University of Pune
Centre of Advanced Study in Sanskrit
M.A. in Sanskrit Linguistics

Course No.	Course Title	Credit
	Semester – I	
CASS.SL. 101	Introduction to Modern Linguistics	4
CASS.SL. 102	Introduction to *Chomskyan* Linguistics	4
CASS.SL. 103	Introduction to Ancient Indian Grammatical Theories	4
CASS.SL. 104	Post-*Paninian* and Non- *Paninian* Grammatical Traditions	4
	Semester – II	
CASS.SL. 201	Phonetics in Ancient India	4
CASS.SL. 202	Phonology in Ancient India	4
CASS.SL. 203	Introduction to *Bhartrhari's* Philosophy of Language	4
CASS.SL. 204	Introduction to Indian Philosophy of Language	4
	Semester – III	
CASS.SL. 301	Principles of Historical Phonology	4
CASS.SL. 302	Historical Phonology of Indo-Aryan Language	4
CASS.SL. 303	Principles of Historical; Morphology	4
CASS.SL. 304	Historical Morphology of Indo Aryan	4
	Semester – IV	
CASS.SL. 401	Indian Theory of Syntax	4
CASS.SL. 402	Indian Semantics	4
CASS.SL. 403	Lexical Semantics	4
CASS.SL. 404	Computational Linguistics	4
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Course No.	Course Title	Credit
	Semester – I	
CASS.SL. 101	**Introduction to Modern Linguistics** (a) Intrinsic and Extrinsic Study of Language (b) Linguistic Analysis of Sounds, Forms and Meaning (c) Language Change and Language variation. (d) Language Types and Language Universals (e) Language as a mental, social and cultural phenomenon (f) Samiotics (g) Pragmatics **Recommended Readings :** 1. Language.F.Sassure 2. Language,L.Bloomfield, 1969 3. A Course in Modern Linguistics, Hockett, 1958 4. Introduction to Theoretical Linguistics, John Lyons, 1968 5. Studies in Indian Linguistics, Etd. Prof. B. K. Dalai, Bharatiya Kala Prakashan, Delhi,2007	**4**

CASS.SL. 102	**Introduction to Chomskyan Linguistics**
	    (a) Generative and Transformational Grammars
	    (b) Case-Grammar, (Filmore)
	    (c) Surface-Structure and Deep Structure
	    (d) Government and Binding
	    (e) Language Universal
	
	Recommended Readings :
	    1. Aspects of Syntax-Noam Chomsky, 1956
	    2. Language and its Structure - Ronald W. Langacker, 1973
	    3. Main Trends in Modern Linguistics -Maurice Leroy,1967
		4

CASS.SL. 103	**Introduction to Ancient Indian Grammatical Theories**
	    (a) Pre-*Paninian* Linguistics Awareness
	    (b) *Paninian* Theory of Grammar
	    (c) Structure of the *Astadhayi*
	    (d) Types of Rules
	    (e) Meta- Language of Panini
	
	Recommended Readings
	    1. A Linguistic Analysis of the *Rgveda Padapatha*, V.N.Jha,1972
	    2. A Reader on Sanskrit Grammarians, J.F.Staal, 1972
	    3. Systems of Sanskrit Grammars, S.K.Belwalkar, 1975
	    4. *Panini* : A Survey of Research, George Cardona, 1970
		4

CASS.SL. 104	**Post-*Paninian* and Non- *Paninian* Grammatical Traditions**
	    (a) Post-*Paninian* Tradition of the *Astadhayi*
	    (b)Non-*Paninian* Schools of Grammar
	    (c) Basic Problems and Methods of Description of Language
	    (d) *Paninian* Grammar as a Generative Grammar
	    (e) Thinkers and their texts
	
	Recommended Readings :
	    1. Systems of Sanskrit Grammars, S.K.Belwalkar, 1975
	    2. "Apropos of Vernacular Traits in Sanskrit and Non- Paninian Grammars ", Karunasindhu Das, Journal of Indian Intellectual Traditions, Vol.I,PP.1-9, 2004
		4

