

**UNIVERSITY OF PUNE**

**Board of Study in Philosophy**

**Revised Syllabus for**

**M.A. Part II (Sem III & IV)**

**(Semester & Credit system to be implemented from 2014-15 at college centers  
& University Department)**

## **PH-301 METHODS OF PHILOSOPHY**

[**Objective** -To acquaint and enable the students to know and practice some important methods of philosophy.]

### **Credit I Analysis (Study of following articles)**

- 1) 'Defense of Common Sense',- G.E.Moore
- 2) 'Systematically Misleading Expressions',- Ryle Gilbert

### **Credit II Phenomenology**

- 1) Husserl on phenomenology as rigorous science. Critique of naturalism and psychologism
- 2) Brentano and Husserl – Intentionality
- 3) Epoche as Method, Three kinds of Reduction

### **Credit III – Hermeneutics**

- 1) Dilthey's conception of understanding
- 2) Gadamer's critique of hermeneutics as a method
- 3) Ricoeur's theory of interpretation

### **Credit IV – Critical Thinking**

- 1) Horkheimer's critique of Marxism and logical positivism
- 2) Habermas on knowledge and human interests

### **Books for Study**

1. Ammerman, R.R.(Ed.), *Classics of Analytical Philosophy*, Tata Mc Graw-Hill Publishing Co. Ltd.,1965.
2. Husserl E., *The Idea of Phenomenology*, (tr. By W.P. Alston and G.Nakhtnikian, Martinus Nijhoff) The Hague, 1964.
3. Bell, David, *Husserl*, Routledge, London, 1990.
4. Hans Georg Gadamer, *Truth and Method*, Seabury Press, New York, 1975.
5. Thompson J. B., (ed.) *Hermeneutics and the Human Sciences*, Cambridge University Press, Cambridge 1981.
6. Sundara Rajan R. *Studies in Phenomenology Hermeneutics and Deconstruction*, ICPR, New Delhi, 1991.
7. Held David, *Introduction to Critical Theory, Horkheimer to Habermas*, Hutchinson, 2007.
8. Rorty Richard (ed.), *The Linguistic Turn, Essays in Philosophical Method with Two Retrospective Essays*, University of Chicago Press, 1992.

9. Ryle Gilbert, *Systematically Misleading Expressions*, Published in *Proceedings of the Aristotelian Society*, 1931/2. Republished in Anthony Flew, *Logic and Language*, First Series, 1951.

### **Books for References**

1. Sundara Rajan R “Notes Towards a Phenomenology of Historiographies” *The Journal of the Indian Council of Philosophical Research*, June. 1996.
2. Pivcevic Edo : *Husserl and Phenomenology*, Routledge, London, 2014.
3. Stegmuller Wolfgang, *s Main Currents in Contemporary German, British and American Philosophy*
4. John Passmore: *Philosophical Reasoning*.
5. Rescher Nicholas, *Philosophical Reasoning – A Study in Methodology of Philosophy*, Oxford, Blackwell, 2001.
6. Douglas N. Walton, *Arguer’s Position*, Greenwood Press, London, 1985.
7. R. G. Collingwood, *An Essay on Philosophical Method*, Clarendon Press, Oxford, 1965.

### **PH-302 : MORAL PHILOSOPHY**

**[Objectives:** To acquaint the student with major trends of thought in Classical Western Modern Philosophy and help them to understand them critically.]

#### **Credit I**

Subject matter of ethics, normative ethics, applied ethics, meta-ethics and their inter-relation

#### **Credit II**

Concept of Eudemonia Ethics

Aristotle on virtue, excellence of character, virtue and happiness; problem of weakness of the will.

#### **Credit III**

Kant : Deontological Ethics

Kant on goodwill, duty, categorical imperative.

#### **Credit IV**

Mill – Utilitarianism

Principle of utility, problem of sanction and justification of morality, utility and Justice.

### **Books for Study**

1. Apostle, H.G., Aristotle: *The Nichomanshien Ethics*, D. Reidel Pub. Co. 1975.
2. Rortiy A.D. (ed.): *Essays on Aristotle's Ethics*, University of California Press Urmson J.O. *Aristotle's Ethics*
3. Roger J. Sullivan: *Immanuel Katfs Moral Philosophy*: Cambridge University Press, 1989.
4. Paton H. J. - *The Moral Law: Kant's Groundwork of the Metaphysics of Morals*, Hutchinson University Press.
5. Mill J.S.: *Utilitarianism*: Everyman's Library, London.
6. Williams Bernard and Smart, J.J.C (eds.) - *Utilitarianism: For and Against*

### **PH – 303: SCHOOLS OF VEDANTA (II)**

[**Objective:** To introduce Ramānuja, Vallabha, Madhva and Nimbārka as the exponents of *Vedānta* Philosophy]

#### **Credit I: Ramanuja**

- a) Criticism of *Māyāvāda* of Samkara, nature of *Brahman*, *Jīva*; *Cit*, *Acit* and *Īśvara* and their inter-relation.
- b) Criticism of *Nirvikalpajñāna*. *Satkhyātivāda*..
- c) Concepts of *Mokṣa* and *Bhakti*. Synthesis of *Jñāna*, *Karma* and *Bhakti*.

