to Historical Linguistics* . Boston :  
Houghton-Mifflin.
- Anttila, R. 1989 . [1972]. *Historical and Comparative Linguistics* . Amsterdam :  
Benjamins , (2<sup>nd</sup> edition).
- Bhat, D.N.S. 1972. *Sound Change*. Pune : Bhasha Prakashan C/o Deccan  
College, Poona –6.
- Blank, A. and Koch, A. (edt.) .1999. *Historical Semantics and Cognition*. Berlin:  
Mouton de Gruyter.
- Braunmuller, Kurt and House,Juliane (Edt.). 2009. *Convergence and Divergence  
in Language Contact Situations*. Amsterdam: John Benjamins Publishing  
Company.
- Bynon, T. 1977. *Historical Linguistics*. Cambridge : Cambridge University  
Press.
- 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. (3<sup>rd</sup> edn.)
- Davis, G.W. and Iverson, G.K.(Ed.) , 1992. *Explanation in Historical*

*Linguistics*. Amsterdam : Benjamins.

Eythorsson, Thorhallur (Ed.). 2008. *Grammatical Change and Linguistic Theory*. Amsterdam : John Benjamins Publishing Company.

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.

Hock, H.H. and B.D.Joseph .1996. *Language History, Language Change , and Language Relationship: An Introduction to Historical and Comparative Linguistics*. Berlin : 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.

King, R.D. 1969 . *Historical Linguistics and Generative Grammar* . Englewood Cliffs, New Jersey : Prentice Hall.

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. (2<sup>nd</sup> Edition).

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. (edt.). 1972, *Linguistic Change and Generative Theory*. Bloomington: Indiana University Press.



Southworth, F.C. and M.L. Apte (ed.). 1974. 'Contact and Convergence in South Asian Languages', in *International Journal of Dravidian Linguistics*, Vol. 3:1.

Trask, R.L. 1996. *Historical Linguistics*. London : Arnold.

Traugott, E.C. and R.B. Dasher . 2002. *Regularity in Semantic Change*. Cambridge : Cambridge University Press.

## **E406: Lexicography**

### **1. Introduction to Lexicography:**

Introduction to the field of Lexicography, the Historical and Socio-Cultural background.

### **2. Theoretical Approaches:**

Lexicology and Lexicography, Lexicon and Grammar, Lexical units: Form and Function, Sememes, Lexemes and Words.

### **3. Lexeme Types:**

Simple and Composite Units, Nature of Combinations – Set and Free; Set Combination - Collective, Derivative, Compounds, Proverbs, Idioms and Phrases, Collocations. Variation-Dialectal, Social, Standard and Non-Standards.

### **4. Semantic Relation:**

Synonymy, Polysemy, Hyponymy, Hypernymy, Meronymy, Troponymy, Gradation and Others.

### **5. Types and Purposes of Dictionaries:**

Synchronic - Diachronic, Encyclopedic - Non-Encyclopedic Dictionaries, Restricted-Non-Restricted, Monolingual, Bilingual, Multilingual Dictionaries, Thesaurus, Vocabulary, Glossary, General and Specific Purpose Dictionary, Pedagogical and Special Purpose Dictionaries, Electronic Dictionaries.

### **6. Dictionary Making:**

Planning, Selection and Arrangement of Dictionaries. Presentation of entries.

### **7. Computational Lexicography:**

- a. Introduction to the web a Corpus, Corpus Linguistic: Corpus Design, size, text, type.
- b. Corpus Analysis and Annotation, Postagging, Tokenisation, Lemmatisation, Parsing.
- c. Corpus Query System, Concordance, Collocations

- d. Semantic Network and Wordnet. Lexical acquisition, Machine readable Dictionaries Constructing a Lexical Semantic Database from the Dictionaries, Retrieving data from the Database, Combining the Lexical Database and Corpus Query Tools.

### Readings:

Atkins, B. T. S. and A. Zampolli. 1994. *Computational Approaches to the Lexicon*. Oxford: Oxford University Press.

Bergenholtz H. and P.A. Fuertes. 2011. *E-lexicography: The Internet, Digital Initiatives and Lexicography*. Continuum International Publishing Group.

Fitzpatrick, E. 2007. *Corpus Linguistics beyond the Word: Corpus Research from Phrase to Discourse*. New York: Rodopi.

Forsyth M. 2011. *The Etymologican: A Circular Stroll through the hidden connections of the English Language*. Icon Book

Fontenlle T. (ed.). 2008. *Practical Lexicography: A Reader*. Oxford University Press.

Grzybek, P. 2006. *Contributions to the Science of Text and Language: Word Length Studies and Related Issues*. Springer.

Hartmann, R.R.K. 1983. *Lexicography Principle and Practice*. New York: Academic Press.

Ilsou, R.F. (ed.). 1985. *Dictionaries, Lexicography and Language Learning*. Published in Association with the British Council by Oxford: Pergamon Press.

