

SCHEME FOR CHOICE BASED CREDIT SYSTEM IN

B.A.(HONS) Philosophy

		CORE COURSE(14)	Ability Enhancement Compulsory Course (AECC) (2)	Skill Enhancement Course(SEC) (2)	Discipline Specific Elective DSE(4)	Generic Elective GE(4)
Semester -1	I	C1 • Invitation to Philosophy				GE-1,2,3,4,5,6 1.Philosophy of Psychology (existing) 2. Philosophy of Scientific Methods 3. Introduction to Critical thinking 4. Recent Indian Philosophers 5. Medical Ethics 6. Philosophy and
		C2 • History of Greek and Medieval Philosophy				
Semester -2	II	C3 • Traditional Logic				
		C4 • Systems of Indian Philosophy I				
Semester-3	III	C5 • History of Modern Western Philosophy		Seminar Paper Writing		
		C6 • Systems of Indian Philosophy II				
		C7 • Western Ethics				
Semester-4	IV	C8		Seminar Paper Writing		

		<ul style="list-style-type: none"> Social and Political Philosophy 				Peace Studies
		C9 <ul style="list-style-type: none"> Issues in Metaphysics and Epistemology 				
		C10 <ul style="list-style-type: none"> Applied Ethics 				
Semester-5	V	C11 <ul style="list-style-type: none"> Modern Logic 			DSE-1,2,3,4 1. Philosophy of Literature 2. Theories of Consciousness 3. Philosophy of Arts 4. Analytic Philosophy 5. History and Philosophy of Science 6. Bio-Ethics 7. Feminist Philosophy 8. Theories of Error in Indian Philosophy 9. Western Logic 10. <i>Dharmanīti</i> 11. Philosophy of Religion	
		C12 <ul style="list-style-type: none"> Philosophy of Mind 				
Semester-6	VI	C13 <ul style="list-style-type: none"> Reading Philosophical Texts 				
		C14 <ul style="list-style-type: none"> Trends in 20th Century Philosophy 				

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C1: Invitation to Philosophy

Unit I- The Nature of Philosophy

1. The Nature of Philosophical Thinking
2. Philosophy as critical Inquiry
3. Philosophical and Scientific Questions: Differences and Similarities

Unit II- Methods in Philosophy

1. Socratic Method
2. Linguistic Analysis
3. Phenomenological Method
4. Deconstruction

Unit III- Fundamental issues in Philosophy

1. Knowledge and Scepticism
2. What is reality? Philosophical Theories of the nature of reality
3. Importance of asking moral questions in everyday Life: Right and wrong, Good life and Happiness

Unit IV- Ways of Doing Philosophy in the East

1. Indian Philosophy
2. Chinese Philosophy
3. Islamic Philosophy

Suggested readings

- Bhattacharya, G., *Essays in Analytic Philosophy*, Calcutta Sanskrit PustakBhandar, 1989.
- Eliot Deutsch (Editor), Ron Bontekoe (Editor), *A Companion to World Philosophy*, Wiley- Blackwell Publication, 1991.
- Guttenplan, Samuel, Jennifer Hornsby and Christopher Janaway, eds. *Reading Philosophy: Selected Texts with a Method for Beginners*. Oxford: Blackwell, 2005.

- Heidegger, Martin. *What is Philosophy?* Translated and introduced by J.T. Wilde and W. Kluback. Lanham, Maryland: Rowman and Littlefield, 1956.
- Krishna, D. *The Nature of Philosophy*. New Delhi: Indian Council of Philosophical Research, 2009.
- Nagel, Thomas. *A View from Nowhere*. Oxford: Oxford University Press, 1989.
- Nagel, Thomas. *What does it all mean? Introduction to Philosophy*. Oxford: Oxford University, 1987.
- Rorty, Richard. *Philosophy and Mirror of Nature*. Princeton: Princeton University Press, 1979.
- Russell, Bertrand. *The Problems of Philosophy*. Oxford: Oxford University Press. 1980.
- Sellars, W. Philosophy and the scientific image of man. In *Science, perception and reality*. New York: Routledge & Kegan Paul, 1963. PP. 1-40.
- Solomon Robert C., Higgins M. Kathleen, *The Big Questions: A Short Introduction to Philosophy*, Wadsworth Cengage Learning, 10th Edition, 2018
- Williamson, T. *Tetralogue: I'm Right, You're Wrong*. Oxford: Oxford, 2015.
- Bunnin, Nicholas and E. P. Tsui-James. *Blackwell Companion to Philosophy*, Blackwell Publishing.
- *Blackwell Companion to World Philosophy*, Edited by Deutsch, Eliot, Ronald Bontekoe and Weiming Tu, Malden Mass, Blackwell, 1997.
- Bunnin, Nicholas and E. P. Tsui-James. *Blackwell Companion to Philosophy*, Blackwell Publishing, 1996.

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C2: History of Greek and Medieval Philosophy

Unit I

Pre-Socratic and Socratic Philosophy.

Unit II

Plato: theory of Knowledge; knowledge (episteme) and opinion (doxa); theory of Forms; Soul; Idea of the God

Unit III

Aristotle: critique of Plato's theory of Forms; theory of causation; categories; God

Unit IV

St. Thomas Aquinas: faith and reason; essence and existence; proofs for the existence of God
St. Augustine

Suggested Readings

- F Copleston: *A History of Philosophy*, Image, Reprint, 1993
- W.K Wright: *A History of Modern Philosophy*, Macmillan, 1941
- S Korner: *Kant*, Penguin Books, 1955
- W.T Stace: *A Critical History of Greek Philosophy*, CreateSpace Independent Publishing Platform, 2016
- Roger Scruton: *A History of Philosophy from Descartes to Wittgenstein*, Routledge, 2001
- John Conttingham: *The Rationalists*, Oxford University Press, 1988
- Falckenberg: *History of Modern Philosophy*, CreateSpace Independent Publishing Platform, 2015
- Rashbihary Das: *A Handbook of Kant's Critique of Pure Reason*, Progressive Publishers, 1977
- C. D. Broad: *Kant*, Cambridge University Press, 1978
- Thilly: *History of Western Philosophy*, New York Henry Holt & Co., 1941
- Chandradoy Bhattacharyya, *PaschatyaDarsan*, Vol. I & Vol.II, West Bengal State Book Board, 2

- Anthony Kenny: *A New History of Western Epistemology, Ancient Philosophy, Vol. 1*, OUP, 2004.
- Christopher Shield: *Aristotle*, Routledge Philosophers, 2007.
- Constance Meinwald: *Plato*, Routledge Philosophers, 2016.
- T. Z. Lavine: *From Socrates to Sartre, The Philosophic Quest*, Bantam Books, 1984.

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C3. Traditional Logic

Unit I

1. Distinction Between Sentences, Statements and Propositions
2. Categorical Propositions and Classes
3. Quality, Quantity and Distribution of Terms
4. Translating Categorical Propositions into Standard Form.

Unit II

1. Traditional Square of Opposition
2. Immediate Inference
3. Existential Import
4. Symbolism

Unit III

1. Categorical Syllogism: Standard Form Categorical Syllogism
2. Rules and Fallacies

Unit IV

1. Boolean Interpretation of Categorical Propositions
2. Venn Diagrams for Categorical Propositions
3. Venn Diagram Technique For Testing Syllogisms

Suggested Readings:

- Copi I.M. & Cohen C., *Introduction to Logic*, Macmillan Publishing company, 1990.
- Copi I. M., *Symbolic Logic*, 5th edition, Pearson, 1979.
- Chakraborty Chhanda, *Logic: Informal, Symbolic and Inductive*, Prentice Hall of India Private Limited, 2006.
- Baronett Stan & Sen Madhuchhanda, *Logic*, Delhi, Pearson, 2008.
- Das Ramaprasad, *SanktetikYuktivijnan (Vakyakalan O Vidheyakalan)*
- Das Ramaprasad, *YukhtivaijnanikPaddhati*
- Das Ramaprasad o Bhattacharya Subirranjan, *SamsadYuktivijnanAbhidhan*
- Barker Stephen, *The Elements of Logic*, McGraw-Hill College, 1988.
- Jetli Priyedarshi, Indian Adaptation of Copi & Cohen, *Introduction to Logic*, 13th Edition Co-adopter Monika Prabhakar, Pearson Education India, 2008.

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C4: Systems of Indian Philosophy 1

UNIT I

1. Introduction,
2. Vedic and Upanisadic World View
3. Division of Indian Philosophical Systems – *Āstika* and *Nāstika*.
4. Common Features of Indian Philosophical Systems.

UNIT II

1. *Cārvāka*: Metaphysics, Epistemology and Ethics – *Pratyakṣa* as only *pramāṇa*, *Bhūtacatuṣṭayavāda*, *Bhūtacaitanyavāda*, *Svabhāvavāda*, *Kāma* as the only *puruṣārtha*.
2. Jainism: Analysis of *Sat*, *Dravya*, *Paryāya*, *Guna*, *Anekāntavāda*, *Syādvāda*, *SaptabhaṅgīNaya*, *Jīva* and *Ajīva*.
3. Buddhism: Four Noble Truths, *AṣṭāṅgikaMārga*, Doctrine of Dependent Origination (*Pratītyasamutpāda*), Definition of Reality (*Sat*), Doctrine of Momentariness (*Kṣaṇikatvavāda*), Theory of No-Soul (*Nairātmyavāda*), Basic tenets of four Buddhist Schools.

UNIT III

1. *Nyāya*: Brief introduction to sixteen kinds of *Padārthas*, The Nature of Knowledge, Four kinds of *Pramāṇas*, Nature and Proofs for the Existence of God.
2. *Vaiśeṣika*: Seven *padārthas*: *Dravya*, *Guṇa*, *Karma*, *Sāmānya*, *Viśeṣa*, *Samavāya*, *Abhāva*, *Paramāṇukāraṇavāda*.

Suggested Readings:

English:

- Hirianna, M., *Outlines of Indian Philosophy*, London: Allen and Unwin, 2004.
- Sharma, C.D., *A Critical Survey of Indian Philosophy*, Motilal Banarasidass, 2003.
- Chatterjee, S.C., and D.M. Dutta, *An Introduction to Indian Philosophy*, University of Calcutta, 2004.
- Mohanty, J.N., *Classical Indian Philosophy*, Rowman and Littlefield Publishers, 2000.
- Dasgupta, S.N., *History of Indian Philosophy (Vol. I-V)*, Motilal banarasidass, 1975.
- Radhakrishnan, S., *Indian Philosophy (Vo. I & II)*, Oxford University Press, 2008.
- Sinha, J.N., *Indian Philosophy (Vo. I & II)*, Motilal Banarasidass, 2006.
- Bhattacharya, R., *Studies on the Carvaka/Lokayata*, Anthem Press, 2011.
- Murti, T.R.V., *The Central Philosophy of Buddhism*, Routledge, 2008.
- Chatterjee, A.K., *Yogacara Idealism*, Motilal Banarasidass, 1975.
- Singh, J., *An Introduction to Madhyamika Philosophy*, Motilal Banarasidass, 1976.

- Dutta, D.M., *Six ways of Knowing*, Motilal Banarasidass, 2017.
- Bhaduri, S., *Studies in Nyāya-Vaiśeṣika Metaphysics*, Bhandarkar Oriental research Institute, 1975.
- Maitra, S.K., *Fundamental Questions of Indian Metaphysics & Logic*.

Bengali:

- Chatterjee, S.C., *Bharatiya o Paschatya Darshan*.
- Sen, Debabrata, *Bharatiya Darshan*, Pashchimbanga Rajya Pustak Parsat, 2001.
- Chakraborti, Satyajyoti, *Sayan Madhaviya Sarva Darshan Samgraha*.
- Chattopadhyaya, Debiprasad, (1363 Bangabda), *Lokayata Darshan*, New Edge Publication.
- Bhattacharya, Ramakrishna, *Carvakacarca*.
- Dakshinaranjan Shastri, *Carvak Darshan*, Pashchimbanga Rajya Pustak Parsat, 1982.
- Bhattacharya, Panchanan, (1394 Bangabda), *Carvaka Darshanam*, Sanskrit Pustak Bhandar.
- Swami Vidyaranya, *Bauddha Darshan O Dharma*, Pashchimbanga Rajya Pustak Parsat, 1984.
- Pancanan Sastri, *Bauddha Darshan*.
- Choudhury, Sukomal (ed.), *Gautama Buddher Darshan O Dharma*, Mahabodhi Book Society, 1997.
- Bhattacharya, Bidhubhushan, *Ksanabhangavada*.
- Satindra Chandra Nyayacharya, *Jainadarshaner Digdarshan*.
- Phanibhushan Tarkavagish, *Nyaya Darshan*, Pashchimbanga Rajya Pustak Parsat, 1982.
- Phanibhushan Tarkavagish, *Nyaya Darshan O Vatsyayana Bhasya*, Pashchimbanga Rajya Pustak Parsat, 1984.
- Phanibhushan Tarkavagish, *Nyaya Parichay*, Pashchimbanga Rajya Pustak Parsat, 1978.
- Bhattacharya, Karuna, *Nyaya-Vaisesika Darshan*, Pashchimbanga Rajya Pustak Parsat, 1984.
- Bandyopadhyay, Kalikrishna, *Nyaya Tattva Parikrama*, Pashchimbanga Rajya Pustak Parsat, 1984.

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C5: History of Modern Western Philosophy

Unit I

Descartes: Cartesian method of doubt, cogito ergo sum, criterion of truth, proofs for the existence of God

Spinoza: Doctrine of substance, attributes and modes, existence of God, Pantheism, three orders of knowing

Leibnitz: Monads, truths of reason, truths of facts, innate ideas, metaphysical principles

Unit II

Locke: refutation of innate ideas; ideas and their classification; knowledge and its grades; substance; qualities: primary and secondary

Berkeley: rejection of abstract ideas; rejection of the distinction between primary and secondary qualities; immaterialism; *esse est percipi*; problem of solipsism

Hume: impressions and ideas; association of ideas; judgments concerning relation of ideas and judgments concerning matters of fact; causality; self and personal identity; skepticism

Unit III

Kant: conception of critical philosophy; classification of judgments: analytic, synthetic, a priori, a posteriori; possibility of synthetic a priori judgment; the forms of sensibility; categories of understanding

Suggested Readings

- F Copleston: *A History of Philosophy*, Image, reprint 1993
- W.K Wright: *A History of Modern Philosophy*, Macmillan, 1941
- S Korner: *Kant*, Penguin Books, 1955
- W.T Stace: *A Critical History of Greek Philosophy*, CreateSpace Independent Publishing Platform, 2016
- Roger Scruton: *A History of Philosophy from Descartes to Wittgenstein*, Routledge, 2001
- John Conttingham: *The Rationalists*, Oxford University Press, 1988
- Falckenberg: *History of Modern Philosophy*, CreateSpace Independent Publishing Platform, 2015
- Rashbihary Das, *A Handbook of Kant's Critique of Pure Reason*, Progressive Publishers, 1977
- C. D. Broad, *Kant: An Introduction*, Cambridge University Press, 1978
- Thilly, *History of Western Philosophy*, New York Henry Holt & Co., 1941
- Chandradoy Bhattacharyya, *PaschatyaDarsan*, Vol. I & Vol.II, West Bengal State Book Board, 2002

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C6: Systems of Indian Philosophy II

UNIT I

1. *Sāṃkhya*: Satkāryavāda, *Asatkāryavāda* and *Satkāryavāda* Debate, *Prakṛti*, its constituents and the proofs for its existence, Nature of *Puruṣa* and proofs for its existence, Doctrine of the Plurality of *Puruṣas*, Theory of Evolution.
2. *Yoga*: *Citta*, *Cittavṛtti*, *Cittabhūmi*, Eightfold Path of Yoga (*Aṣṭāṅga Yoga*). Importance of God, Proofs for the existence of God.

UNIT II

1. *Mīmāṃsā* (*Prābhākara* and *Bhāṭṭa*): *Arthāpatti* and *Anupalabdhi* as separate sources of knowledge, *Svataḥprāmāṇyavāda*, *Anuvyavasāya*, *Tripuṭīpratyakṣa* or *Jñātātāliṅgakaanumāna*.

UNIT III

1. *Advaita Vedānta* of *Śaṅkara*: Nature of *Brahman*: *Saguṇa* and *Nirguṇa*, Three grades of *Sattā*: *Prātibhāṣika*, *Vyavahārika* and *Pāramārthika*, *Śaṅkara*'s view on *Jīva*, *Jagat* and *Māyā*.
2. Viśiṣṭādvaita of Rāmānuja: Nature of *Brahman*, *Cit* and *Acit*, Refutation of *Śaṅkara*'s doctrine of *Māyā*.

Suggested Readings:

English:

- Hirianna, M., , *Outlines of Indian Philosophy*, London: Allen and Unwin, 2004.
- Sharma, C.D., , *A Critical Survey of Indian Philosophy*, Motilal Banarasidass, 2003.
- Chatterjee, S.C., and D.M. Dutta, , *An Introduction to Indian Philosophy*, University of Calcutta, 2004.
- Mohanty, J.N., *Classical Indian Philosophy*, Rowman and Littlefield Publishers, 2000.
- Dasgupta, S.N., *History of Indian Philosophy (Vol. I-V)*, Motilal banarasidass, 1975.
- Radhakrishnan, S., *Indian Philosophy (Vo. I & II)*, Oxford University Press, 2008.
- Sinha, J.N., *Indian Philosophy (Vo. I & II)*, Motilal Banarasidass, 2006.
- Roychowdhuri, A.K., *The Doctrine of Maya*, 2nd Edition, Dasgupta, 1950.
- Sinha, K.P., *Reflections on Indian Philosophy*.
- Roychoudhuri, A.K., *Self and Falsity in Advaita Vedanta*, Progressive Publishers, 1955.

Bengali:

- Chatterjee, S.C., *Bharatiya o Paschatya Darshan*.
- Sen, Debabrata, *Bharatiya Darshan*, Pashchimbanga Rajya Pustak Parsat, 2001.
- Chakraborti, Satyajyoti, *Sayan Madhaviya Sarva Darshan Samgraha*.
- Bhattacharya, Bhupendranath, *Samkhya Darshanam*, Progressive Publishers, 1966.
- Bhattacharya, Bidhubhushan, *Samkhya Darshaner Vivarana*.
- Bagchi, Yogendranath, *Samkhyamata Samiksa*, Darsan O Samaj Trust, 1992.
- Vacaspati Mishra, *Samkhya Tattva Kaumudi*, Annotated by Narayan Chandra Goswami, (1406 Bangabda), Sanskrit Pustak Bhandar.
- Bandyopadhyaya, Kanakprabha, *Samkhya-Patanjal Darshan*, Pashchimbanga Rajya Pustak Parsat, 1984.
- Purnachandra Vedantachunchu, *Patanjal Darshan*, Pashchimbanga Rajya Pustak Parsat, 1983.
- Bhattacharya, Sukhamaya, *Purva Mimamsa Darshan*.
- Bhattacharya, Dinesh Chandra, *Saddarshan Yoga*.
- Ashutosh Shastri, *Vedanta Darshan: Advaitavada*, Calcutta University.
- Pramatha Nath Tarkabhushan, *Mayavada*.
- Swami Vidyaranya, *Vedanta Darshan*.
- Gangopadhyaya, Ashok Kumar, *Vivarana Prameya Samgraha*.