	Semester – II	

CASS.SL. 201	**Phonetics in Ancient India**
	    (a) Study of Linguistic Sounds
	    (b) Physiology of Linguistic Sounds
	    (c) Study of Prosodic Features of Duration of Linguistics Sounds
	    (d) Study of Linguistic Sounds in the *Pratisakhyas*
	    (e) Study of Linguistic Sounds in the *Siksas*
		4

	Recommended Readings :
	    1. Phonetics in Ancient India , W.S.Allen, 1971
	    2. Critical Studies in the Phonetic Observations of Indian Grammarians, Siddheshwar Verma, 1961
	    3. Phonetics, K.L.Pike, 1949
	    4. Practical Phonetics, Bhasker Rao, 1972
	    5. Critical Study of Sanskrit Phonetics, Vidhata Mishra, 1972
	    6. *Taittiriya – Pratisakhya*, 1985
	    7. *Paniniya Siksa*, Tr. Manomohan Ghosh, 1986	

CASS.SL. 202	**Phonology in Ancient India**
	    (a) Study of Vedic Pada- Texts
	    (b) Internal and External Sandhi-s
	    (c) Principles of Phonological Study in Speech Sound
	    (d) Study Vedic Accents
	    (e) Thinkers and Their Texts
	
	Recommended Readings :
	    1. A Manual of Phonology, C.F.Hockett, 1955
	    2. A Course in Phonology, P.Ladefoged , 1982
	    3. *Sandhi,* W.S.Allen, 1972
	    4. *Rgvedapratisakhya*, Tr. By Mangaldeva Shastri, 1931
		4

CASS.SL. 203	**Introduction to Indian Philosophy of Language**
	    (a) Concept of Language
	    (b) Language and Reality
	    (c) Four levels of Language
	    (d) Vedic Philosophy of Language
	    (e) Language, Thought and Reality
	    (f) Sabda as *nitya*
	    (g) *Sabda* as sign
	
	Recommended Readings :
	   1. Language and Realiaty, B.K.Matilal, 1971
	   2. The Problem of Meaning in Indian Philosophy, R.C
	   3. Indian Theories of Meaning, K.K.Raja, 1963
	   4. Philosophy of Language – An Indian Approach, P.K.. Mujumdar, 1970
		4

CASS.SL. 204	**Introduction to** *Bhartrhari's* **Philosophy of Language**
	    (a) *Bhartrhari* : his work and Philosophy
	    (b) Pasyanti Madhyma and *Vaikhari*
	    (c) Theory of *Sabada – brahman*
	    (d) Innateness theory and *Bhartrhari*
	    (e) Language and Indian Philosophical Systems
	    (f) Concept of *Sphota*
	    (g) Indian Theory of Linguistic Communication
	
	Recommended Readings :
	   1. Philosophy of Word and Meaning,
		4

	Gaurinath Shastri 1959 2. Meaning of Meaning Odgen and Richard 1960 3. Philosophical Investigations, Wittgenstein 1963 4. *Bhartrhari*,K.S.Iyer, 1969 5. Indian Theory of Language Etd. Prof. B. K. Dalai, Centre of Advanced Study in Sanskrit, University of Pune – 411 007	

CASS.SL. 301	**Semester – III**
	
	Principles of Historical Phonology
	    (a) Indo-European Language Family
	    (b) Indo-European Phonology
	    (c) Indo –Iranian Phonology
	    (d) Old Indo –Aryan Phonology
	    (e) Aryan Migration Problem
	
	Recommended Readings
	    1. Historical Linguistics and Indo –Aryan Languages,A..M.Ghatage, 1962
	    2. Origin and Development of Bengali Language, S.K.Chattergee
	    3. A Linguistic Introduction to Sanskrit , B.K.Ghose, 1977
	    4. Some Aspects of Indo –Aryan Languages, 1968
	    5. The Data of the *Rgveda* and the Aryan Migration, S.S. Mishra, 1999
		4