Landau, S.I. 2001. *Dictionaries: The Art and Craft of Lexicography*. Cambridge: Cambridge University Press.

McEnery, T. and A. Wilson. 2001. *Corpus Linguistics: An Introduction*. Edinburgh University Press.

McEnery, T. and A. Wilson. 2011. *Corpus Linguistics: Method, Theory and Practice*. Cambridge University Press.

Misra, B.G. (ed.). 1980. *Lexicography in India (Proceeding of the First National Conference on Dictionary making In Indian Languages, Mysore, 1970.)*. Mysore: Central Institute of Indian Languages.

Sebeok, T.A. (ed.). 1963. *Current Trend In Linguistics*, Vol.1. The Hague: Mouton.

Singh, R.A. 1982. *An Introduction to Lexicography*. Mysore: CIIL.

Zgusta, L. 1972. *Manual of Lexicography*. The Hague: Mouton

## **E407: Computational Linguistics - II**

### **1. Syntax:**

Grammar of Languages, Context free Grammar, Head and Head Finding Rules, Dependency Grammar, Categorical Grammar and 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

### **2. Representation of Meaning:**

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

### **3. Application:**

- a. Information Extraction: Entity Recognition, Relation Detection, Temporal Expression Analysis, Template Filling, Finite State Method,
- b. Question and Answering and Summarization, Information Retrieval.
- c. 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. Machine Translation System: Tomato, Systran, Anusarka and Mantra.

### **Readings:**

Baayen, R.H. 2008. *Analysing Linguistic Data: A Practical Introduction to Statistics using R*. Cambridge: Cambridge University Press.

Bird, S. and E. Klein, E. and Loper. 2009. *Natural Language Processing with Python*. O'Reilly Media.

Bolshakov, I.A. and A. Gelbukh. 2004. *Computational Linguistics: Models, Resources, Applications*. Ciencia De La Computacion.

Chaitanya, V. and R. Sangal. and Akshar Bharti. 1995. *Natural Language Processing: A Paninian Perspective*. New Dehli: Prentice Hall of India.

Eijck J.V. and C. Unger. 2010. *Computational Semantics with Functional Programming*. Cambridge: Cambridge University Press.

- Fellbaum, C.1998. *WordNet: An Electronic Lexical Database*. MIT Press.
- Garside, R. (ed.).1997. *Corpus Annotation: Linguistic Information from Computer Text Corpora*.Paperback.
- Gries, S.T. 2009.*Quantitative Corpus Linguistics with R.: A Practical Introduction*.  
New York: Routledge.
- Grishman, R. 1986. *Computational Linguistics: An Introduction (Studies in natural Language Processing)*.Cambridge University Press.
- Hausser, R.R.2012.*Foundations of Computational Linguistics: Human –Computer Communication in Natural Language*. Springer.
- Hutchins,W.J. and Somers,H.L.1992. *An Introduction to Machine Translation*.Academic Press.
- Koehn, P.2008.*Statistical Machine Translation*. Cambridge:Cambridge University Press.
- Indurkha, N. and F.J.Damerau. 2010. *Handbook of Natural Language Processing. (A Chapman and Hall Book, Machine Learning and Pattern Recognition.)*.CRC Press.Taylor and Francis Group.
- Iwanska, L.M. and S.C. Shapiro.(ed.). 2000.Natural Language Processing and Knowledge Representation: *Language for Knowledge and Knowledge for Language*.AAAI.Press Copublication.
- 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 University Press.
- Nivre, J. 2006: *Inductive Dependency Parsing. (Text, Speech and Language Technology .Vol. 34. )*. Springer.
- Pitrat,J.and E.F. Harding. 1988. *An Artificial Approach to Understanding Natural Language*. Hardcover.
- Singh U. N. ;*Proceedings of the first Global Word Net Conference* ; Central Institute of Indian Languages, Mysore, India.

## M.A. PROGRAMME IN LINGUISTICS

### CREDIT BASED SEMESTER & GRADING SYSTEM

In the credit based semester & grading system, each course (except the course **C-401 : Field Methods**) will be evaluated in the following manner :

A)	One Mid-Semester Examination	-----	20 Marks
B)	Home Assignment/Project Report & Seminar	-----	20 Marks
C)	End Semester Examination	-----	60 Marks
			-----
	Total	---	100 Marks

The Course no.C-401: Field Methods will be evaluated on the basis of the dissertation which is required to be submitted by the student before the end of Semester-IV. Every candidate should submit to the University before the date to be specified from year to year, two copies of the dissertation which will carry 100 marks (Dissertation – 70 marks & Viva-voce on dissertation - 30 marks). The dissertation and the viva-voce will be assessed by the guide and one of the other examiners from the panel and the mean of the two assessments will be taken as the evaluation of the dissertation. In case of failure in the Fourth Semester, the candidate will have the option of carrying over the marks of his/her dissertation or submitting a fresh dissertation.

\*\*\*\*\*