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C7: Western Ethics

Unit I

1. Definition and Nature of Ethics; postulates of morality.
2. Moral and Non-moral actions
3. Object of Moral Judgement—Motive and Intention.

Unit II

1. Egoism
2. Utilitarianism
3. Deontological Theory

Unit III

Virtue Ethics

Unit IV

1. Theory of Punishment
2. Theory of Justice

Suggested Readings:

- Mackenzie, J.S., *A Manual of Ethics*, W.B. Clive: Harvard University Press, 1897.
- Frankena, W, *Ethics*, PHI Learning Private Limited, Delhi, 2013.
- Sinha, J. N., *A Manual of Ethics*, New Central Book Agency (P) Ltd, London, 2009.
- Lillie, W., *An Introduction to Ethics*, Allied Publishers Pvt. Ltd.: India, 2003.
- Nutall, J., *Moral Questions: An Introduction to Ethics*, Polity Press, UK, 1993.
- Hospers, J., *Human Conduc: Problems of Ethicst (Third Edition)*, Cengage Learning, 1995.
- Driver, J., *Ethics-The Fundamentals*, Blackwell, UK, 2007.
- Sullivan, R., *An Introduction to Kant's Ethics*, Cambridge University Press: USA, 1994.

- Beauchamp, T.L. (ed.), *Philosophical Ethics-An Introduction to Moral Philosophy*, McGraw-Hill: University of California, 1982.
- Prasad, R., *Karma, Causation and Retributive Morality*, South Asia Books, 1990.
- Irwine, T, *Plato's Moral Theory*, Clarendon Press: University of California, 1979.
- Crisp, R. & Slote, M. (eds.) *Virtue Ethics*, Oxford University Press: New York, 1997.
- Aristotle, *The Nicomachean Ethics*, Trans. William David Ross, Enhanced Media Publishing: CA, 2017.

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C-8: Social & Political Philosophy

Unit I

1. Nature and scope of social philosophy
2. Theories of the relation between individual and society; a) individualistic theory, b) organic; c) idealistic theory

Unit II – Political ideas

1. Liberalism, Socialism, Anarchism
2. Democracy as an ideal

Unit III

1. Different Theories about the Origin of State
2. Origin of the Concept of Kingship

Unit IV

1. Sources of Ancient Indian Political Thought
2. Relation between Dharmasastra and Rajnitsastra
3. Different Senses of the expression *Dharma* and Political Philosophy

Suggested Readings:

- J. S. Mill, *On Liberty*, Henry Regnery, Chicago, 1955
- Steven M. Cahn (ed.) *Political Philosophy: The Essential Text*, OUP, 2005
- Gordon Graham: *Contemporary Social Philosophy*, Blackwell Publishers, 1988
- C.E.M. Joad: *Introduction to Political Philosophy*, Oxford University Press, 1953
- Karl Marx: *Selected Writings in Sociology and Social Philosophy* edited by Bottomore & Rubel, Penguin Books, Middlesex, 1982
- William T. Blackstone: *Political Philosophy: An Introduction*, Crowell, 1973

- Krishna Roy: *Political Philosophy: East and West*, Jadavpur University and Allied Publishers, 2000
- V.P. Varma: *Political Philosophy*, Laxmi Narayan Agarwal, Agra, 1970
- D.D. Raphael: *Problems of Political Philosophy*, Palgrave Macmillan, 2nd revised edition, 1990
- K. Roy & C. Gupta (Eds): *Essays in Social and Political Philosophy* ICPR and Allied Publishers, 1989
- PrajnaranjanGupta:*PracinaBharat,eRajadharm*, Granthasamhita, 1971
- U.N. Ghoshal:*History of Indian Political Ideas*,OUP,1959
- N.C. Bandyopadhyay: *Development of Hindu Polity and Political Theories*, 1927

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C9: Issues in Metaphysics and Epistemology

Unit I

1. Appearance and Reality
2. Causality and Freedom

Unit II

Rejection of Metaphysics by the Logical positivists

Unit III

1. Philosophical issues and the possibility of knowledge claim
2. Definition of Knowledge
3. Knowledge and Belief

Unit IV

1. Introduction to Theories of Truth
2. Correspondence Theory of Truth
3. Coherence Theory of Truth
4. Pragmatic Theory of Truth

Suggested Readings:

- Ayer,A.J. *The Problem of Knowledge*, London: Macmillan, 1956.
- Ayer,A.J. *Language, Truth and Logic*. New York: Dover Publications INC, 1952.
- Hospers, J.*Readings in Introductory Philosophical Analysis*. Routledge and Kegan Paul. 1969.
- Woozley,A.D.*Theory of Knowledge: An Introduction*, Routledge, 2015.
- Ryle, G.*The Concept of Mind*, Chicago: The University of Chicago Press, 1949.

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C10. Applied Ethics

Unit I: Value of Life

1. Abortion
2. Euthanasia
3. Animal Killing

Unit II: Human Rights

1. Different forms of discrimination
2. Poverty
3. Child labour.
4. Women Rights

Unit III

1. War and Violence
2. Terrorism

Unit IV: Environment and Man

1. Anthropocentrism and non-anthropocentrism
2. Deep Ecology and shallow ecology
3. Biodiversity

Suggested Readings:

- Thiroux, J., *Ethics-Theory and Practice*, Pearson, (11th edition), 2014.
- *Ethics-Theory and Practice*: Y.V. Satyanaryan
- Beauchamp, T.L. (ed.), *Philosophical Ethics-An Introduction to Moral Philosophy*, McGraw-Hill: University of California, 1982.
- Singer, Peter, *Practical Ethics*, Cambridge University Press: USA, 2011.

- ----- (ed.), *Applied Ethics*, Oxford University Press: NY, 1986.
- ----- (ed.), *A Companion to Ethics*, Blackwell Publishing, 1993.
- Singer Peter & Kuhse H. (eds.), *A Companion to Bio-Ethics*, Wiley, 2001.
- Brock, Dan W., *Life and Death-Philosophical Essays in Bio-medical Ethics*, Cambridge University Press, 1993
- Walzer, M., *Just and Unjust Wars*, Hachette: UK, 2015.
- Holmes, R. L., *On War and Morality*, Princeton University Press: New Jersey, 2014.
- Laquer, W., *Terrorism*, Little, Brown, 1977.
- Long, D.E., *The Anatomy of Terrorism*, Free Press, 1990.
- Sen, Amartya, *Identity and Violence*, Penguin UK, 2015.
- Lafollette, Hugh (ed.), *Ethics in Practice-An Anthology*, John Wiley & Sons, 2014.
- Manisha Preyam, Krishna Menon, Madhulika Banerjee, *Human Rights, Gender and the Environment*, Pearson: India, 2009.
- Leopold, Aldo, *A Sand County Almanac*, Oxford University Press: NY, 1949.
- Agar, Nicholas, *Life's Intrinsic Value*, Columbia University Press: USA, 2001.

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C11: Modern Logic

Unit I

Deductive and other types of arguments, Deductive Logic, Modern Science of Logic, Symbolic Logic

Unit II

Standard Truth-functional Propositional Logic: simple and compound statements; truth-functionally compound statements; truth-functional connectives; connectives expressing negation, disjunction, conjunction, material conditional, material bi-conditional (material equivalence); truth-table contextual definitions of these; tautological, contradictory and contingent statements -- their identifications; validity/invalidity of truth-functional arguments -- their identifications; the concept of decision procedure.

Unit III

The deductive mechanism in Standard Truth-functional Propositional Logic: derivation and deduction; rules of inference; rules for equivalent substitution.

Unit IV

Invalidity in Standard Truth-functional Propositional Logic: models for showing invalidity -- the method of showing invalidity by assigning truth-values; the shorter truth-table technique for checking validity by using the method for showing invalidity

Unit V

Extension to Standard First Order Monadic Predicate Logic (with single quantifiers): the propositional functions; the quantifiers; propositions; arguments in Standard First Order Monadic Predicate Logic (with single quantifiers); proving validity; rules for quantifiers; models proving invalidity; inter-relations between quantifiers.

Text

- Copi I. M., *Symbolic Logic*, 5th edition, Pearson, 1979[from ch.1 upto arguments having singly quantified statements of ch. 4]
- Copi I.M. & Cohen C., *Introduction to Logic*, Macmillan Publishing company, 1990

Other Readings:

- Methods of Logic, by W. V. O. Quine (3rd edn)
- Suppes P., *Introduction to Logic*, Dover Publications Inc., 1999.
- Eberle Rolf , *Logic and Proof technique*, New Central Book Agency, 1996.

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C12: Philosophy of Mind

Unit I: Metaphysics of Mind

1. Introduction to Philosophy of Mind: Mind-Body problem
2. Dualism(Substance Dualism and Property Dualism)
3. Behaviourism
4. Identity theory (Type and Token Identity)
5. Functionalism
6. Eliminativism

Unit II: Epistemological Issues

1. The nature of mental content: Internalism (narrow content) and externalism(Broad Content)
2. Self- knowledge and knowledge of other minds
3. Problems of Consciousness (The easy and hard problems of Consciousness)

Suggested Readings

- Armstrong, D.M. *Perception and the Physical World*. London: Routledge and Kegan Paul, 1961.
- Block, Ned. "What is Functionalism?" In *Readings in Philosophy of Psychology*. Cambridge, Mass: Harvard University Press, 1980.
- Burge, Tyler. "Individualism and the Mental." In *Midwest Studies in Philosophy IV*. Edited by Uehling French and Wettstein. Minneapolis: University of Minnesota Press, 1979.
- Crane, Tim. *Elements of Mind*. Oxford: Oxford University Press, 2001.
- Chalmers, D. *The Conscious Mind*. New York: Oxford University Press, 1996.
- Kim, J. *Philosophy of Mind (Third Edition)*. Westview Press, 2011.
- Ryle, Gilbert. *The Concept of Mind*. London: Hutchinson, 1949.
- William, F. *Philosophy of Perception: A Contemporary Introduction*. Routledge, 2010.

- Chalmers, David J.(Ed.) *Philosophy of Mind: Classical and Contemporary Readings*. Oxford, New York: Oxford University Press, 2002.
- Heil, John. *Philosophy of Mind: A Contemporary Introduction*. Third Edition. London, New York: Routledge, 2013.
- Crane, Tim. *The Mechanical Mind: A Philosophical Introduction to Minds, Machines and Mental Representations*. Second Edition. London, New York: Routledge, 2003.
- Churchland, Paul M. *Matter and Consciousness*. Third Edition. Cambridge, Massachusetts: The MIT Press, 2013.

Choice Based Credit System
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B.A (Hons.)/ Core Course (C)

C13: Reading Philosophical Texts

Unit I: Indian Text

Tarkasamgraha with *Dīpikā-Tīkā* of Annambhaṭṭa

1. *Buddhi, Smṛti, Yathārtha* and *Ayathārtha Anubhava, Karaṇa* (instrumental cause), *Kāraṇa* (cause) and *Kārya*.
2. *Pratyakṣa* as *Pramā* and *Pramāṇa, Nirvikalpaka* and *Savikalpaka Pratyakṣa*, Different kinds of *Laukika Sannikarṣa*, Perception of *Abhāva*.
3. *Anumiti* and *Anumāna, Parāmarśa, Pakṣatā, Vyāpti* and *Vyāptigraha, Svārthānumāna, Parārthānumāna*, Analysis of *Pañcāvayavī-Nyāya*; Classification of *Liṅga*, Classification of *Pakṣa, Sapakṣa, Vipakṣa*, Marks of *Sadhetu, Lakṣaṇa* of *Hetvābhāsa*, Kinds of *Hetvābhāsa* with examples, *Upādhi* and its kinds.
4. *Upamiti* and *Upamāna*.

Unit II: Western Text

Bertrand Russell's *The Problems of Philosophy*

or

Plato's *Meno*

or

Plato's *The Republic* (Chapter on Justice)

Suggested Readings:

English:

- *Tarkasamgraha* with *Dipika--Annambhatta* : Tr. and annotated in English by Gopinath Bhattacharya
- *Tarkasamgraha*: M.R. Bodas & Y.V. Athalye (tr. & ed.)
- *A Primer of Indian Logic*: Kuppaswami Shastri

- Annambhaṭṭa, *Tarkasamgraha* with *Dīpikā Tīkā*, Translated and Annotated in English by Gopinath Bhattacharya, Progressive Publishers, 1983
- Annambhaṭṭa, *Tarkasamgraha* with *Dīpikā Tīkā* and *Nyāyabodhinī*, Translated and Edited with notes in English by M.R. Bodas & Y.V. Athalye, Bhandarkar Oriental Research Institute, 1974.
- Kuppaswami Shastri, *A Primer of Indian Logic*, Kuppaswami Shastri Research Institute, 1951.
- Russell, Bertrand. *The Problems of Philosophy*. Oxford: Oxford University Press. 1980.
- Plato, *Meno*, Createspace Independent Publication, 2015
- Plato, *Republic*

Bengali:

- Tarkasamgraha with Dipika – Annambhatta: Annotated in Bengali by Narayan Chandra Goswami
- Tarkasamgraha with Dipika – Annambhatta : Translated in Bengali by Indira Mukhopadhyay
- Tarkasamgraha with Dipika: Translated and annotated in Bengali by Pancanan Shastri
- Bengali Translation of *Nyayakusumanjali* by Pandit Srimohana Bhattacharya (paschimbanga Rajya PustakParishad
- Annambhaṭṭa, *Tarkasamgraha* with *Dīpikā Tīkā*, Translated and Annotated in Bengali by Pancanan Shastri, Sanskrit Pustak Bhandar.
- Annambhaṭṭa, *Tarkasamgraha* with *Dīpikā Tīkā*, Translated and Annotated in Bengali by Narayan Chandra Goswami, Sanskrit Pustak Bhandar.
- Annambhaṭṭa, *Tarkasamgraha* with *Dīpikā Tīkā*, Translated and Annotated in Bengali by Indira Mukhopadhyay, Gopinath Bhattacharya, Progressive Publishers, 1983.

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C14: Trends in 20th Century Western Philosophy

Unit I

1. Hegel's Absolute Idealism

Unit II

1. Husserl's Transcendental Phenomenology

Unit III

1. Existentialism of Heidegger and Sartre

Unit IV

1. Logic, Language and Ontology (Frege, Russell and Wittgenstein)

Suggested Readings:

- Critchley, Simon. What is Continental Philosophy? In *International Journal of Philosophical Studies*, 2008, PP. 347-363.
- Kearney, Richard. *Dialogues with Contemporary Continental Thinkers, the Phenomenological Heritage*. Manchester: Manchester University Press, 1984.
- Foucault, M. "What is Enlightenment?" In *Foucault Reader*, edited by Paul Rabinow. New York: Pantheon Books, 1984, pp. 32–50.
- Glendinning, Simon. *The Idea of Continental Philosophy*, Edinburgh: Edinburgh University Press, 2006.
- Sartre, Jean-Paul. *Being and Nothingness: An Essay on Phenomenological Ontology*. Translated by Hazel E. Barnes, introduction by Mary Warnock. London: Methuen, 1958.
- Sartre, Jean-Paul. *Existentialism Is a Humanism*. Translated by Carol Macomber, introduction by Annie Cohen-Solal, notes and preface by ArletteElkaïm-Sartre. New Haven: Yale University Press, 2007.
- Dummett, Michael. *Origins of Analytic Philosophy*. Cambridge: Massachusetts: Harvard University Press, 1993.
- Passmore, John. *A Hundred Years of Philosophy*. Penguin Books, 1968.

Choice Based Credit System
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B.A (Hons.) / Discipline Specific Elective (DSE)

DSE 1: Philosophy of Literature

Unit I: Introduction to Philosophy of Literature

1. Salient features of Philosophy of literature
2. The relation between Philosophy and Literature
3. Similarity and difference between Philosophical Writing and Literary Writings
4. Possibility of Convergence of Philosophy and Literature

Unit II: Fundamental Issues in Philosophy of Literature

1. Right and Wrong
2. Truth and falsity
3. Meaningfulness and Absurdity

Unit III: Philosophy through Literature: Some Issues

1. Self-Knowledge and Self-deception
2. Guilt and shame
3. Regret and Remorse

Suggested Readings

- Gaarder, Jostein. *Sophie's World: A Novel About the History of Philosophy*. Translated by Paulette Moller. New York: Farrar, Straus and Giroux, 2007 (1952).
- Cunningham, Anthony. *The Heart of What Matters: The Role for Literature in Moral Philosophy*, Berkeley: University of California Press, 2001.
- Eileen, John and Dominic McIver Lopes, eds. *Philosophy of Literature: Contemporary and Classical Readings*. Oxford: Blackwell, 2004.
- Hogan, Patrick Colm. *Philosophical Approaches to the Study of Literature*. Gainesville: University Press of Florida, 2000.
- Lloyd, Genevieve. *Being in Time: Selves and Narrators in Philosophy and Literature*. London: Routledge, 1993.

- Ortony, Andrew, ed. *Metaphor and Thought*. Cambridge: Cambridge University Press, 1993.
- Ricouer, Paul. *Time and Narrative*. Translated by K. McLaughlin and D. Pellauer. Chicago: University of Chicago Press, 1985.
- Punter, David. *Metaphors*. London: Routledge, 2007.
- Sartre, Jean-Paul. *What is Literature?* Translated by Bernard Frechtman. London: Methuen University Paperbacks, 1967.