	6. A Comparative Grammar of Sanskrit, Greek and Hittite.S.S.Mishra, 1968	
CASS.SL. 302	**Historical Phonology of Indo-Aryan Language** (a) Perspective on Indo-Aryan and its Place in Indo-European Phonology (b) Historical Phonology of Middele Indo-Aryan (c) Historical Phonology of New Indo-Aryan (d) Family-wise Classification of Indian Languages (e) Dravidian Phonology **Recommended Readings :** 1. Origing and Development of Bengali Language, S.K.Chatterjee 2. A Comparative Grammar of Middle Indo-Aryan, Sukumar Sen, 1960 3. A Comparative Grammar of Modern Aryan Languages, John Beans 1966 4. Dravidian Etymological Dictionary M.B.Emeneu, 1961	**4**
CASS.SL. 303	**Principles of Historical Morphology** (a) Indo-European Morphology (b) Indo-Iranian Morphology (c) Old-Indo-Aryan Morphology (d) Methods of Reconstruction (e) Indo –European Syntax **Recommended Readings :**	**4**

	1. Historical Linguistics, W.Lahnmann, 1962 2. Historical Linguistics and Indo-Aryan Languages,A .M.Ghatage, 1962 3.Origing and Development of Bengali Language, S.K.Chatterjee 4.Historical Syntax of Middle Indo-Aryan, Indian Linguistics, Vol. 18	

CASS.SL. 304	**Historical Morphology of Indo Aryan**
	   (a) Morphology of *Pali*
	   (b) Morphology of *Prakrt*
	   (c) Morphology of *Apabhramsa*
	   (d)Morphology of New Indo-Aryan Languages
	   (e) Major Trends
	
	Recommended Readings :
	  1. Historical Linguistics, W.Lahnmann, 1962
	  2. Historical Linguistics and Indo-Aryan Languages, A.M.Ghatage, 1962
	  3. Origin and Development of Bengali Language, S.K.Chatterjee
	  4. Historical Syntax of Middle Indo-Aryan, Indian Linguistics, Vol.18.	

	Semester – II	

CASS.SL. 401	**Indian Theory of Syntax**
	   (a)Karaka Theory of *Panini*
	   (b)The Principles of *Abhihita* and *Anabhihita*
	   (c) Treatment of Tense and Mood
	   (d) Syntax of English
	   (e) Types of Sentences
		4

	Recommended Readings
	   1. Case-Grammar of Sanskrit , Brahmachari Surendra Kumar
	   2. *Karakahnika* of *Vyakarana-Mahabhasya*, Eng.Tr.S.D.Joshi & Roodbergen , 1990-1996
	   3. *Lakarartha-nirnaya* of *Kondabhatta*, Eng.Tr Jayashree Gune., 1978
	   4. English Syntax	

CASS.SL. 402	**Indian Semantics**
	   (a) Language and Reality
	   (b) Lexical Meaning
	   (c) Sentence-Meanings
	   (d) Semantic NET
	   (e) Process of Verbal Understanding
	
	Recommended Readings :
	   1. Language and Reality, B.K.Matilala
	   2. Semantics, Vol.I. an II, John Lyons, 1978 (Second ED.)
	   3. Studies in Language, Logic and Epistemology, V.N.Jha, 1986
	   4. Logic, Language and Reality, B.K.Matilala, 1985
		4

CASS.SL. 403	**Lexical Semantics**
	   (a) Semantic Categories
	   (b) Analysis of Word-Meaning
	   (c) Variation in Meaning
	   (d) Word-Meaning, Phrase-Meaning and
		4

	Sentence-Meaning
	(e) Historical Changes in Meaning
	
	Recommended Readings :
	   1. Lexical Semantics,D.A.Cruse, 1968
	   2. Lexical Structure in Syntax and Semantics, J.S.Gurger, 1983
	   3. Semantics, Vol. I. and II., John Lyons, 1977
	   4. Encyclopedic Dictionary of Sanskrit on Historical Principles, Vol. I, Deccan College, Pune	

CASS.SL. 404	**Computational Linguistics**
	  (a) Fundamentals of Computing
	  (b) Phrase-Structure Grammars
	  (c) Computational Lexicons
	  (d) Writing algorithms
	  (e) Knowledge-based computing
	  (f) *Panini's Astadhyayi* as a Computing Machine
	
	Recommended Readings
	   1. Computational Linguistics, Ralph, Grishman., 1986
		4