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B.A (Hons.) / Discipline Specific Elective (DSE)

DSE 2: Theories of Consciousness

Unit I: Introduction to the nature of Consciousness

1. Consciousness and Experience
2. Consciousness and Natural world
3. Various Properties of Consciousness

Unit II: Concepts of Consciousness

1. Phenomenal Consciousness
2. Access Consciousness
3. Self Consciousness

Unit III: Consciousness and Physicalism

1. Materialist theories of Consciousness
2. Neurobiological Theories of Consciousness
3. Critique of Materialist theories of Consciousness

Suggested readings:

- Block N. Concept of Consciousness' in *Consciousness, Function and Representation*, MIT Press, USA, 2007.
- Dennett, D. Quining Qualia- in *Consciousness in Modern Science*, A. Marcel and E. Bisiach (eds.), Oxford University Press, 1988.
- Chalmers, D. *The Conscious Mind.*, Oxford University Press, New York, 1996.
- Chalmers, D. Can We Solve the Mind-Body Problem?' by Colin McGinn in *Philosophy of Mind*-T.O'Connor&D.Robb, Routledge, London, 2003.
- Chalmers, D. Consciousness and Its Place in Nature –in *Blackwell Guide to the Philosophy of Mind*, Stich and Warfield (eds.), Blackwell, 2003.
- Jackson, F. Epiphenomenal Qualia, *Philosophical Quarterly* 32, 1982.

- Nagel, T. What It Is Like To Be A Bat? in *The Nature of Mind*, D. M. Rosenthal (ed), Oxford University Press 2001.
- Searle, John R. *The Rediscovery of the Mind*, The MIT Press, Massachusetts, 1994.

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B.A (Hons.) / Discipline Specific Elective (DSE)

DSE 3: Philosophy of Art

Unit I

1. What is Aesthetics [branch of philosophy, concerned with the nature and appreciation of art, beauty and good taste]
2. What is art [views of John Dewey, LeoTolstoy, M Beardsley and Dadaist art movement]
3. Mimesis [Plato and Aristotle]

Unit II

Aesthetic Judgements:

1. semantics of aesthetic judgements -- whether they are simply statements about subjective preference, or, have some non-subjective basis.
2. justification of aesthetic judgements, aesthetic principles, and the basis of aesthetic properties.

Unit III

1. Aesthetic attitudes
2. Metaphors
3. can art be a vehicle of truth

Unit IV

Important theories of Art:

1. Representational theory
2. Expression theory
3. Intuitionistic theory
4. Anti-Essentialist theory

Unit V

Indian Aesthetics

1. The Rasa Siddhaanta (theory of aesthetic experience) of Bharata, 5th century
2. Alankaravaada -- Bhamah, 6th century -- theory of figures
3. Riti -- Vaamana, 8th century -- theory of style
4. Dhvani -- Aanandavardhana, 9th century -- poetic figures, theory of suggestion
5. Vakrokti -- Kuntaka, 11th century -- theory of oblique expression
6. Auchityavaada -- Khemendra, 11h century -- theory of propriety

Suggested readings:

- Parkar, Dewitt H., *The Principles of Aesthetics (2nd edn)*, Appleton-Century, Crofts 1946.
- Cooper David E. (Ed.), *A Companion to Aesthetics*, Blackwell.
- Korsmeyer Carolyn (Ed.), *Aesthetics: The Big Questions*, Blackwell, 1998.
- Graham Gordon, *Philosophy of the Arts: An Introduction to Aesthetics (3rd edn)*, Routledge, 2005.
- Cooper, D. E., *Metaphor*, Basil Blackwell, 1986.
- Dasgupta Sudhir Kumar, *Kavyaloka*, Dey's Publishing House
- De S. K., *History of Sanskrit Poetics*.
- Ghosh Raghunath, *Shilpa Satta o Yukti*, Sarat Book House.

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DSE4: Analytic Philosophy

Unit I

Beginning of Analytic Philosophy -- Its Distinctive Marks: Frege, Russell, Moore, Wittgenstein

Unit II

Issues in Philosophy of Language: distinctions learnt from uses of language, Reference; Meaning; Truth

Unit III

Issues in Philosophy of Logic: puzzles from Frege and Russell; assumptions of logic: two-valued, realist

Unit IV

Example of Analytical philosophical writing is: Russell, *The Problems of Philosophy*

Suggested readings:

- Hospers, John. *An Introduction to Philosophical Analysis*. Fourth Edition. New York and London: Routledge, Taylor and Francis Group, 2005. (the 1st ch especially for the first item in 2)
- Munitz, Milton K. *Contemporary Analytic Philosophy*. Pearson, 1981. (For items 1, 2 and 3)
- Bunnin, Nicholas and E. P. Tsui-James. *Blackwell Companion to Philosophy*, Blackwell Publishing. (Relevant portions)
- Russell, Bertrand. *The Problems of Philosophy*. Oxford: Oxford University Press. 1980.
- (At least chapters 1 to 5)

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DSE5: History and Philosophy of Science

Unit I: What is science?

1. Fundamental requirements from a scientific theory
2. The dual roots of science
3. Demarcation, naturalism, science and pseudoscience
4. Induction
5. Causality

Unit II: Scientific explanation

1. The hypothetic-deductive method
2. Detecting causes and inference to the best explanation
3. Unification, reductionism

Unit III: Scientific theory change

1. Verification
2. Falsification 8. Scientific theory change
3. Scientific revolutions

Unit IV: Values and norms in science

1. Are scientists morally responsible?
2. Values and norms in science

Unit 5: Recent trends in Philosophy of Science

Suggested Readings:

- Ladyman James, *Understanding Philosophy of Science.*: Routledge, London, 2002.
- Selected papers from McGrew, Tim, Alspector-Kelly, Marc, &Allhoff, Fritz, *Philosophy of science. An historical anthology*, Wiley-Blackwell, Chichester, 2009.
- Dear, Peter, *The intelligibility of nature. How science makes sense of the world, Introduction*, University of Chicago Press, Chicago,2006
- Dunbar, Kevin, &Fugelsang, Jonathan, *Scientific thinking and reasoning*. In K.J, 2005

- Holyoak & R. Morrison (Eds.), *Cambridge handbook of thinking and reasoning*, Cambridge University Press, New York.
- Week 12 De Cruz, Helen & De Smedt, Johan *The value of epistemic disagreement in scientific practice. The case of Homo floresiensis. Studies in History and Philosophy of Science A*, 44, 169–177, (2013).
- Helen (1991) “Multiplying subjects and the diffusion of power”, *Journal of Philosophy*, 88, 666–674.

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DSE 6: Bioethics

Unit 1: Introduction to Bioethics

1. Understanding of ethics and bioethics
2. Human Rights
3. Individual responsibility and Social Responsibility

Unit II: Health

1. Health and Society
2. Environment and human life

Unit III: Ethics and Scientific Experiments

1. Abortion
2. Cloning
3. Euthanasia
4. Organ Harvesting
5. Human Experimentation

Suggested Readings:

- Kuhse, H. and Singer, P. (2008) Bioethics: An Anthology, 2nd Ed. Blackwell.
- Singer, Peter A. and Viens, A. M. (2008)
- The Cambridge Textbook of Bioethics, Cambridge: Cambridge University Press.
- Vaughn, L. (2012) Bioethics: Principles, Issues and Cases, Oxford: Oxford University Press.
- The Essentials of Forensic Medicine and Toxicology- Dr. K.S. Narayanan Reddy (Ch.3 'Medical Law and Ethics') K. Suguna Devi, Hyderabad
- Introduction to Bio-Ethics-J. Bryant, L. Baggett la Velle and John Searle (Ch.V 'Bio-technology and Bio-ethics' &Ch.IX 'Cloning and Stem Cells')
- Principles of Biomedical Ethics – Tom. L.Beauchamp, & J.F. Childress,1994,USA,OUP

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DSE 7: Feminist Philosophy

Unit I: Feminist theories: A historical overview

1. Definitions – Liberal, Radical, Socialist, Marxist, and Existentialist feminism (Simone de Beauvoir)
2. Patriarchy and Feminist Movement

Unit II: Epistemology and Ethics

1. Standpoint epistemology : Sandra Harding
2. The issue of Objectivity : Helen Longino
3. Care Ethics

Unit III: Women and Society

1. Role of Women in preserving the environment – Chipko movement.
2. Reconceptualising Reason: Michelle le Deouff, Val Plumwood.

Unit IV: Some Practical Issues

1. Domestic Violence
2. Unpaid household labor
3. The politics of body; abortion; birth-control

Suggested Readings:

- Mandell, Nancy (ed.), *Feminist Issues: Race, Class and Sexuality*, (3rd Edition), PrenticeHall, Toronto: York University, 2001.
- Beauvoir, Simone de, *Second Sex*, H. M. Parshley (tr.), (Book 1, Part 1, Ch.1), Vintage
- M. Fricker, & Hornsby, J (eds.), *The Cambridge Companion to Feminism in Philosophy*, Cambridge: Cambridge University Press, 2000.
- Harding, Sandra, "Is there a Feminist Method?" *Feminisms, Oxford Reader*, pp160-170.

- Aggarwal, Bina, "The Gender and the Environmental Debate Lessons from India" *Feminist Studies* 18, No 1, (spring) 1992, pp 119-158.
- Doeuff, Michelle le, *Hipparchia's Choice: An Essay Concerning Women, Philosophy, etc.*, (trans.) by T.Selous, Oxford: Blackwell, 1991.
- Plumwood, Val, *Feminism and the Mastery of Nature*, London: Routledge, 1993.
- Longino, Helen, *Science as Social Knowledge: Values and Objectivity in Scientific Inquiry*, Princeton, NJ: Princeton University Press, 1990.
- Squires, Judith and Kemp, Sandra, *Feminisms*, Oxford Reader, OUP, USA, 1998.
- Johnson, Lesley & Lloyd, Justine, *Sentenced to Everyday Life: Feminism and the Housewife*, Berg, 2004.
- Overall, Christine, "Selective termination of pregnancy and women's reproductive autonomy" in *Applied Ethics* (eds.) by May, L. & Sharratt, S.R., NJ: Prentice-Hall, 1994.
- Rowbotham, S & Mitter, S. (eds.), *Dignity and Daily Bread*, London: Routledge, 1994.
- Mandell, Nancy (ed.), *Feminist Issues: Race, Class and Sexuality*, (3rd Edition), PrenticeHall, Toronto: York University, 2001.
- Tronto, Joan, "An Ethics of Care", *Feminist Theory: A Philosophical Anthology*, Blackwell, 2007.
- "Feminist Ethics", *Stanford Encyclopaedia of Philosophy*.
- "Care Focused Ethics: Reconciling Justice and Care", *Cambridge Companion to Feminism in Philosophy*, (eds.) Miranda Fricker and Jennifer Hornsby.
- Kiss, Elizabeth, "Justice", *A Companion to Feminist Philosophy*, (eds.) A. M Jaggar and I.M. Young, Blackwell, 2000.

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B.A (Hons.) / Discipline Specific Elective (DSE)

DSE 8: Theories of Error in Indian Philosophy

UNIT I

1. Introduction to Indian Theories of Error: *Khyātivāda*.
2. Varieties of *Khyātivāda*.
3. *Ātmakhyāti*.
4. *Asatkhyāti*.

UNIT II

1. *Akhyāti*.
2. *Anyathākhyāti*.
3. *Viparītakhyāti*.

UNIT III

1. *Anirvacanīyakhyāti*.
2. *Rāmānuja's Satkhyāti*.

Suggested Readings:

- Sinha, J.N., *Indian Psychology, Vol. I, II and III*, Delhi, Varanasi, Putna, Bangalore, Madras, Calcutta, Motilal Banarasidass, 1996.
- Sen, N.L., *A Critique of the Theories of Viparyaya*, Calcutta, Rabindra Bharati, 1st June, 1965.
- Kar, B., *The Theories of Error in Indian Philosophy: An Analytical Study*, Delhi, Ajanta Publications (India), August, 1978.
- Vidyāranya Muni, *Vivaraṇa Prameya Saṁgraha*, Translated in Bengali by Pramathanath Tarkabhushan, Kolkata, Vasumati Sahitya Mandir, 1927.
- Pandurangi, K.T., *Prakaraṇapañcikā of Śālikanātha: with an exposition in English*, New Delhi, Indian Council of Philosophical Research, D.K. Printworld (P) Limited, 2011.
- Rāmānujācārya, *The Vedānta Sūtras with the Śrī-Bhāshya, Vol. I*, Translated in English by M. Raṅgācārya and M.B. Varadarāja Aiyangār, Madras, Published by M.C. Alasingapperumal (The Brahmavadin Press), 1899.
- Viśvanātha, *Bhāṣāpariccheda*, Translated and elucidated with an explanation on Viśvanātha's commentary *Nyāyasiddhāntamuktāvalī* named *Muktāvalīsaṁgraha* by Panchanan Bhattacharya, Kalikata, Sanskrit Pustak Bhandar, 1947.
- Dharmakīrti, *Pramānavārttika*, Allahabad, Kitab Mahal, 1943.

- Dharmarājādhvarīndra, *Vedānta Paribhāṣā*, Translated, edited and elucidated in Bengali by Panchanan Bhattacharya Sastri, Calcutta, Sanskrit Pustak Bhandar, 1971.

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DSE 09: Western Logic

Unit I

R. Jeffery: *Formal Logic—Its scope and Limits* (first edn.) [Ch.IV]

1. Truth-tree method
2. Stroke and dagger

Unit II

I. M. Copi: *Symbolic Logic* [Ch. 3.5-3.7]

1. Indirect Proof
2. Conditional proof
3. Strengthened Rule of Conditional Proof

Unit III

P. Suppes: *Introduction to Logic* (Indian edn.) [Ch.9, Section 9.1 to 9.7]

1. Intuitive Set Theory- Introduction
2. Relations
3. Membership
4. Inclusion
5. The Empty Set
6. Operations on Sets

Suggested Readings:

- Jeffery R., *Formal Logic—Its scope and Limits*, Hackett Publishing Co, 2006.
- Copi I. M., *Symbolic Logic*, 5th edition, Pearson, 1979.
- Suppes P., *Introduction to Logic*, Dover Publications Inc., 1999.
- Chakraborty Chhanda, *Logic: Informal, Symbolic and Inductive*, Prentice Hall of India Private Limited, 2006.
- Baronett Stan & Sen Madhuchhanda, *Logic*, Delhi, Pearson, 2008.
- Das Ramaprasad, *SanktetikYuktivijnan (Vakyakalan O Vidheyakalan)*
- Das Ramaprasad, *Yukhtivaijnani Paddhati*
- Das Ramaprasad o Bhattacharya Subirranjan, *SamsadYuktivijnanAbhidhan*

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DSE 10: *Dharmanīti*

Unit I

4. Basic Concepts of Indian Ethics
5. *Dharma, Puruṣārthas*, the Law of *Karma*

Unit II

1. Ethics of the *Gītā*
2. *Niṣkāma Karma* and *Svadharmā*

Unit III

1. *Yama* and *Niyama* of *Yoga*
2. *Vidhi* and *Niṣedhas*

TEXTS:

1. *Gītā*
2. *Dhammapada*
3. *Arthasaṁgraha*
4. *Ethics and Epics: Philosophy, Culture and Religion*: B.K. Matilal

Suggested Readings:

- Matilal, B.K., *Ethics and Epics: Philosophy, Culture and Religion*, Motilal Banarasidass, Delhi, 2017.
- Sharma, I.C., *Ethical Philosophies of India*, George Allen & Unwin Ltd., London, 1965.
- Chatterjee, S.C., *Fundamentals of Hinduism - A Philosophical Study*
- Maitra S.K., *The Ethics of the Hindus*
- *Laugaksibhaskara: Arthasamgraha* (Edited by Swami Bhargananda)
- Hiriyanna, M., *The Indian Conception of Values*
- Dasgupta, S., *Development of Moral Philosophy in India*
- Kane, P.V., *History of Dharma Sastra*, Vol.1, Bhandarkar Oriental research Centre, 1930.

- Charaborty, S. C., *The Concept of Purusarthas*
- Chatterjee, A., *Bharatiya Dharmaniti*, Allied Publishers, New Delhi, 1998.
- Gupta, Dikshit, *Nitisastra*
- Bhhattacharya Samarendra, *Nitividya*
- Chakraborty, Sibapada, *Nitividya*

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B.A (Hons.)

DSE11: Philosophy of Religion

Unit I: Nature of Philosophy of Religion

1. Definition, Nature and Scope of Philosophy of Religion

Unit 2: Origin, Development and Types of Religion

1. Anthropological Theories
2. Psychical Theories
3. Tribal, National and Universal religion

Unit 3: Grounds of Belief in God

1. Cosmological argument
2. Teleological argument
3. Ontological argument

Unit 4: Grounds of Disbelief in God

1. Sociological Theory
2. Freudian Theory

Unit 5: The peculiarity of Religious Language

1. The Doctrine of Analogy (Aquinas)
2. Religious Statements as Symbolic (Tillich)
3. Braithwaite's Noncognitive Theory
4. The Language-Game Theory

Unit 6: Relation of Philosophy of Religion to Theology and Philosophy

1. Difference between Theology and Philosophy of Religion

Suggested Readings:

- Edwards, D. Mial, *The Philosophy of Religion*, Progressive Publishers: Calcutta, 1993.
- Hick, H. John, *Philosophy of Religion*, Prentice-Hall of India: New Delhi, 1994.
- Durkheim, Emile, *The Elementary Forms of the Religious Life*, Oxford Word's Classics, Trans. Carol Cosman, 2010,
- Swinburne, Richard, *The Existence of God*, New York: Oxford University Press, 1979.
- James, William, *The Varieties of Religious Experience: A Study in Human Nature*, Cambridge, MA: Harvard Univ. Pr., 1985 (orig. ed. 1902)
- Lewis. H.D. & Robert H.L. Slater, *World Religions: Meeting Points and Major Issues*, London: Watts. 1966.
- Slater, Peter, *The Dynamics of Religion: Continuity and Change in Patterns of Faith*, London: SCM Press, 1979, c1978.
- Smith, Huston, *Why Religion Matters: The Fate of the Human Spirit in an Age of Disbelief*, New York: Harper Collins, c2001.
- Smith, Wilfred Cantwell, *Religious Diversity* (ed. by W.G. Oxtoby). New York: Crossroad, 1982, c1976.
- Nielsen, Niels C., Jr., et al, *Religions of the World*. New York: St. Martin's Press, 2nd ed. 1988.
- Oxtoby, Willard G. (ed.), *World Religions: Western Traditions; World Religions: Eastern Traditions*, Toronto: Oxford Univ. Pr., 1996; 2nd ed. 2002.

- Connell, J. O'., "Introduction to Religious Studies in South Asia: The Dhaka Initiative", *Bangladesh e-journal of Sociology*, 8/1 (January): pp. 5–18, 2011.
- ----- "Academic Study of Religion in Bangladesh: Challenges and Opportunities." *Nibandhamālā*, Bulletin of the Centre for Advanced Research in the Humanities, University of Dhaka, 15: pp. 73–108, 2009.
- ----- "The Task of a Humanist in Bangladesh." *Nibandhamālā*, Bulletin of the Centre for Advanced Research in the Humanities, University of Dhaka, 14: 123–146, 2007.

Choice Based Credit System
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B.A (Hons.) / Skill Enhancement Course (SEC)

SEC1, Semester 3: Seminar Paper Writing

SEC2, Semester 4: Seminar Paper Writing

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B.A (Hons.) / General Electives (GE)

GE1 (Semester 1): Philosophy of Psychology

Unit I

1. Nature of commonsense psychology
2. Arguments for the autonomy of psychology
3. Definition and nature of philosophy of psychology

Unit II

1. Behaviourism (B. F. Skinner), Reductionism and physicalism, Functionalism
2. Models of psychological explanation: An overview

Suggested Readings:

- Ned Block (1980) ed. Readings in Philosophy of Psychology, Vol –1, London: Methuen and Co. .
- Jose Luis Bermudez (2005). Philosophy of Psychology: A contemporary Introduction. New York: Routledge .
- Ian Ravenscroft (2005). Philosophy of Mind: A Beginner's Guide. New York: Oxford University Press

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GE2 (Semester 1): PHILOSOPHY OF SCIENTIFIC METHOD

UNIT-I

1. Induction as Scientific Method of Enquiry.
2. Problem of Induction.
3. Cause and Effect.
4. Causal Law and Uniformity of nature.
5. Mill's Methods:
 - Method of Agreement
 - Method of Difference
 - Joint Method of Agreement and Difference
 - Method of Residues
 - Method of Concomitant Variation
6. Criticism of Mill's method:
 - Are they instruments for discovery?
 - Are they Rules for Proof?
7. Vindication of Mill's method:
 - Testing Hypothesis
 - Pasteur and Controlled Experimentation

UNIT-II

1. Science and Hypothesis: Value of science – Scientific and Unscientific
2. Evaluating Scientific Explanations:
 - Relevance
 - Testability
 - Compatibility
 - Predictive and Explanatory Power
 - Simplicity
3. The Detective as Scientist:
 - The Problem
 - Preliminary Hypothesis
 - Collecting Additional Facts
 - Formulating the Hypothesis
 - Deducing Further Consequences
 - Testing the Consequences
 - Application
4. Scientists in Action: Pattern of Scientific Investigation

5. Crucial Experiments and Ad Hoc Hypotheses
6. Classification as Hypothesis

UNIT-III

1. Probability: Alternative Conceptions of Probability
2. The Probability Calculus
 - Joint Occurrences
 - Alternative Occurrences
3. Expectation or Expected value

Suggested Readings:

- Copi, I.M. and C. Cohen, *Introduction to Logic*, 9th edn., Macmillan, 1990.
- Cohen, Morris, F., *Introduction to Logic and Scientific Method*, Read Books Private Limited.
- Chakraborty, C., *Logic: Informal, Symbolic and Inductive*, Prentice Hall of India, 2007.
- Baronett, S., *Logic*, Oxford University Press, 2015.
- Hospers, J., *An Introduction to Philosophical Analysis*, Allied Publishing House.

**Choice Based Credit System
Department of Philosophy
Presidency University
B.A (Hons.) /General Electives (GE)**

GE3 (Semester 2): Introduction to Critical Thinking

Unit I

1. What is Critical Thinking
2. Standards of Critical Thinking: Benefits and Limitations

Unit II

1. Arguments and Recognising Argument
2. Types of Reasoning
 - Analogical
 - Legal
 - Moral

Unit III

Fallacies of

- Logic
- Informal Arguments
- Ordinary Language

Unit IV

Critical Thinking in Science

- Evidential Support
- Objectivity

Suggested Readings:

- Sen, M. *An Introduction to Critical Thinking*. Delhi: Pearson, 2008.
- Copi, I. M. *Introduction to Logic*, 14th Edition. London and New York: Routledge, Taylor and Francis Group, 2014.
- Noisich, G. M. *Learning to Think Things Through: A Guide to Critical Thinking Across Curriculum*. Fourth Edition. Delhi: Pearson, 2012.

**Choice Based Credit System
Department of Philosophy
Presidency University
B.A (Hons.) /General Electives (GE)**

GE4 (Semester 2): Recent Indian Philosophers

- Rabindranath Tagore
- Swami Vivekananda
- Mahatma Gandhi
- Bankim Chandra
- Sri Aurobindo

Suggested Readings:

- Dutta, D.M., *Philosophy of Mahatma Gandhi*, Calcutta University, 1953.
- Raghuramaraju, A., *Debates in Indian Philosophy: Classical, Colonial and Contemporary*. New Delhi: Oxford University Press, 2006.
- Raghuramaraju, A., *Debating Vivekananda: A Reader.*: Oxford University Press, Delhi. 2014.
- Sri Aurobindo, *The Life Divine*, Sri Aurobindo Ashram Publication, Pondicherry, 2001.

Choice Based Credit System
Department of Philosophy
Presidency University
B.A (Hons.) /General Electives (GE)

GE5 (Semester 3): Bio- Medical Ethics

Unit 1

Fundamentals of Medical Ethics

1. Duties of Medical Practitioners
2. Professional negligence
3. Products liability, malpractice, human experimentation

Unit 2

Ethics and Clinical Experiments

1. Nature of clinical trial
2. Ethics of cloning
3. Surrogacy
4. Issues related to the beginning of life and the end of life
5. Organ transplantation.

Suggested Readings:

- Tom. L. Beauchamp, J.F. Childress, *Principles of Biomedical Ethics*, Oxford University Press, USA, 1994.
- Walter Glannon, *Biomedical Ethics*, Oxford University Press, Oxford, 2005.
- Dr. K.S. Narayanan Reddy (Ch.3 'Medical Law and Ethics'), K. Suguna Devi, *The Essentials of Forensic Medicine and Toxicology*, Hyderabad

**Choice Based Credit System
Department of Philosophy
Presidency University
B.A (Hons.) /General Electives (GE)**

GE6 (Semester 4): Philosophy and Peace Studies

Unit I: Significance of Peace studies

1. Meanings of Peace;
2. Peace Movements
3. Meanings of War
4. Significance of Nuclear Weapons

Unit II

1. Reasons for War: Individual & Group Level
2. The State & Decision-making of Leaders
3. Ideological Influences, Population, and Military Spending
4. Diplomacy, Conflict Resolution & Collective Security Issues

Unit III

1. Disarmament and Arms Control
2. Pagwash Movement and Russell-Einstein Manifesto
3. Peace and Harmony in Early India
4. Gandhi and theory of Non-violence.

Unit IV

1. Building Positive Peace
2. Human Rights (Human Rights Documents)
3. Ecological & Economic Well-Being
4. Global Peace Model

Suggested Readings:

- David P. Barash & Charles P. Webel. *Peace and Conflict Studies*. Thousand Oaks, CA: Sage Publications, 2002.
- Fischer, Louis (Editor). *The Essential Gandhi*. Random House, NY: Vintage Books, 1962.
- King, Martin Luther Jr. *Why We Can't Wait*. New York: Penguin Books, 1963.

- “Callings” from *Called by Name: Discovering Your Unique Purpose in Life* by Robert J. Furey. New York: Crossroad Publishing Co., 1996. 13-41.
- “Heart Searching and Life Choice” from *By Way of the Heart* by Wilkie Au. New York: Paulist Press, 1989. 57-84.
- *Justice in the World*. Synod of Catholic Bishops, 1971. Available on-line at <http://www.osjspm.org/cst/jw.htm>
- *The Challenge of Peace*. A Pastoral Letter on War and Peace by the USA Conference of Catholic Bishops, 1983. Available on-line at <http://www.osjspm.org/cst/cp.htm>

Presidency University

Department of Philosophy

Proposed Syllabus for PG Course in Philosophy

Sem. 7

PHIL 0701: Paper 17	Indian Epistemology and Tarkavidya	35+15	Marks
PHIL 0702: Paper 18	Western Epistemology	35+15	Marks
PHIL 0703: Paper 19	Western Logic 1	35+15	Marks
PHIL 0704: Paper 20	Western Metaphysics	35+15	Marks
PHIL 0781: Paper	Sessional 5 -Presentation/seminar/work shop	50	Marks

Sem. 8

PHIL 0801: Paper 21	Western Logic 2	35+15	Marks
PHIL 0802: Paper 22	Indian Metaphysics	35+15	Marks
PHIL 0803: Paper 23	Social and Political Philosophy	35+15	Marks
PHIL 0804: Paper 24	Western Ethics	35+15	Marks
PHIL 0881: Paper	Sessional 6 Presentation/seminar/work shop	50	Marks

Sem. 9

PHIL 0901: Paper 25	Theories of Truth	35+15	Marks
PHIL 0902: Paper 26	Linguistic Turn	35+15	Marks
PHIL 0903: Paper 27	Optional Courses	35+15	Marks
PHIL 0904: Paper 28	Optional Courses	35+15	Marks
PHIL 0981: Paper	Sessional 7 Presentation/seminar/work shop	50	Marks

Sem. 10

PHIL 1001: Paper 29	Phenomenology and Existentialism	35+15	Marks
PHIL 1002: Paper 30	Modern Indian Thoughts	35+15	Marks
PHIL 1003: Paper 31	Optional Courses	35+15	Marks
PHIL 1004: Paper 32	Optional Courses	35+15	Marks
PHIL 1081: Paper	Sessional 8 Presentation/seminar/work shop	50	Marks

Optional Courses

PHIL 0903: Paper 27	Optional Courses	35+15	Marks
27.1	Rational Foundations of Mathematics 1		
27.2	Western Logic 1		

- 27.3 Advaita Vedanta 1
- 27.4 Nyaya 1
- 27.5 Indian Logic 1
- 27.6 Indian Philosophy of Language 1
- 27.7 Western Philosophy of Language 1: Syntax
- 27.8 Applied Ethics 1
- 27.9 Feminist philosophy 1
- 27.10 Philosophy of Mind 1, Metaphysics of Mind
- 27.11 Philosophy of Science 1
- 27.12 Formal Semantics

PHIL 0904: Paper 28 Optional Courses

35+15 Marks

- 28.1 Rational Foundations of Mathematics 2
- 28.2 Western Logic 2
- 28.3 Advaita Vedanta 2
- 28.4 Nyaya 2
- 28.5 Indian Logic 2
- 28.6 Indian Philosophy of Language 2
- 28.7 Western Philosophy of Language 2: Semantics
- 28.8 Applied Ethics 2
- 28.9 Feminist Philosophy 2
- 28.10 Philosophy of Mind 2
- Representational Mind and Philosophy of Artificial Intelligence
- 28.11 Philosophy of Science 2
- History of Science: Early Modern to Contemporary Science
- 27.12 Formal Semantics 2

PHIL 1003: Paper 31 Optional Courses

35+15 Marks

- 31.1 Rational Foundations of Mathematics 3
- 31.2 Western Logic 3
- 31.3 Advaita Vedanta 3
- 31.4 Nyaya 3
- 31.5 Indian Logic 3
- 31.6 Indian Philosophy of Language 3
- 31.7 Western Philosophy of Language 3: Pragmatics
- 31.8 Applied Ethics 3
- 31.9 Feminist Philosophy 3
- 31.10 Philosophy of Mind 3
- Consciousness
- 31.11 Philosophy of Science 3
- Social History of Science
- 31.12 Formal Semantics 3

PHIL 1004: Paper 32 Optional Courses

35+15 Marks

- 32.1 Rational Foundations of Mathematics 4
- 32.2 Western Logic 4
- Philosophical Issues
- 32.3 Advaita Vedanta 4

32.4 Nyaya 4
32.5 Indian Logic 4
32.6 Indian Philosophy of Language 4
32.7 Western Philosophy of Language 4: Language and Continental Philosophy
32.8 Applied Ethics 4
32.9 Feminist Philosophy 4
32.10 Philosophy of Mind 4
Contemporary Issues in Philosophy of Mind
32.11 Philosophy of Science 4
Science in India
32.12 Formal Semantics 4

Sem. 7

PHIL 0701: Paper 17 Indian Epistemology and Tarkavidya

35+15 Marks

- a. Vedanta Paribhasa : Jnanagata and Visayagata pratyaksatva
- b. Vivarana Prameya Samgraha: Akhyativada and its rejection by Vidyaranya Muni.
- c. Nyaya Sutra of Gautama with Nyaya Bhasya : Clarification of the concept of pramana-samplava and pramana-vyavastha; pratyaksa-laksana and the efficacy of its defining terms (Nyaya Sutra 1.1.3, 1.1.4)
- d. i)Tarkasamgraha-Dipika: Paratahpramanyavada and svatahpramanyavada-Budhdhist and Vedanta theories.
ii)Bhasapariccheda with Muktavali: Paratahpramanya- pariksa

Suggested Readings:

- *Epistemology of Prachina and Navya Nyaya*- S.R. Saha
- *Nyaya O Mimamsa-sammata Pramanyavicara* – Jogendranath Bagchi, Sanskrit Pustak Bhandar
- *Nyaya Darsana(Goutama Sutra with Vatsayana Bhasya)*(translated and annotated in Bengali by Phanibhusan Tarkabagish) , West Bengal State Book Board.
- *Vedanta Paribhasa - Dharmaraja-dhvarindra* (annotated in Bengali by Pancanan Sastri), Sanskrit Pustak Bhandar
- *Vedantaparibhasa*, Pandit Srimohana Tarkavedantatirtha (Bengali Trans.)
- *Vedantaparibhasa*, (English trans. With elucidations by Gopinath Bhattacharya and Prabal Kumar Sen, to be published in July, 2013)
- *Vedanta Paribhasa-Dharmraja-dhvarindra(with Paribhasa-Sangraha Tika in Sanskrit by Pt. Pancanan Sastri),Pt.Pancanan Sastri*
- *Tarka Samgraha with Dipika-Annambhatta* (translated and annotated in Bengali by Pt. Pancanan Sastri) , Pt. Pancanan Sastri
- *Tarka Samgraha with Dipika-Annambhatta* (translated and annotated in English by Gopinath Bhattacharya), Progressive Publishers
- *Tarka Samgraha with Dipika-Annambhatta* (annotated in Bengali by Narayan Goswami), Sanskrit Pustak Bhandar
- *Bhasapariccheda with Muktavali* by Visvanatha Nyayapancanan (translated , annotated in Bengali with Muktavali-Samgraha tika in Sanskrit by Pancanan Sastri), Pt. Pancanan Sastri(ed)
- *Vivarana Prameya Samgraha* by Vidyaranya Muni (translated and annotated in Bengali by Pramathanath Tarkabhusan), Basumati Sahitya Mandir
- *Perception*- B.K Matilal ,Oxford University Press

Sem. 7

PHIL 0702: Paper 18

Western Epistemology 35+15 Marks

- a. *Immanuel Kant's Critique of Pure Reason* - N.K. Smith (From Introduction to Transcendental Deduction)
- b. Some issues in epistemology:
 - i) Nature & definition of knowledge ,Gettier Problem and Chisholm's response;
 - ii) Scepticism & the possibility of knowledge;
 - iii) Justification of knowledge claim, Internalist theories of justification: Foundationalism, Coherentism, Reliabilism.

Suggested Readings:

- *Immanuel Kant's Critique of Pure Reason* - N.K. Smith, Palgrave MacMillan
- *Kant's Metaphysics of Experience*: H.J. Paton, London: Routledge, 2002
- *Kant*- Stephen Korner, Yale University Press,1982
- *Kant's Theory of Knowledge* – Sandhya Basu, Papyrus
- *Justification: Concepts and Theories* – Sandhya Basu, Progressive
- *Kant's Theory of Synthetic Apriori*- Jolly Ghosh
- *Kant*-P. Guyer, Routledge, 2006.
- *Routledge Philosophy Guidebook to Kant and the Critique of Pure Reason*- Sebastian Gardner, Routledge,1999,
- *Kant: An Introduction*- C.D. Broad, Cambridge University Press, 1978.
- *Handbook to Kant's Critique* – Rasvihary Das
- *Ignorance: A Case for Scepticism*- P. Unger, Clarendon Press, 1975.
- *Contemporary Theories of Knowledge*- J.L. Pollock, Boston: Rowman & Littlefield Publishers Inc., 1999.
- *Theory of Knowledge* - K. Lehrer, Routledge,1990
- *Theory of Knowledge* - R. Chisholm (3rd Edn.), Prentice-Hall, 1977.
- *The Problem of Knowledge*-A.J. Ayer, Penguin, 1961.
- *Introduction to Contemporary Epistemology*-J. Dancy, Blackwell
- *Philosophy*- A.C. Grayling (ed.) Vol.1
- *A Companion to Epistemology*-Dancy & Sosa, Blackwell,1992
- *Evidence and Truth*- Sutapa Saha, Jadavpur Studies and Allied Publishers
- *Epistemic Justification: Essays in the Theory of Knowledge*- W. Alston, Cornell, U. Press, 1989
- *Belief, Justification and Knowledge*-Robert Audi, Wadsworth Pub. Co., 1988.
- *A Short Commentary in Kant's Critique of Pure Reason*, A.C. Euring

Sem. 7

PHIL 0703: Paper 19 Western Logic 1 35+15 Marks

- a. Truth-tree method.
- b. Intuitive set theory: definition, basic operations, set identities, Relations, and Functions, properties of Relations.
- c. Quantification theory: Multiple general propositions, techniques of symbolisation, quantification rules, proof construction, logical truths involving quantifiers, proving invalidity.

Suggested Readings:

- *Symbolic Logic*-I.M. Copi (Ch.3.4-3.7,4,5),1979, Pearson Prentice Hall,Delhi
- *Formal Logic: Its Scope and Limits*-R. Jeffrey (Ch.4)
- *Introduction to Logic*-P. Suppes (Ch.9)
- *Introduction to Symbolic Logic*- Basson & O'Connor
- *Understanding Symbolic Logic*- V. Klenk, 2008, Pearson Prentice Hall
- *Logic and Proof Techniques*- R.A. Eberle

Sem. 7

PHIL 0704: Paper 20 Western Metaphysics 35+15 Marks

- a. i) Metaphysics: Aristotle (Scope of Metaphysics, Cause, Substance)
Recommended Text: *Aristotle's Metaphysics* , ed. & tr. J. Warrington. London: Dent, 1961.
- ii) Later developments of certain Aristotelian concepts:
Nature of Metaphysics (The Theory of Descriptive Metaphysics of P. F. Strawson)
Substance (Different Categories of 'Being': substance and properties, Bundle Theories of Substance versus Substratum theory)
- b. Cartesian view and later development on Dream argument, God, Truth and Error

Suggested Readings:

- *Aristotle*- W.D. Ross, Routledge,2004.
- *The Complete Works of Aristotle*-J. Barnes (ed.) [2 vol.s]
- *A New Aristotle Reader*-J.L. Ackrill (ed.), New Jersey: Princeton University Press, 1987.

- *Sameness and Substance*-David Wiggins, Oxford: Blackwell, 1980.
- *Sameness and Substance: Renewed*-David Wiggins, Cambridge: Cambridge University Press, 2001.
- *Nominalism and Realism: Universals and Scientific Realism, vol. 1* –D. M. Armstrong, Cambridge: Cambridge University Press, 1978.
- *Universals: An Opinionated Introduction*- D.M. Armstrong, Colorado: Westview Press, 1989.
- ‘On the Elements of Being’ 1&2- D.C. Williams in *Review of Metaphysics* 7 (1953)
- ‘Substance Substantiated’- C. B. Martin in *Austrasian Journal of Philosophy* 58 (1980).
- *Abstract Particulars*- K. Campbell, Oxford: Blackwell,
- *Metaphysics*-D.W.Hamlyn, Cambridge University Press, 1984
- *Meditations*-R. Descartes, F.E. Suttcliffe(trans) OUP,
- *Descartes Against the Skeptics*-E.M. Curley, Oxford: Basil Blackwell
- *Descartes*-John Cottingham, Oxford: Basil Blackwell
- *Descartes: The Project of Pure Inquiry*-B. Williams, 1978, Harvester Press.
- *Universal: An Opinionated Introduction*- D.M. Armstrong
- *Metaphysics: Contemporary Readings*- David Hales (ed.)
- *Individuals*- P.F. Strawson, London: Methuen, 1959.
- *Philosophy* (vol.1)- A.C. Grayling (ed.), 1995, Oxford: OUP
- *Metaphysics: A Contemporary Introduction*-Lous (ed.)

Sem. 7

PHIL 0781:

Paper Sessional 5

50 Marks

Presentation/seminar/work shop

Sem. 8

PHIL 0801: Paper 21

Western Logic 2

35+15 Marks

- a) The logic of relations: symbolising relations, arguments involving relations, some attributes of relation, identity.
- b) Problem of Entailment:
 - i) Bertrand Russell
 - ii) C.I. Lewis
 - iii) Strawson
 - iv) Non-Classical Logicians

Suggested Readings:

- *Symbolic Logic*-I.M. Copi (Ch.3.4-3.7,4,5),1979, Pearson Prentice Hall, Delhi.
- *Introduction to Symbolic Logic*- Basson & O'Connor
- *Understanding Symbolic Logic*- V. Klenk, 2008, Pearson Prentice Hall.
- *Logic and Proof Techniques*- R.A. Eberle.
- *Principia Mathematica*, Alfred North Whitehead, Bertrand Russell, Cambridge University Press, Volume I, 1910.
- *The Principles of Mathematics*, Bertrand Russell, Routledge, London, 1903.
- *Symbolic Logic*, C. I. Lewis, and C. H. Langford, The Century Co, New York and London, 1932.
- *A survey of symbolic logic*, C. I. Lewis, 1918, Berkeley University of California Press.
- *Introduction To Logical Theory*, P.F. Strawson, Methuen & Co Ltd., 1952.
- *Entailment: The Logic of Relevance and Necessity*, vol. I, Alan R. Anderson, Nuel D. Belnap, Jr., Princeton University Press, 1975.
- *Entailment: The Logic of Relevance and Necessity*, vol II, Alan R. Anderson, Nuel D. Belnap, Jr. Princeton University Press, 1992,
- *Relevant Logic: A Philosophical Examination of the Basis of Inference*. Basil Blackwell, 1989, Stephen Read.

Sem. 8

PHIL o8o2: Paper 22 Indian Metaphysics 35+15 Marks

- a. Padārtha Dharma Samgraha: Sadharmya and Vaidharmya of the seven categories (padārthas), ordering (krama) of categories.
- b. Samkhya Karika with Samkhya-tattvakaumudi : Satkaryavada (karika 9)
- c. Vedānta Paribhāṣa : Selections from Visaya-pariccheda -- Svarūpa and Tātasthā lakṣaṇa of Brahman

Suggested Readings:

- *Prasastapadabhasya with Nyayakandali* (translated and annotated in Bengali by Shyamapada Mishra and Damodara Ashrama), Sanskrit Pustak Bhandar
- *Samkhyakarika with Samkhya-tattvakaumudi* (translated and annotated in Bengali by Narayan Goswami), Sanskrit Pustak Bhandar
- *Vedānta Paribhāṣa* - Dharmarāja-dhvarindra (with Paribhāṣa-Samgraha tika in Sanskrit by Pt. Pancanan Sastri), Pt.Pancanan Sastri (ed)
- *Samkhyamata samikṣa—Yogendranath Bagchi, Darsan Samaj Trust*
- *Indian Realism*-J.N. Sinha
- *Evolution of the Nyaya-Vaisesika Categoriology*-Harsh Narain
- *Studies in Nyaya-Vaisesika Metaphysics--* Sadananda Bhaduri, Bhandarkar Oriental Research Institute, Poona
- *Essays in Analytic Philosophy*-Gopinath Bhattacharya

Sem. 8

PHIL 0803: Paper 23: Social and Political Philosophy 35+15 Marks

- a. On Liberty-J.S. Mill (Introduction, Ch.1)
- b. Marxist response to Liberalism
- c. Hegel: *Philosophy of Right*- Tr. & Ed. By T. M. Knox.
- c. Some issues and concerns:
 - i) Indian perspectives on state and society:
 - Arthashastra: State and its constituent elements;
 - Mahabharata: Shantiparva (Rajdharma)

Suggested Readings:

- *On Liberty*- J.S. Mill
- *Mill on Liberty*-C.L.Ten
- *J.S. Mill on Liberty in Focus*-John Gray & G.W. Smith (eds.)
- *The Nature of Democracy, Freedom and Revolution* (Ch.3)- Herbert Aptheker, 1969, NY:International Publishers
- *The Life and Times of Liberal Democracy*- Macpherson , 1978, USA: OUP
- *Kautiliya:Arthashastra*- L.N. Rangarajan (Tr.),1992, Delhi, Penguin Books
- *Mahabharata*- Sukhtankar (Tr.), BORI
- *Mahabharatam(Santiparva)with bharatbhavadeep tika, Haridas Siddhantabagish Bhattacharya(ed)*, Biswavanee Prakasane
- *Mahabharater caturvarga*-Sukhomoy Sastri, Sanskrit College
- Hegel: *Philosophy of Right*- Tr. & Ed. By T. M. Knox.

Sem. 8

PHIL 0804: Paper 24 Western Ethics 35+15 Marks

- a. Groundwork of the Metaphysic of Morals-Kant (Selected portions)
- b. Some ethical issues:
 - i) Virtue ethics
 - ii) Utilitarianism: Mill and later developments

iii) Rights, justice and capability

Suggested Readings:

- *Aristotle's Ethics*- David Bostock
- *Groundwork of the Metaphysic of Morals*-H.J. Paton, (tr.& ed.)
- *Kantian Ethics*- Allen Wood , 2007,Cambridge University Press
- *Kant's Theory of Morals*-Bruce Aune
- *Modern Moral Philosophy*-W.D. Hudson, McMillan
- *Virtues and Vices*-Philippa Foot, Blackwell, Oxford
- *Ethics: Inventing Right and Wrong*-J.L. Mackie, Penguin
- *Introductory Ethics*-Fred Feldman, Prentice Hall
- *Utilitarianism: For and Against*-Bernard Williams & J.J. Smart, Cambridge University Press
- *Ethics: The Big Questions*- James P. Sterba, 1998, USA, Blackwell
- *A Theory of Justice*-J. Rawls, Cambridge, Mass: Harvard University
- *Cambridge Companion to Rawls*- Samuel Freeman (ed.)
- *Inequality Reexamined*-Amartya Sen, OUP
- *Virtue Ethics*-Rosaline Hursthouse
- *Charmides and Protagoras*- Plato
- *The Nicomachean Ethics*-Aristotle (Tr. David Ross) , 1925, Oxford: OUP
- *An Enquiry Concerning the Principles of Morals*-D. Hume
- *Morals from Motives*-M. Slote , 2001, Oxford: OUP
- *Virtue Ethics: A Pluralistic View*- C. Swanton, 2003
- "Modern Moral Philosophy " by G.E.M. Anscombe in *Philosophy*, 33, pp-1-19
- *Utilitarianism and Beyond*- Amartya Sen
- *The Idea of Justice*- Amartya Sen
- "Capability and Wellbeing" by Amartya Sen in *The Quality of Life*- M. Nussbaum and A.Sen, NY: Oxford Clarendon Press, 1993

Sem. 8

PHIL o881: Paper Sessional 6 50 Marks

Presentation/seminar/work shop

Sem. 9

PHIL 0901: Paper 25 Theories of Truth 35+15 Marks

1. General Ideas

2. Correspondence theory
3. Coherence theory
4. Pragmatic theory
5. Semantic conception

Suggested Readings:

- Kirkham, Richard L. (1992), *Theories of Truth: A Critical Introduction*, MIT Press, Cambridge, MA.
- Simon Blackburn and Keith Simmons, eds., 1999. *Truth*. Oxford University Press, ISBN 0-19-875250-4.
- James, William (1909), *The Meaning of Truth, A Sequel to 'Pragmatism'*, Longmans, Green, and Company, New York, NY.
- Alfred Tarski, 1944. The Semantic Conception of Truth and the Foundations of Semantics. *Philosophy and Phenomenological Research* 4.

Sem. 9

PHIL 0902: Paper 26 Linguistic Turn 35+15 Marks

- a. Introduction: Linguistic turn
- b. *Tractatus Logico Philosophicus*-Wittgenstein (First four propositions)
- c. The Problem of Reference:
 - i) *On Sense and Reference*- Frege
 - ii) *Descriptions*- B. Russell
 - iii) *On Referring*- P.F. Strawson
- d) Analyticity and Reductionism:
Two Dogmas of Empiricism- Quine

Suggested Readings:

- *Classics of Analytic Philosophy*- R. Ammerman,(ed.)Tata-McGraw- Hill Publishing Company, Delhi-Bombay, 1965
- *Tractatus Logico Philosophicus*-L.Wittgenstein (tr. D.F. Pears & B.F. McGuinness), Routledge & Keganpaul
- *The Philosophy of Wittgenstein*- G.Pitcher, N.J: Englewood Cliffs, 1964.
- *Wittgenstein*- A. Kenny, (revised edition), Wiley-Blackwell, 2005.
- *An Introduction to Wittgenstein's Tractatus*-G.E.M. Anscombe, Thoemmes Press,1996.
- *A Companion to Wittgenstein's Tractatus*-M.Black, Cornell University Press, 1964.
- 'On Sense and reference' in translations from *Philosophical Writings of Gottlob Frege*- Geach and Max Black , Oxford: Basil Blackwell, 1960
- 'On Denoting' in *Logic and Knowledge*-B. Russell, London:George Allen and Unwin, 1956.

- ‘Descriptions’- Russell, in *Meaning and Reference* ed. A.W. Moore, New York: Oxford University Press, 1993
- ‘On Referring’- P. F. Strawson in *Meaning and Reference*, ed. A. W. Moore, New York Oxford University Press.
- ‘Two Dogmas of Empiricism’ in *From a Logical Point of View*- Quine, New York: Harvard and Row,1963.
- *Readings in the Philosophy of Language*- Peter Ludlow (ed.), 1997,Cambridge, M.A: MIT Press
- *Routledge Guidebook to Frege’s Sense and Reference*- Taylor and Mark
- ‘Some Notes on Russell’s Theory of Descriptions’- P.K. Sen, in *Logic, Induction and Ontology*, Madras: The Macmillan Company of India Ltd. 1980.
- *Philosophy of Language*- A. Miller, Routledge, 2007.
- *Empiricism and the Two Dogmas*- eds. N.N. Chakraborty and Madhucchanda Sen, Rabindra Bharati University, 2006.

Sem. 9

PHIL 0903: Paper 27 Optional Courses 35+15 Marks

(details mentioned in Annexure I)

Sem. 9

PHIL 0904: Paper 28 Optional Courses 35+15 Marks

(details mentioned in Annexure II)

Sem. 9

PHIL 0981: Paper Sessional 7 50 Marks

Presentation/seminar/work shop

Sem. 10

PHIL 1001: Paper 29 Phenomenology and Existentialism 35+15 Marks

- a. Cartesian Meditation- Husserl (1st and 2nd Meditations)
- b. Existentialism: its distinctive characteristics.
- c. Basic notions: existence preceding essence; man's being-in the-world; Dasein; being-for-itself; being-in-itself; nothingness; bad faith.
- d. Existence: authentic and non-authentic.

Suggested Readings:

- *Ideas: A General Introduction to Pure Phenomenology*- E. Husserl, tr. W. R. Boyce Gibson, London: George Allen & Unwin Ltd. 1931.
- *The Phenomenological Movement*- E. Spiegelberg
- *Understanding Phenomenology*- David R. Cerbone
- *From Rationalism to Existentialism*- R.C. Solomon.
- *Phenomenology and Existentialism*- R.C. Solomon. (ed.)
- *A Critical Survey of Phenomenology and Existentialism*- M.K. Bhadra, New Delhi: ICPR, 1990.
- *Six Existentialist Thinkers*-H.J. Blackham, (second edition), New York, 1959.
- *Existentialism*- John Macquarrie, Penguin Books, 1973.
- *Existentialism*- M. Warnock
- *Being and Nothingness*-J.P. Sartre
- *Using Sartre*-Macalogue

Sem. 10

PHIL 1002: Paper 30 Modern Indian Thoughts 35+15 Marks

- a. M.K. Gandhi : Ahimsa and Satyagraha
- b. Iqbal : Philosophy of Khudi
- c. Rabindra Nath Tagore : Religion of Man
- d. Sri Aurobindo : Sat-cit-ananda; three phases of reality; Integral yoga
- e. K.C. Bhattacharya: Concept of Philosophy
- f. g. B. R. Ambedkar : Philosophy of Hinduism, Concept of Buddhism
- g. S. Radhakrishnan: Idealism
- h. Swami Vivekananda : Practical Vedanta

Suggested Readings:

- *Life Divine* – Sri Aurobindo, 1955, Pondicherry, Sri Aurobindo International Centre of Education
- *Synthesis of Yoga* - Sri Aurobindo, Lotus Press, Twin Lakes, Wisconsin
- *Collected Works of Sri Aurobindo* ,1972, Sri Aurobindo Birth Centenary Library, Sri Aurobindo Ashrama, Pondicherry
- *Sri Aurobindo : the Poet, Yogi and Philosopher* – Aurobindo Bose, Indrani Sanyal (ed.) , Kolkata, Mahabodhi Book Agency & JU

- *Integral Yoga* – Sri Aurobindo
- *Understanding the Thought of Sri Aurobindo* - Kolkata, Jadavpur Studies & D.K. Printers
- *Among the Great: Dilip Kumar Roy* (Chapter on Sri Auribinda)
- *Towards Supermankind: The Philosophy of Sri Aurobindo*-P.B. Chatterjee
- *The Philosophy of Sri Aurobindo: Ramnath Sharma*
- *An Introduction to the Philosophy of Sri Aurobindo: S.K. Maitra*
- *Guide to Sri Aurobindo's Philosophy: K.D. Acharya*
- *Practical Vedanta: Swami Vivekananda as A Philosopher*-J.L. Shaw
- *The Philosophy of Swami Vivekananda: Pradip Kumar Sengupta*
- *The Complete Works of Swami Vivekananda* (Vol.I,pp-333-343 & II,pp-70-87,375-396): Mayavati Memorial Edition
- *The Philosophy of Vivekananda: Govinda Dev*
- *Religion of Man* - R.N. Tagore, 1930, MacMillan Company
- *Manusher Dharma* – R. N. Tagore, Calcutta University Publication
- *Rabidnranath* – Pabitra Roy, 2000, ICPR & Munshiram Monohorlal Das Co.
- *Rabindradarsan* – Pabitra Roy & Sachin Gangopadhyay , 1969, Visvabhararti
- *Truth, Beauty and Art* – Pabitra Roy, 1988, Simla:IIAS
- *Philosophy of Rabindranath Tagore* – S. Radhakrishnan
- *The Philosophy of Rabindranath* – Benoy Gopal Roy
- *Non-violence in Peace and War*- M.K. Gandhi, vol.1,1962, Ahmedabad, Navajiban Publishing House
- *The Story of My Experiments with Truth*- M.K. Gandhi (Eng. Tr.),1940, Ahmedabad, Navajiban Publishing House
- *Mahatma Gandhi*- S. Radhakrishnan, 1949, London,G. Allen and Unwin Ltd.
- *Studies in Gandhism*- N. K. Bose, 1940,Calcutta, Indian Associated Publishing Co. Ltd.
- *Selections from Gandhi*-N. K. Bose (ed.), 1948,Ahmedabad, Navajiban Publishing House
- *Studies in Philosophy* - K.C. Bhattacharya
- *The Secrets of the Self*- R.A. Nicholson, 1915, Cambridge
- *Iqbal the Philosopher*- Saiyed Abdul Hai, 1980, Islamic Cultural Centre, Chittagong, Islamic Foundation, Bangladesh
- “Iqbal’s Philosophy of Khudi” by M. Irfan Iqbal in *The Quaranic Horizons* 3:2, April-June, 1998
- *An Idealist View of Life* – S. Radhakrishnan
- *The Ethics of the Vedanta and Its Metaphysical Presuppositions* - S. Radhakrishnan, !908, Madras: The Guardian Press
- *Reply to Critics in the Philosophy of Dr. Sarvapalli Radhakrishnan* - P.A. Schilpp (ed.), 1952, NY: Tudor Publicating Co.
- *Dr. Babasaheb Ambedkar Writings & Speeches* (Vol.s 3 ,4,11)
- *Contemporary Indian Philsophy* – T.M.P. Mahadevan & C.V. Saroja
- *Contemporary Indian Philosophy* – Basant Kumar Lal
- *Contemporary Indian Philosophers* – Benay Gopal Ray
- *Modern Indian Thought* – V.S. Naravane

Sem. 10

PHIL 1003: Paper 31 Optional Courses 35+15 Marks Sem.

(details mentioned in Annexure III)

Sem. 10

PHIL 1004: Paper 32 Optional Courses 35+15 Marks

(details mentioned in Annexure IV)

Sem. 9

PHIL 1081: Paper Sessional 8 50 Marks

Presentation/seminar/work shop

PHIL 0903: Paper 27 Optional Courses 35+15 Marks

27.1 Rational Foundations of Mathematics 1

Philosophy of Mathematics:

- a) Platonism
- b) Empiricism
- c) Formalism
- d) Intuitionism

Suggested Readings:

- Körner, Stephan, *The Philosophy of Mathematics, An Introduction*. Harper Books, 1960.
- Kalish, Donald and Richard Montague. *Logic: Techniques of Formal Reasoning*. Harcourt. Brace & World, Inc. 1964
- Hintikka, Jaakko. *Philosophy of Mathematics: Readings in Philosophy*. Oxford. Oxford University Press. 1969
- Heijenoort, Jean van. *From Frege To Gödel: A Source Book in Mathematical Logic, 1879-1931*. Harvard University Press. Reprinted with corrections, 1977
- *The Completeness of the First-Order Functional Calculus* by Leon Henkin
- *On formally undecidable propositions of Principia Mathematica and related systems I*. translated by Martin Hirzel available on:
<http://www.research.ibm.com/people/h/hirzel/papers/canon00-goedel.pdf>

27.2 Western Logic 1

- a. Intuitive Set Theory : Relations –binary, n-nary functions, operations on relations and functions
- b. Boolean Algebra and Lattice Theory.
- c. Formal Propositional Calculus, PM: Axioms, Theorems, Syntactic Completeness and Consistency.

Derivation of theorems within the system; proof of the deduction theorem for the system; consistency and completeness of the system (proof-theoretic methods only); proof of the independence of the axioms of the system.

Suggested Readings:

- *Set theory and Logic*-R.Stoll
- *Introduction to Logic*- Patric Suppes,1978,Affiliated East-West Press Private Limited, New Delhi
- *Symbolic Logic*- I.M. Copi (Appendix-A),1979, Pearson Prentice Hall,Delhi
- *Principia Mathematica*- Whitehead & Russell ,1910 ,Cambridge University Press, Cambridge

27.3 Advaita Vedanta 1

- a. Adhyasa-bhasya
- b. Brahmasutra Sankarabhasya 1/1/1 to 1/1/4 (catuhsutri)

Suggested Readings:

- *Vedanta Darsana* (1st part) (translated and annotated in Bengali by Swami Visvarupananda),Udbodhan
- *Sankara Bhasya* (translated in Bengali by Durgacarana Samkhya Vedantatirtha)
- *Sankara Bhasya: translated in English by A.B. Gouge*

27.4 Nyaya 1

Nyaya Sutra with Vatsayanabhasya: Prameyas (chs.1/1/2, 1/1/9 to 22 and 3/1/1 to26, 3/2/46-59)

Suggested Readings:

- *Nyaya Darsana* (*Gautama Sutra-Vatsayanabhasya*) (1st and 3rd part) (translated and annotated in Bengali by Phanibhusan Tarkabagish), West Bengal State Book Board
- *Nyayasutra with Vatsayanabhasya and vartika*- Ganganath Jha (translated in English)
- *Nyaya Philosophy*- D.P.Chattopadhyay and M.K.Gangopadhyay
- *Nyaya Caturgranthika*- Anantalal Thakur, ICPR

27.5 Indian Logic 1

Nyaya Manjari (1st Part): Selections from1st ahnika, Pramana Prakarana,; A critical analysis of some relevant opponents` views against the Nyaya view regarding the number of pramanas)

Suggested Readings:

- *Nyaya Manjari* (Part 1) by Jayanta Bhatta-Gaurinath Sastri (ed.), Sampurnanada Sanskrit Vishwavidyalaya
- *Nyaya Manjari* - Pancanan Tarkavagish
- *Nyaya Manjari* - Janakiballav Bhattacharya(ed), Motilal Banarsidass

27.6 Indian Philosophy of Language 1

Nyaya-Manjari(2nd part): 5th ahnika: padarthanirupana and vakyarthacinta

Suggested Readings :

- *Nyaya-Manjari* by Jayanta Bhatta(2nd Part)-Gaurinath Sastri. (ed.) ,Sampurnanada Sanskrit Vishwavidyalaya
- *Nyaya-Manjari (Pancam Ahnika:Vakyartha-cinta)* – Prabal Kumar Sen.
- *Nyaya-Manjari –Pancanan Tarkabagish*

27.7 Western Philosophy of Language 1: Syntax

- a) Carnap's theory of logical syntax of language
- b) Chomsky's theory
- i) Transformational Generative Grammar
- ii) Innateness Hypotheses and Universal Grammar

Suggested Readings:

- *Logical Syntax of Language*- R. Carnap, London: Kegan Paul, 1937.
- *Aspects of the Theory of Syntax*- N. Chomsky, MIT Press, 1969.
- 'Logical Syntax and Semantics: Their Linguistic Relevance'- N. Chomsky in *Language* Vol. 31, No. 1 (Jan-March, 1955).
- *New Horizons in the Study of Language and Mind*- N. Chomsky, Cambridge: Cambridge University Press, 2000.
- *Reflections on Language*- Chomsky, Pantheon Books, 1975.
- *Cambridge Companion to Chomsky*
- 'Symposium on Innate Ideas' in *Oxford Readings on Philosophy of Language*, ed. J. Searle.
- *Chomsky*- J. Lyons, Fontana Press, 2008.

27.8 Applied Ethics 1

Environmental Ethics

- a. Indian perspective
 - i) The significance of Indian traditions in environmental ethics.
 - ii) Environmental issues in India.
 - iii) Eco-feminism.
 - iv) Tagore's concept of ecological harmony.

- b) Western perspective
- i) Bio-diversity
 - ii) Deep Ecology
 - iii) Land Ethics
 - iv) Man's appreciation of nature.
 - v) Reverence for life.

Suggested Readings:

- *The Vedas*
- "The Indian Heritage of a Conservation Ethic" by Madhav Gadgil in *Ethical Perspectives on Environmental Issues in India*-G.A. James (ed.), 1999, New Delhi: APH Publishing Corpn.
- 'Ethics in Indian Attitude towards Nature: Organic and Inorganic'-N.N. Chakraborty in *Historical-Developmental Study of Classical Indian Philosophy*, (History of Science, Philosophy and Culture in Indian Civilisation, vol. XII, Part 2); Rajendra Prasad (ed.)
- *Prakrti*, vol:1-4, ed. Kapila Vatsayan, Indira Gandhi National Centre for Arts.
- "Women in the Forest" by Vandana Shiva in *Ethical Perspectives on Environmental Issues in India*-G.A. James (ed.), 1999, New Delhi: APH Publishing Corpn.
- *Sadhana*- R. N. Tagore, VisvaBharati
- "Radical American Environmentalism and Wilderness Preservation: A Third World Critique" by Ramachandra Guha in *Ethical Perspectives on Environmental Issues in India*-G.A. James (ed.), 1999, New Delhi: APH Publishing Corpn.
- "Bio-diversity" by Holmes Rolston III in *A Companion to Environmental Philosophy*-D. Jamison (ed.) , 2001, Blackwell
- "Animals" by Peter Singer in *A Companion to Environmental Philosophy*-D. Jamison (ed.) , 2001, Blackwell
- "The Diversity of Life" by Edward Wilson, 1992, Cambridge, MA: Harvard University Press
- *Respect for Nature*- by Paul Taylor, 1986, Princeton
- *Animal Liberation*- by Peter Singer ,1990, New Y. Review of Books, New York
- "Does environmental ethics rest on a mistake?" by T. Regan, 1992, The Monist 75
- 'Environmental Aesthetics' by Allen Carlson in *Routledge Encyclopedia of Philosophy*, 1998, London, Routledge
- *A Historical-developmental Study of Classical Indian Philosophy of Morals*-Rajendra Prasad (ed.), Concept Publishing Company
- *Encyclopedia on Environment*, (Vol. 4)-Kapila Vatsayana (ed.) , Indira Gandhi National Centre for Arts.
- *Practical Ethics*- Peter Singer, 1999, Cambridge University press
- *Applied Ethics*- Peter Singer, 1986, USA, OUP
- *A Companion To Ethics*- Peter Singer, 1993, Wiley-Blackwell
- *A Sand County Almanac*, -A. Leopold, 1949, NY, OUP
- *Encyclopedia of Religion and Nature*, Vol-1, -B. Taylor & M. Zimmerman (ed.), 2003, London, Continuum International
- *Man's Responsibility for Nature* - J. Passmore 1974, London, Duckworth

- The Culture of Extinction Toward a Philosophy of Deep Ecology, - F.L.Blender, 2003,Amherest, N Y , Humanity Books

27.9 Feminist philosophy 1

- a. Feminist theories: A historical overview
- b. Definitions of feminism, liberal feminism and its critiques, radical feminism and its critiques, socialist feminism, Marxist feminism, existentialist feminism (Simone de Beauvoir)
- c.Feminist epistemology and logic:
 - i) Standpoint epistemology : Sandra Harding
 - ii) The issue of Objectivity : Helen Longino
 - iv) Reconceptualising Reason : Michelle le Deouff, Val Plumwood

Suggested Readings:

- *Feminist Issues: Race, Class and Sexuality*-Nancy Mandell (ed.), (3rd Edition), 2001, PrenticeHall, Toronto: York University
- *Second Sex*:Simone de Beauvoir-H. M. Parshley (tr.), (Book 1, Part 1,Ch.1),Vintage
- *The Cambridge Companion to Feminism in Philosophy*-M. Fricker & J. Hornsby (eds.), 2000, Cambridge: Cambridge University Press
- *Philosophy and Feminism: At the Border*-A. Nye, 1995, NY: Twayne Publishers
- *Feminist Thought*-S. Moitra,2002, New Delhi, Munshiram Manoharlal Publishers
- *Feminist Epistemologies*-L. Alcoff & E. Potter (eds.), 1993, NY: Routledge
- *What Can She Know? Feminist Theory and the Construction of Knowledge*-L. Code, 1991, Ithaca, NY: Cornell University Press
- *Representing Reason:Feminist Theory and Logic*-R. Falmagne & M. Hass (eds.), 2002, Lanham,MD: Rowman & Littlefield
- *The Man of Reason*-G. Lloyd,1984,Minneapolis: University of Minnesota Press
- *The Science Question in Feminism*-Sandra Harding, Open University Press, 1986
- *Whose Science? Whose Knowledge? Thinking from Women's Lives*-S. Harding,1991, Ithaca,NY: Cornell University Press
- *Science as Social Knowledge: Values and Objectivity in Scientific Inquiry*-H. Longino,1990,Princeton,NJ: Princeton University Press
- *Hipparchia's Choice: An Essay Concerning Women, Philosophy, etc.*- Michelle le Doeuff, 1991, tr. T.Selous, Oxford: Blackwell
- *Feminism and the Mastery of Nature*-V. Plumwood, 1993, London: Routledge

27.10 Philosophy of Mind 1

Metaphysics of Mind

- a. Introducing the mind-body problem
- b. Varieties of Materialism
- c. Functionalism
- d. Supervenience Theory
- e. Eliminative Materialism

Selected Readings:

- *Meditations on First Philosophy* (excerpts from the Second and the Sixth Meditation)- John Cottingham(ed),1996, UK,Cambridge University Press
- Descartes' Myth (excerpts)-Gilbert Ryle in *Concept of Mind*,2009,London, Routledge
- 'Sensational and Brain Processes' by J.J.C. Smart in *The Mind- Brain Identity Theory*-C.V. Borst (ed.),1979, London, Macmillan
- 'The Causal Theory' by D.M. Armstrong in *Mind and Cognition: an anthology*-W.G. Lycan(ed.) ,1990, Blackwell, USA
- 'Is Conscious a Brain Process?' by U.T. Place in *Mind and Cognition: an anthology*-W.G. Lycan(ed.) ,1990, Blackwell, USA
- *The Mechanical Mind*(Chapter 3,2nd edition)- Tim Crane,2003, London, Routledge
- 'The Nature of Mental States' by Hilary Putnam in *Readings in Philosophy of Psychology(vol 1)* –Ned Block(ed.) ,1983, Harvard University Press, Cambridge, Massachusetts
- 'Troubles with Functionalism' by Ned Block in *Readings in Philosophy of Psychology(vol 1)* –Ned Block(ed.) ,1983, Harvard University Press, Cambridge, Massachusetts
- 'Mental Events' by Donald Davidson in *Mind and Cognition: an anthology*-W.G. Lycan(ed.) ,1990, Blackwell, USA
- 'Multiple Realisation and the Metaphysics of Reduction' by Jaegwon Kim in *Supervenience and mind* ,1993, NY, Cambridge University Press
- 'The Many Problems of Mental Causation' by Jaegwon Kim in *Mind in a Physical World: An Essay on the Mind-Body problem And Mental Causation* ,2000, MIT Press,USA
- *Matter and Consciousness* (Chapter 2 & 3, Revised edition)-Paul Churchland,2001, USA, MIT Press

27.11 Philosophy of Science 1

This course attempts to introduce students' conceptual and dynamical aspects of science. While in the conceptual part the notions of scientific explanation, theory and observation, confirmation of scientific hypotheses, reduction, measurement and experiment will be discussed, the dynamical aspect will discuss different models of methodology of science starting from Aristotle to Post Feyerabendians.

1. Philosophy of Science: Its Scope and Significance
2. Positivist Philosophy of Science
3. Hypothetico-deductivism.

4. Kuhnian Philosophy of Science.
5. Methodology of Scientific Research.
6. Methodological Pluralism.
7. Models of Scientific Explanation.
8. Nature of Theory and Observation in Science.
9. Models of Confirmation of Scientific Hypothesis.
10. Possibility of Reduction in Science.
11. Measurement in Science.
12. Philosophy of Experiment.

Suggested Readings:

- *Readings in the Philosophy of Science*- R. Boyd, P. Gasper and J. Trout (eds.), 1995, MIT Press, Cambridge MA.
- *Readings in the Philosophy of Science*- B. Brody, 1989, Prentice Hall.
- *What is this thing called science?* - A.F. Chalmers, 1976, Milton Keynes: The Open University Press, 1976.
- *Against Method*- P.K. Feyerabend, 1975, London, Verso.
- *Philosophy of Natural Science*-C.G. Hempel, 1966, Prentice-Hall.
- *The Structure of Scientific Revolution*- T.S. Kuhn, 1962, University of Chicago Press.
- 'Falsification and the Method of Scientific Research Programmes'-I. Lakatos in Lakatos and Musgrave (eds.) *Criticism and Growth of Knowledge*, Cambridge, 1970, CUP.
- *Logic of Scientific Discovery*- K. R. Popper, London, 1959, Hutchison.
- *Representing and Intervening*- J. Hacking, 1983, CUP.

27.12 Formal Semantics

1. Two aspects of Montague Semantics: Truth-conditional approach and Model-theoretic approach; L0: a simple semantic language for Propositional Logic.

Suggested Readings:

- David R. Dowty, Robert E. Wall, Stanley Peters, *Introduction to Montague Semantics*, D. Reidel Publishing Company, Dordrecht, 1981
- R. Montague, *The Proper Treatment of Quantification in Ordinary English*, published in Jaakko Hintikka, Julius Moravcsik, Patrick Suppes (eds.): *Approaches to Natural Language*. Dordrecht 1973, 221–242.
- P. Martinich (ed.), *The Philosophy of Language*, Oxford University Press, 1985
- Saul Kripke, *Naming and Necessity*, Harvard University Press, 1980
- *Journal of Semantics*, Oxford Journals, Oxford University Press

PHIL 0904: Paper 28 Optional Courses 35+15 Marks

28.1 Rational Foundations of Mathematics 2

Philosophy of Mathematics:

- a) Logicism.
- b) Cantor's Diagonal Argument

Suggested Readings:

- Körner, Stephan, *The Philosophy of Mathematics, An Introduction*. Harper Books, 1960.
- Kalish, Donald and Richard Montague. *Logic: Techniques of Formal Reasoning*. Harcourt. Brace & World, Inc. 1964
- Hintikka, Jaakko. *Philosophy of Mathematics: Readings in Philosophy*. Oxford. Oxford University Press. 1969
- Heijenoort, Jean van. *From Frege To Gödel: A Source Book in Mathematical Logic, 1879-1931*. Harvard University Press. Reprinted with corrections, 1977
- *The Completeness of the First-Order Functional Calculus* by Leon Henkin
- *On formally undecidable propositions of Principia Mathematica and related systems I*. translated by Martin Hirzel available on:
<http://www.research.ibm.com/people/h/hirzel/papers/canon00-goedel.pdf>

28.2 Western Logic 2

a. Modal axiomatic system (only propositional parts) T, S₄ and S₅; Derivation of theorems within the systems.

Suggested Readings:

- An Introduction to Modal Logic*- Hughes & Cresswell, London, Methuen, 1968
- A New Introduction to Modal Logic*- Hughes & Cresswell, London, Routledge, 1996
- Companion to Modal Logic*- Hughes & Cresswell London, Methuen, 1984

28.3 Advaita Vedanta 2

- a. Vivarana Prameya Samgraha (From Purvapaksa on adhyasa to arthadhyasa and ekatvadhyasa)
- b. Vedanta Paribhasa (Selections from pratyaksa pariccheda: from savikalpaka and nirvikalpaka pratyaksa to prapyakaritva of indriya)

Suggested Readings:

- *Vivarana Prameya Samgraha* (1st part) -Vidyaranya Muni (translated and annotated in Bengali by Pramathanath Tarkabhusan), Basumati Sahitya Mandir
- *Vedanta Paribhasa*-Dharmarajadhvarinda (translated and annotated in Bengali by Pt. Pancanan Sastri),Sanskrit Pustak Bhandar
- *Vedanta Paribhasa*-Dharmarajadhvarinda (with Paribhasa-samgraha tika in Sanskrit by Pt.Pancanan Sastri) , Pt. Pancanan Sastri

28.4 Nyaya 2

- a. Nyaya Kusumanjali with vrtti (1st stavaka –mangalaslōka to karika7)
- b. Nyaya Kusumanjali with vrtti (5th stavaka-from karika1 to 5)

Suggested Readings:

- *Nyaya Kusumanjali*-Udayana (translated and annotated in Bengali by Srimohon Bhattacharya), West Bengal State Book Board
- *Nyaya Kusumanjali with Bodhani*-Dhundiraj Sastri (ed.)
- *Nyaya Kusumanjali*- N.S. Dravid
- *Nyaya Kusumanjali*- Shyamapada Mishra
- *Nyaya Tattva Parikrama*- K. K. Banerjee

28.5 Indian Logic 2

- a. Pramanamimamsa (Anumana)
- b. Manameyodaya (anumana pramanam)

Suggested Readings

- *Pramanamimamsa*- Hemcandra
- *Manameyodaya* (1st part) - Narayana Bhatta (translated & annotated in Bengali by Dinanath Tripathi), Sanskrit College, Kolkata
- *Jainadarsaner Digdarsan*-Satindra Chandra Nyayacharya ,Sanskrit College, Kolkata

- *Advanced Studies in Indian Logic and Metaphysics*-Sukhlalji Sanghvi,Singhi Jaina Granthamala, Calcutta

28.6 Indian Philosophy of Language 2

- a. Manameyodaya (sabda pramanam)
- b. Slokavartika (sabda nityatvavada)

Suggested Readings:

- *Manameyodaya* (1st part) - Narayana Bhatta (translated & annotated in Bengali by Dinanath Tripathi),Sanskrit College ,kolkata
- *Manameyodaya* by Narayan Bhatta-N. Kunjunni Raja & Suryanarayana Sastri (tr. in English & ed.)
- *Slokavartika* – Kumarila Bhatta (with Nyayaratnakara tika by Parthasarathi Mishra),translated in Hindi by Tarak Prasad Sastri(ed.)

28.7 Western Philosophy of Language 2: Semantics

- a) Proper Names and Descriptions
 - i) Frege
 - ii) Russell
 - iii) Kripke
 - iv) Donnellan
 - v) Searle
- b) Semantic Holism: Quine
- c) Semantic Theory of Truth: Tarski
- d) Truth-conditional Theory: Davidson
- e) Dummett's objection to Davidson's proposal.

Suggested Readings:

- 'On Concept and Object' and 'Function and Concept' in translations from *Philosophical Writings of Gottlob Frege*-Geach and Max Black, Oxford: Basil Blackwell, 1960.
- *Frege: Philosophy of Language*-M. Dummett, London: Duckworth, 1981.
- *The Interpretation of Frege's Philosophy*- M. Dummett, Cambridge, M.A: Harvard University Press, 1981.
- "Logic and Metaphysics" by E. Zalta in *JICPR Special Issue on Logic and Philosophy Today Part II,vol.xxvii,No.2*
- *Naming and Necessity*- S. Kripke, Cambridge,M.A:Harvard University Press, 1972.
- 'On Denoting' by B. Russell in *Logic and Knowledge*, R.C. Marsh (ed.), London: George Allen and Unwin, 1956.
- 'Reference and Definite Descriptions'- Donnellan in *Naming, Necessity and Natural Kinds*, (ed) Schwarz. S. P. Ithaca: Cornell University, 1977.

- ‘Proper Names and Identifying Descriptions’ - Donnellan in *Semantics of Natural Language* (eds) Davidson and Harman, 2nd edition, New York: Springer, 1973.
- ‘Proper Names’ - Searle in *Mind* Vol 67, 1958.
- *Word and Object* - W.V.O. Quine, Cambridge, M.A: MIT Press, 1970.
- ‘The Semantic Concept of Truth and the Foundations of Semantics’ - A. Tarski in *The Philosophy of Language* (ed.) A.P. Martinich, Oxford University Press, 1985.
- ‘Truth and Meaning’ in *Inquiries into Truth and Interpretation* - D. Davidson, Oxford: Oxford University Press, 1984.
- ‘Proper Names’ - P.K. Sen in *Logic, Induction and Ontology*, Madras: The Macmillan Company of India Ltd. 1980.
- ‘What is a Theory of Meaning?’ 1 & 2, M. Dummett, in *The Seas of Language*, Oxford: Clarendon Press, 1993.

28.8 Applied Ethics 2

Bio-Medical Ethics

- a. Basic ethical concepts available in *Caraka* and *Susruta*
- b. Fundamentals of Medical Ethics : duties of Medical Practitioners, professional negligence, products liability, malpractice, human experimentation
- c. Ethics of cloning, bio-technology, surrogacy, issues related to the beginning of life and the end of life , organ transplantation.

Suggested Readings:

- *Caraka Samhita (A Scientific Synopsis)* - P. Roy and H.N. Gupta, International Science Academy, New Delhi
- *Susruta Samhita (A Scientific Synopsis)* - P. Roy , H.N. Gupta and Mira Roy, International Science Academy, New Delhi
- *The Essentials of Forensic Medicine and Toxicology* - Dr. K.S. Narayanan Reddy (Ch.3 ‘Medical Law and Ethics’) K. Suguna Devi, Hyderabad
- *Introduction to Bio-Ethics* - J. Bryant, L. Baggett la Velle and John Searle (Ch.V ‘Bio-technology and Bio-ethics’ & Ch.IX ‘Cloning and Stem Cells’)
- *Principles of Biomedical Ethics* – Tom. L. Beauchamp, & J.F. Childress, 1994, USA, OUP,

28.9 Feminist Philosophy 2

Feminist Ethics

- a. Justice and the problem of difference
- b. Ethics of Care - Carol Gilligan and Virginia Held
- c. Ethics of Empathy - Michael Slote

Suggested Readings:

- *Justice and the Politics of Difference* - I.M. Young, 1990, Princeton, NJ: Princeton University Press

- *Feminist Ethics*-C. Card,1991, Lawrence, KS: University Press of Kansas
- *Feminist Morality: Transforming Culture, Society and Politics*-V. Held,1993, Chicago University of Chicago Press
- *Justice and the Politics of Difference*-I.M. Young,1990, Princeton,NJ: Princeton University Press
- ‘Gender Inequality and Theories of Justice’ by Amartya Sen in *Women Culture and Development: A Study of Human Capabilities*- M. Nussbaum & J. Glover,1995, Oxford: Clarendon Press
- *The Ethics of Care*- V. Held,2006,Oxford:OUP
- *Explorations in Feminist Ethics: Theory and Practice*-E.B. Cole & S. Coultrap-McQuinn (eds.) 1992, Bloomington IN: Indiana University Press
- *In a Different Voice: Psychological Theory and Women’s Development*-C. Gilligan,1982, Cambridge, MA: Harvard University Press
- *The Ethics of Care and Empathy*-M. Slote,2007,London & NY: Routledge

28.10 Philosophy of Mind 2

Representational Mind and Philosophy of Artificial Intelligence

- a. The Nature of Representation
- b. Computers and Thought, The Mechanism of Thought
- c. The distinction between Mental and Physical Phenomena
- d. Propositional Attitude: Realism and Instrumentalism
- e. Explaining Consciousness
- f. Artificial Intelligence

Suggested Readings:

- *The Mechanical Mind* (Chapter 1&3 & 4), 2nd edition -Tim Crane,2003, London, Routledge
- ‘The Distinction between Mental and Physical Phenomena’(excerpts) by Franz Brentano in *The Phenomenology Reader* D.Moran & T.Mooney, 2002, London, Routledge
- *Language of Thought*-Jerry A Fodor,1975, USA, Harvard University Press
- *A Companion to The Philosophy of Mind*- Samuel Guttenplan (ed.), 1994, USA, Blackwell
- ‘True Believers: The Intentional Strategy and Why It Works’ by Daniel C. Dennett in *Mind and Cognition: an anthology*-W.G. Lycan(ed.) ,1990, Blackwell, USA
- Explaining Consciousness by D. M. Rosenthal in *Philosophy of Mind: Classical and Contemporary Readings*, D. Chalmers (ed.) 2002, OUP.
- ‘Artificial Intelligence’ in *Matter and Consciousness*- Paul M. Churchland, Revised Edition, 2001, Cambridge: MIT Press

28.11 Philosophy of Science 2

History of Science: Early Modern to Contemporary Science

- a) Galileo
- b) Copernican Astronomy
- c) The Mechanical Philosophy
- d) The Newtonian Synthesis
- e) Newtonianism and the Enlightenment
- f) Darwin and Evolution
- g) Mendel and Genesis
- h) Thermodynamics and Statistical Mechanics
- i) Theories of the Aether and Relativity
- j) Early Quantum Theory

Suggested Readings:

- ‘Galileo and the Causes’- Peter Machamer, in *New Perspectives on Galileo*, Robert Butts and Joseph C. Pitt (eds.) 1978, Dordrecht: D. Reidel Publishing Company.
- *The Mechanization of the World Picture*- E. I. Dijksterhuis, 1986, Princeton, N.J. : Princeton University Press, pp. 300-323.
- *Principles of Philosophy*-Rene Descartes, Part II, pp. 223-47, in *The Philosophical Writings of Descartes*, I. Cottingham (ed.), 1988, Cambridge UP.
- *The Mechanical Philosophy*- M.B. Hall, 1981, New York: Arno Press.
- *Philosophiae Naturalis Principia Mathematica*- Isaac Newton, Motte-Cajori (trans.), 1966, U California.
- *The Cambridge Companion to Newton*- I. B. Cohen and George Smith (eds.), 2002, Cambridge University Press.
- *The Image of Newton and Locke in the Age of Reason*- Gerd I. Buchdahl, 1961, London: Sheed and Ward.
- *Mechanism and Materialism: British Natural Philosophy*- R. E. Schofield, in *An Age of Reason*, 1969, Princeton.
- *On the Origin of Species*- Charles Darwin, 1964, Cambridge, Harvard University Press. Chaps. 1,4,6,10.
- *The Darwinian Heritage*- David Kohn (ed.), 1985, Princeton.
- *Darwin and the Emergence of Evolutionary Theories of Mind and Behaviour*- R. J. Richards, 1987, Chicago: Univ. of Chicago Press, pp. 135-136, 375-398.
- ‘Experiments in Plant Hybridisation’- Gregor Mendel in *The Origins of Mendelism*, Curt Stern and Eva Shelwood (eds.), 1972, Chicago.
- *Lords of the Fly: Drosophila Genetics and the Experimental Life* – Robert Kohler, 1994, University of Chicago Press.

- *The kind of motion we call heat: a history of the kinetic theory of gases in the 19th century*- Stephen G. Brush, 1976, American Elsevier.
- *From X-rays to Quarks*- E. Segre, 1980, Freeman.
- *The Conceptual Development of Quantum Mechanics*- Max Jammer, 1989, Tomash Publishers, American Institute of Physics.

28.12 Formal Semantics 2

2. L1: a language for First Order Predicate Logic and Quantification

Suggested Readings:

- David R. Dowty, Robert E. Wall, Stanley Peters, *Introduction to Montague Semantics*, D. Reidel Publishing Company, Dordrecht, 1981
- R. Montague, *The Proper Treatment of Quantification in Ordinary English*, published in Jaakko Hintikka, Julius Moravcsik, Patrick Suppes (eds.): *Approaches to Natural Language*. Dordrecht 1973, 221–242.
- P. Martinich (ed.), *The Philosophy of Language*, Oxford University Press, 1985
- Saul Kripke, *Naming and Necessity*, Harvard University Press, 1980
- *Journal of Semantics*, Oxford Journals, Oxford University Press

PHIL 1003: Paper 31 Optional Courses 35+15 Marks

31.1 Rational Foundations of Mathematics 3

a)Completeness: Definitions of consistency, completeness and soundness; b)Henkin's paper on the completeness theorem: *The Completeness of the First-Order Functional Calculus*

Suggested Readings:

- Körner, Stephan, *The Philosophy of Mathematics, An Introduction*. Harper Books, 1960.
- Kalish, Donald and Richard Montague. *Logic: Techniques of Formal Reasoning*. Harcourt. Brace & World, Inc. 1964
- Hintikka, Jaakko. *Philosophy of Mathematics: Readings in Philosophy*. Oxford. Oxford University Press. 1969
- Heijenoort, Jean van. *From Frege To Gödel: A Source Book in Mathematical Logic, 1879-1931*. Harvard University Press. Reprinted with corrections, 1977
- *The Completeness of the First-Order Functional Calculus* by Leon Henkin
- *On formally undecidable propositions of Principia Mathematica and related systems I*. translated by Martin Hirzel available on:
<http://www.research.ibm.com/people/h/hirzel/papers/canon00-goedel.pdf>

31.2 Western Logic 3

Axiomatised Syllogistic System
Many valued logic- Lukasiewicz's logic
Metalogic-Huter.

Suggested Readings:

- *Aristotle's Syllogistic from the Standpoint of Modern Logic*- Jan Lukasiewicz,1951,Oxford, Clarendon press
- *Elements of Formal Logic*- Hughes &Londey, 1965, Mathuen &Co
- *The Blackwell Guide To Logic* - Lou Goble(ed), 2001, Wiley- Blackwell
- *Handbook of Philosophical Logic(vol-2,5)* –M Dov, Franz Guenther,Klender Academic Publishers
- *An Introduction To Many Valued Logic* –Ackermann,1967,London, Routledge & Kegan Paul
- *Many Valued Logic* – Nicholas Rescher,1969, NY , McGraw Hill
- *Philosophy of Logics(ch-11)*-Susan Haack,1976,Chikago, The University of Chicago Press.
- *Metalogic: An Introduction to the Metatheory of Standard First Order Logic* Geoffrey Hunter, part I & part II. University of California Press, 1973.

31.3 Advaita Vedanta 3

- a. Brahmasutra Sankarabhasya(Smrtipada 2/1/1 to 20)
- b. Brahmasutra Sankarabhasya (Tarkapada 2/2/1 to 20)

Suggested Readings:

- *Vedanta Darsana* (2nd part) (translated and annotated in Bengali by Swami Visvarupananda)
- *Sankrabhasya(translated and edited by Durgacarana Samkhya Vedantatirtha)*

31.4 Nyaya 3

- a.Tattva Cintamani (portion on sabda pramanyavada)
- b.Sabdasaktiprakasika (sarthakasabdanamnirupanam upto jatisaktivada khandana)

Suggested Readings:

- *Tattva Cintamani by Gangesa Upadhyay-Translated in Bengali and edited by Dinanath Tripathi , Sanskrit Pustak Bhandar*
- *The Nyaya theory of Linguistic Performance- P.K.Mukhopadhyay*
- *Meaning, Truth and Predication-S.R. Saha*
- *Gangesa`s theory,Part One and Two;ICPR,1990,Motilal Banarasidas*
- *Sabdakhanda of Gangesa`s TattvaCintamani- S.R.Saha & P.K.Mukhopadhyay (eds.)*
- *Sabdasaktiprakasika by Jagadisa-Sri Madhusudan Bhattacharya (ed. & tr. with notes)*
- *Sabdasaktiprakasika by Jagadisa-Kamakhyanath Tarkabagish (ed.)*
- *Encyclopedia of Indian Philosophies, vol.vi (ed. by Karl H. Potter & Sibajiban Bhattacharyya) ,Motilal Banarsidass, Delhi*

- *Language, Testimony and Meaning*-Sibajiban Bhattacharyya, Delhi:ICPR, 1998.
- *The Philosophy of Language:An Indian Approach*-P.K. Majumder
- *Indian Theories of Meaning*-K. Kunjunni Raja

31.5 Indian Logic 3

Navya Nyaya Bhasa Pradipa

Suggested Readings:

- *Navya Nyaya Bhasa Pradipa*-M.M. Mahesha Chandra Nyayaratna (edited and annotated by Kalipada Tarkacharya), Sanskrit college, Kolkata
- *A Primer of Navya-Nyaya Language and Methodology*-Ujjwala Jha
- *Language, Testimony and Meaning*-Sibajiban Bhattacharyya, Delhi:ICPR, 1998
- “Navya-Nyaya Logic” by Prabal K.Sen & Amita Chatterjee in *JICPR Special Issue on Logic and Philosophy Today, Part-I, vol.xxvii, 2010*
- *Nyaya Theory of Language*-John Vattanky

31.6 Indian Philosophy of Language 3

Vakyapadiya (Brahmakanda, sutras 1-22)

Suggested Readings:

- *Vakyapadiya(Brahmakanda)* by Bhartrhari with commentaries of Helaraja and Raghunath Sharma-Subrahmya Ajjar, Sampurnananda Vishvavidyalaya, varanasi
- *Vakyapadiya(Brahmakanda)*
- *Encyclopedia of Indian Philosophies, vol.v*-Harold G. Coward & K. Kunjunni Raja (eds.) Motilal Banarsidass, Delhi
- *Vakyapadiya*-K.S. Aiyer(ed.), Motilal Banarsidass, Delhi
- *Bhartrhari-A Study*-K.S.Aiyer
- *Philosophy of Word and Meaning*-Gaurinath Sastri(ed.)

31.7 Western Philosophy of Language 3: Pragmatics

- a) Wittgenstein’s *Philosophical Investigations* [i) Meaning as Use, ii) Language Games and Family Resemblance, iii) Private Language, Grammar and Form of Life]
- b) Speech act theory of Austin and Searle
- c) Grice’s theory of conversational Implicature.

Suggested Readings:

- *Philosophical Investigations*- L. Wittgenstein (tr. G.E.M. Anscombe), Blackwell,1953.
- *Wittgenstein: Understanding and Meaning*- Baker and Hacker, Oxford: Basil Blackwell, 1980.
- *How To Do Things with Words*- J.L. Austin, Harvard University Press, 2005.
- *Speech Act*- John Searle, Cambridge University Press, 1969.
- ‘What is a speech act?’ in *The Philosophy of Language*- J. Searle (ed.), London: Oxford University Press.
- *Studies in the Way of Words*- H.P. Grice, Cambridge, M.A: Harvard University Press, 1989.
- ‘Utterer’s Meaning, Sentence -meaning and Word Meaning’ in *The Philosophy of Language*- J. Searle (ed.), London: Oxford University Press.

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31.9 Feminist Philosophy 3

Environment and Feminism

Some prominent views in ecofeminism :

Karren J. Warren : women, nature and culture

Carol Adams: feminist-vegetarian critical theory

Vandana Shiva: ecofeminism

Suggested Readings:

- “Ecofeminism” by Victoria Davion in *A Companion to Environmental Philosophy*-Dale Jamieson (ed.) ,2001, Blackwell Publishing
- *The Sexual Politics of Meat: A Feminist-Vegetarian Critical Theory*- C. J. Adams, Continuum, 1990
- *Ecofeminism and the Sacred*- C. J. Adams, Continuum, 1993
- “Ecofeminism and the eating of animals” by C.J. Adams in *Hypatia : A Special Issue, Ecological Feminism* 6, no.1
- *Neither Man nor Beast*-C.J. Adams,1994, NY: Continuum
- “The power and promise of ecological feminism” by Karren J. Warren in *Environmental Ethics* 12, no.2
- “Feminism and Ecology’: Making Connections” by Karen J. Warren in *Environmental Ethics* 9
- *Ecofeminism: Women, Culture, Nature*-Karren J. Warren & N. Erkal (eds.),1997, Indianapolis: Indiana University Press
- *Staying Alive: Women, Ecology and Development*-Vandana Shiva,1989, London: Zed Books
- “Development as a new project of western patriarchy” by Vandana Shiva in *Reweaving the World: The Emergence of Ecofeminism*-I.Diamond & G.F. Orenstein,1990, San Fransisco: Sierra Club Books

- *Close to Home: Women Reconnect Ecology, Health and Development Worldwide*- Vandana Shiva,1994, London:Earthscan,
- *Ecofeminism: Women, Animals, Nature*-Greta Gaard (ed.), 1993, Philadelphia: Temple University Press

31.10 Philosophy of Mind 3

Consciousness

Introducing the problem of consciousness

Nature of consciousness

Concept of consciousness

Nature of Qualia: Knowledge argument, Explanatory argument, Modal argument

Refutation of Qualia

Suggested Readings:

- *The Conscious Mind* (Introduction) – D. Chalmers, 1996, OUP
- ‘Concept of Consciousness’ in *Consciousness, Function and Representation*- Ned Block,2007, USA, MIT Press
- *Consciousness: An Introduction*- Susan Blackmore , 2004,OUP
- ‘Can We Solve the Mind-Body Problem?’ by Colin McGinn in *Philosophy of Mind*-T.O’Connor & D.Robb, 2003,London, Routledge
- What It Is Like To Be A Bat?- Thomas Nagel in *The Nature of Mind*, D. M. Rosenthal (ed), 2001, OUP.
- Consciousness and Its Place in Nature – D. J. Chalmers in *Blackwell Guide to the Philosophy of Mind*, Stich and Warfield (eds.) 2003, Blackwell.
- Quining Qualia-D. C. Dennett in *Consciousness in Modern Science*, A. Marcel and E. Bisiach (eds.), 1988, OUP.
- Epiphenomenal Qualia- F. Jackson (for knowledge argument) in *Philosophical Quarterly* 32, 1982.
- Materialism and Qualia: The Explanatory Gap-J. Levine (for explanatory argument) in *Pacific Philosophical Quarterly*,64, 1983.
- *Naming and Necessity*(excerpts)- S. A. Kripke (for modal argument), 1981, Wiley-Blackwell.

31.11 Philosophy of Science 3

Social History of Science

Objective: The objective of the course is to enable students to understand science as a socio-cultural product in a specific historical context. The course exposes the students to philosophical, historical and sociological perspectives to look at science as a practice deeply embedded in culture and society. It emphasizes the dynamic nature of the relations between wider cultural practices on one hand and scientific practices on the other. The attempt is to equip the student with a theoretical understanding indispensable for an in-depth study of science-society dynamics.

Science as Culture: Issues and Perspectives

a) Social Context of Production of Scientific Knowledge

- i) Demarcation, Autonomy and Cognitive Authority of Science- Received view
- ii) Challenges to the Received View

Suggested Readings:

- *What is this thing called Science?*- A.F. Chalmers, 1976, Milton Keynes: The Open University Press.
- *The Science Studies Reader*, M. Biagioli (ed.), 1999. New York: Routledge.
- *The Manufacture of Knowledge: An Essay on the Constructivist and Contextual Nature of Science*- K. Knorr-Cetina, 1981, Oxford: Pergamon Press.
- *Companion to the History of Modern Science*- R.C. Olby, G.N. Cantor, J.R.R. Christie and M.J.S. Hodge (eds.), 1990, London: Routledge.

b) Organization of Production of Scientific Knowledge and Professionalization of Science.

Suggested Readings:

- *The Sociology of Science*-Robert Merton, 1973, Chicago University Press.
- *The Structure of Scientific Revolution*- Thomas Kuhn, 1970 (2nd Edition), Chicago: Chicago Univ. Press.

31.12 Formal Semantics 3

3. Lambda Abstraction and L-lambda; Ltype: a Higher Order Type-theoretic language.

Suggested Readings:

- David R. Dowty, Robert E. Wall, Stanley Peters, *Introduction to Montague Semantics*, D. Reidel Publishing Company, Dordrecht, 1981
- R. Montague, *The Proper Treatment of Quantification in Ordinary English*, published in Jaakko Hintikka, Julius Moravcsik, Patrick Suppes (eds.): *Approaches to Natural Language*. Dordrecht 1973, 221–242.
- P. Martinich (ed.), *The Philosophy of Language*, Oxford University Press, 1985
- Saul Kripke, *Naming and Necessity*, Harvard University Press, 1980
- *Journal of Semantics*, Oxford Journals, Oxford University Press

Annexure IV

PHIL 1004: Paper 32 Optional Courses 35+15 Marks

32.1 Rational Foundations of Mathematics 4

a) First Incompleteness Theorem of Gödel: Translation of Gödel's 1931 paper *Über formal unentscheidbare Sätze der Principia Mathematica und verwandter Systeme, I*

Suggested Readings:

- Körner, Stephan, *The Philosophy of Mathematics, An Introduction*. Harper Books, 1960.
- Kalish, Donald and Richard Montague. *Logic: Techniques of Formal Reasoning*. Harcourt. Brace & World, Inc. 1964
- Hintikka, Jaakko. *Philosophy of Mathematics: Readings in Philosophy*. Oxford. Oxford University Press. 1969
- Heijenoort, Jean van. *From Frege To Gödel: A Source Book in Mathematical Logic, 1879-1931*. Harvard University Press. Reprinted with corrections, 1977
- *The Completeness of the First-Order Functional Calculus* by Leon Henkin
- *On formally undecidable propositions of Principia Mathematica and related systems I*. translated by Martin Hirzel available on:
<http://www.research.ibm.com/people/h/hirzel/papers/canon00-goedel.pdf>

32.2 Western Logic 4

Philosophical Issues

Logical Paradoxes, Entailment, Logical Truths, Logic and Existence, Meaning of Logical Constants, Justification of Deduction, Possible Worlds, Variables and Quantification.

Suggested Readings:

- *Recent Essays on Truth and The Liar Paradox*- R.Martin,1984, OUP,USA
- *The Ways Of Paradox* by W.V. Quine, in *The Ways Of Paradox and Other Essays*,1976, Harvard University Press,London
- *Philosophy Of Logics*- Susan Haack,1978, Cambridge University Press, Cambridge,London
- *Laws of logic* –A.Pap,Blackwell
- ‘The Problem of Entailment’ by P.K. Sen in *Jadavpur Studies in Philosophy*, vol. 2, 1980, Madras: MacMillan India
- *Semantics and Necessary Truth* –A. Pap, 1958 , New Haven, Yale University Press
- ‘On what there is’ in *From a Logical Point of View* -by W.V.Quine,1963,NY, Harvard University Press
- *An Introduction to Logical Theory*- P.F. Strawson, 1976, Bombay, B.I.Publications
- ‘Justification of Deduction’ in *Truth and Other Enigmas*- M. Dummett, 1978,Harvard University Press

- ‘On the Problem of Justifying Deduction’ in *Reference and Truth*- P.K. Sen, 1990, New Delhi: ICPR & Allied Publishers Ltd.
- ‘Selfjustifying Rules’ by Ranjan Mukhopadhyay in *Foundations of Logic and Language*- P. K. Sen (ed) , Jadavpur Studies in Second Series, 1990, Allied Publishers
- *Naming & Necessity*- Saul Kripke, 1980, Oxford, Basil Blackwell
- Modality and Possible World by Indrani Sanyal, in *Foundations of Logic and Language*- P. K. Sen (ed) , Jadavpur Studies in Second Series, 1990, Allied Publishers
- ‘Variables and Quantification’ by P.K Sen in *Logic, Induction and Ontology*, Madras: The Macmillan Company of India Ltd. 1980.
- *An Introduction To Philosophical Logic*-Grayling, Barnes and Noble, Totowa: N.J. 1982.
- *Philosophy of Logic* (2nd Edition)-Quine, Harvard University Press, Cambridge M.A., 1986
- Reference & Modality by Quine in *From a Logical Point of View* -by W.V.Quine, 1963, NY, Harvard University Press
- *Philosophy of Language*- A. P. Martinich, 1985, Oxford University Press, USA
- The Runabout Inference –Ticket by A.N.Prior., in *Analysis* 21, 1960-1961
- Tonk, Plonk, and Plink by Nuel Belnap , in *Analysis* 22, 1961-1962

32.3 Advaita Vedanta 4

- a. *Vdanta Paribhasa* (Pramanas excluding Pratyaksa)
- b. *Shrimadbhagavadgita*(*Samkhya-yoga adhyaya*)

Suggested Readings:

- *Vedanta Paribhasa* - Dharmarajadhvarindra (annotated in Bengali by Pt. Pancanan Sastri), Sanskrit Pustak Bhandar
- *Vedanta Paribhasa* - Dharmarajadhvarindra (with Paribhasa-samgraha tika in Sanskrit by Pt. Pancanan Sastri), Pt. Pancanan Sastri
- *Shrimadbhagavadgita with Gurarthadipika tika: Samkhya-yogaAdhyay* (translated and annotated in Bengali by Bhutanath Saptatirtha, Navabharat Publications, Kolkata)

32.4 Nyaya 4

- a. Bhasapariccheda with Muktavali (Pratyaksakhanda, karika 24-50)

b. Padarthatattva-Nirupanam (Selections: dik, kala, akasa, paramanu and dvyanuka)

Suggested Readings:

- *Bhasapariccheda with Muktavali* by Viswanath Nyayapancanan (translated and annotated in Bengali with Muktavali-samgraha tika in Sanskrit by Pancanan Sastri), Sanskrit Pustak Bhandar
- *Padarthatattva-Nirupanam*-Raghunath Siromani (edited and annotated by Madhusudan Bhattacharya) Sanskrit College, Kolkata
- *Encyclopedia of Indian Philosophies, vol. vi* - Karl H. Potter & Sibajiban Bhattacharyya (eds.), Motilal Banarsidass, Delhi

32.5 Indian Logic 4

Vyaptipancaka with Mathuri (1st & 2nd definitions of vyapti)

Suggested Readings:

- *Vyaptipancakarahasyam*-Mathuranatha
- *Vyaptipancaka*-Rajendranath Ghosh (tr.)
- “Some aspects of Navya-Nyaya Theory of Inference” by Shibajiban Bhattacharyya, in *Indian Logic: A Reader*-Jonardon Ganeri (ed.)
- *Vyaptipancakam*-Sri Shailajapati Mukhopadhyay (tr. & ed.), Sanskrit Pustak Bhandar
- *Gangesa's Theory of Invariable Concomitance*-C.G. Goekoop

32.6 Indian Philosophy of Language 4

Modern Interpretations:

- a. Epistemology of Testimony
- b. Nature of Sabda Pramana: A debate between J.N. Mohanty and Arindam Chakrabarty
- c. Empty Names in Indian Philosophy of Language
- d. Indexicals in Indian Philosophy of Language

Recommended texts:

For a.

- *Language Testimony and Meaning*- Sibajiban Bhattacharyya, Chapter-3, section 1 and 3. Delhi: ICPR, 1998

For b.

- ‘Understanding Falsehood: A Note on the Nyaya Concept of Yogyata’- A. Chakrabarty in *Journal of Asiatic Society*, Vol 28, 1986, pg 10-20
- *Reason and Tradition in Indian Thought*- J.N. Mohanty, Chapter on ‘Remarks on the Pramana Theory’. Oxford: Clarendon Press, 1992

For c.

- *Epistemology, Logic, and Grammar in Indian Philosophical Analysis*- B.K. Matilal, (Chapter 4), Oxford University Press, 2006.

For d.

- *Semantic Powers*- Jonardon Ganeri, (Chapter 7), Oxford: Clarendon Press, 1999

32.7 Western Philosophy of Language 4: Language and Continental Philosophy

- a) Semiotics:
 - i) Ferdinand de Saussure: Dualistic notion of signs—Signifier and Signified.
 - ii) Husserl: speech and phenomena.
 - iii) Derrida's critique.
- b. Hermeneutics:
 - i) Heidegger
 - ii) Gadamer

Suggested Readings:

- *Course in General Linguistics*- Ferdinand de Saussure, Open Court House.
- *Logical Investigations*-Husserl
- *On Way to Language*- Heidegger.
- *Being and Time*- M. Heidegger, trans. John Macquarrie and Edward Robinson, San Francisco: Harper, 1962.
- *Truth and Method*- H. G. Gadamer, trans. J. Weinsheimer and D.G. Marshall, New York: Continuum, 1994.
- *Philosophical Hermeneutics*- H.G. Gadamer, trans. D.E. Linge, Berkeley: University of California Press, 1976.
- *Of Grammatology*- J. Derrida, trans. Gayatri Chakravorty Spivak, Baltimore: John Hopkins University Press, 1974.
- *Hermeneutics- East and West*- Krishna Roy.

32.8 Applied Ethics 4

- Ethics in Management
- a. Management by Value Programmes: A qualitative appraisal
 - b. Ethical vision of management: A Vedantic Outline
 - c. Introduction to Total Quality Management
 - d. Evolution of management thought
 - e. Management in future
- Management in Teaching and Learning process :
 - a. Student –teacher relationship

Suggested Readings:

- *Management by Values: Towards Cultural Congruence*-S.K. Chakraborty, (Ch.4), 1991, Delhi: Oxford University Press
- *Ethics in Management*-S.K. Chakraborty, (Ch.1 & 5), 1995, Delhi:Oxford India Paperback
- *Cases in Total Quality Management*-Joel E. Ross, (Ch.1), 1995, New Delhi, Vanity Books International.
- *Ethics in Management*-S. A. Sherlekar, (Ch. 5-7), 1998, Mumbai:Himalaya Publishing House
- *Management Ethics-Integrity at Work*-J. A. Petrick & John F. Quinn,1997, New Delhi, Sage series on Business Ethics, Response Ethics.
- *Taittiriya Upanisad*
- *Theory & Principles of Education* – J. C. Aggarwal, Delhi, Bikash Publishing House
- *Assessment In Education: Principles, Policy & Practice*- VolNo-18, Routledge

32.9 Feminist Philosophy 4

Feminist Political Philosophy

Gender politics; private/public; State as a patriarchal instrument; empowerment of women

Some practical issues:

- i) Domestic violence
- ii) Unpaid household labour
- iii) The politics of body; abortion; birth-control

Suggested Readings:

- *Women in Western Political Thought*-Susan Mollar Okin, 1979, Princeton,NJ: Princeton University Press
- *Public Man, Private Woman: Women in Social and Political Thought*-J.B. Elsthain,1981, Princeton,NJ: Princeton University Press
- *Feminist Politics and Human Nature*-Alison Jagger,1983,Totowa, NJ: Rowman & Allenheld
- *Body Talk: Philosophical Reflections on Sex and Gender*-J. Zita,1998, NY: Columbia University Press
- *Bodies that Matter: On the Discursive Limits of "Sex"*- J.Butler,1993,London:Routledge
- *Reconstructing Political Thought: Feminist Perspectives*-M.L. Shanley & U. Narayn,1996, University Park: Pennsylvania State University
- *The Time Bind: When Work Becomes Home and Home Becomes Work*-Arlie Russell Hochschild,2001, NY: Henry Holt
- *The Household: from Labour to Care*-S.Immelweit (ed.),2000, London:Macmillan
- *Sentenced to Everyday Life: Feminism and the Housewife*-Lesley Johnson & Justine Lloyd, 2004, Berg

- *Dignity and Daily Bread*-S. Rowbotham & S. Mitter (eds),1994, London: Routledge
- “As if there were fetuses without women : A remedial essay” by Mary B. Mohowald in *Applied Ethics*-L. May & S.R. Sharratt (eds),1994,NJ: Prentice-Hall
- “Selective termination of pregnancy and women’s reproductive autonomy” by Christine Overall in *Applied Ethics*-L. May & S.R. Sharratt (eds),1994,NJ: Prentice-Hall

32.10 Philosophy of Mind 4

Contemporary Issues in Philosophy of Mind

- Internalism and Externalism
- The Extended Mind
- The problem of Other Minds
 - Introduction to the problem of Other Minds
 - Theory Theory
 - Simulation Theory
- Personal Identity

Suggested Readings:

- “Mental Content” in *Philosophy of Mind* (Chapter 8)- J. Kim, Westview Press, Colorado, 1998
- “The Extended Mind” by A. Clark and J. Chalmers in *Analysis* 58, 1998.
- *Matter and Consciousness* (Chapter 4)-P.M. Churchland, 1984, MIT Press.
- *Theories of Theories of Mind*- Peter Carruthers, 1996, Cambridge University Press.
- *Mental Simulations*- Martin Daves & Tony Stone (ed.), (Chapter 2)-A.I. Goldman, 1995, Blackwell.
- *Simulating Mind: The Philosophy, Psychology and Neuroscience of Mind Reading*- A.I. Goldman, 2008, OUP.
- “Reductionism and Personal Identity” by Derek Parfit in *Philosophy of Mind: Classical and Contemporary Readings*-D.J. Chalmers, OUP,2002

32.11 Philosophy of Science 4

Science in India

a) Science in Ancient India

Suggested Reading

- *Positive Science of the Ancient Hindus*-B.N. Seal, 1991 (Reprint), Delhi, Saujanya Books.

b) Science in Colonial/ Post colonial India

i) Science in Colonial India

ii) Reception of Modern Science in India

Suggested Readings:

- ‘Reconfiguring the Centre: The Structure of Scientific Exchanges Between Colonial India and Europe’- D. Raina, in *Minerva* (1996), 34.
- *Images and Contexts: Studies in the Historiography of Science in India*- D. Raina, 2003, Oxford University Press.
- *Domesticating Modern Science: A Social History of Science and Culture in Colonial India*- D. Raina and S. Irfan Habib, 2004, Tulika Books.
- Mahabharata: Shantiparva (Rajdharna)

32.12 Formal Semantics 4

a) Semantic languages for Intensional Logic

b) Modal Logic

c) Modal Semantics

Suggested Readings:

- David R. Dowty, Robert E. Wall, Stanley Peters, *Introduction to Montague Semantics*, D. Reidel Publishing Company, Dordrecht, 1981
- R. Montague, *The Proper Treatment of Quantification in Ordinary English*, published in Jaakko Hintikka, Julius Moravcsik, Patrick Suppes (eds.): *Approaches to Natural Language*. Dordrecht 1973, 221–242.
- P. Martinich (ed.), *The Philosophy of Language*, Oxford University Press, 1985
- Saul Kripke, *Naming and Necessity*, Harvard University Press, 1980
- *Journal of Semantics*, Oxford Journals, Oxford University Press