#### **Credit II: Vallabha**

- a) Concepts of *Brahman*, *Jīva*, *Jagat* and their inter-relation.
- b) Nature & kinds of *Pramāṇa* as & *Prameyas*. *Anyathākhyāti*.
- c) The concepts of *Mokṣa*, *Bhakti*, *Mukti*, *Puṣṭi* and *Īśvara* and their relationships.

#### **Credit III: Madhva**

- a) Criticism of *Advaita*. Concept and kinds of *Bheda*.
- b) Concepts of *Īśvara*, *Jīva*, *Jagat* and their inter-relationship
- c) Concepts of *Svatantra*, *Asvatantra*, *Bhakti* and *Mokṣa*.

#### **Credit IV: Nimbarka**

- a) Nature of *Brahman*, *Jīva*, *Cit* and *Acit*. The doctrine of *Bhedābheda*.
- b) Concept and five means to attain *Mokṣa*. Nature and kinds of *Prapatti*
- c) Doctrine of *Bhakti*.

### **Books for Study**

1. Dvivedi V.P. (ed.), *Vedanta-Parijata Saurabha*, C.S.S. No.152, Banaras, 1910.
2. Ghate P.V.S., *The Vedanta, A Study of the Brahmasutras with the Bhasya of Sankaracharya, Ramanuja*, Deccan College, Pune, 1981.
3. Abhyankarshatri V., *Sribhasya of Ramanuja*, Bombay Sanskrit and Prakrut Series No. LXX 11, Bombay, 1916.
4. Agarwal M.M.(ed.), *Brahma Sutra Nimbarkabhasyam*, Vol I-III, Vrajajivana-Prachya Bharati Granthamala- 94, Chaukhamba Sanskrit Pratisthan, Delhi, 2000.
5. Aiyangar M.B. Vardaraja, *The Vedantasutras with the Sribhasya of Ramanuja* Murshiram Manoharlal Publisher Pvt. Ltd., Delhi, 1988.
6. Comas Michael, *A study of Advaita & Visistadvita*, Sri Satguru Publications, Delhi, 1988.
7. Kavishwar D.D. (tr.), *Sribhagavan-Nimbarka-Viracitah Vedantaparijata-Saurabha*, Tilak Maharashtra Vidyapeeth Publications, Pune, 1965.

### **Books for References**

1. Agarwal M.N., *The Philosophy of Nimbarka*, Bhargava Book House, Agra, 1977.
2. Buiteren J.A.B., *Ramanuja's Vedantasangraha*, Deccan College, Monography-16, Pune, 1962.
3. Avadhani R.B., *Sriman Madavacharaya va tyanche Tattvajnana Dvaitasiddhanta* Office, Pune, 1871.
4. Barz Richard, *The Bhakti Sect in Vallabhacharaya*, Thomson Press Limited, India, 1976.
5. Chari S.M. Srinivas, *Advaita and Visistadvita*, Motilal Banarasidass, Delhi, 1976.
6. Raghvan V.L.S.N., *History of Visistadvita Literature*, Ajanta Publication, Delhi, 1979.
7. Shah J.G., *Sri Vallhabhacharya: His philosophy and Religion*, Pushtimargiya, Pustakalaya, Nadiad, 1979.
8. Shanbhag D.N., *Some Problems in Dvaita Philosophy in their Dialectical Setting*, Bharat Book Depot. and Prakashan, Dharwad, 1982.
9. Shanbhag D.N., *Sri Madhvacharaya and his Cardinal Doctrines*, Bharat Book Depot & Prakashan, Dharwad, 1990.
10. Sharma B.N.K., *History of Dvaita School of Vedanta & its Literature*, Motilal Banarasidass, Delhi, 1960.
11. Sharma B.N.K., *Philosophy of Sri Madhvacharaya*, Motilal Banarasidass, Delhi, 1986.
12. Sinha J., *The Philosophy of Nimbarka*, Sinha Publishing House, Calcutta, 1973.

## PH – 304 : SAINTS OF MAHARASHTRA

[**Objective** : To introduce some dominant trends in *Bhakti* Philosophy in Maharashtra with their distinctive characteristics in terms of epistemology, metaphysics and ethics.]

### Credit I:

- a) Salient features of *bhakti* movement and its socio-cultural impact.
- b) Cakradhara's views regarding knowledge and *pramaṇas*.
- c) Nature of and interrelation among *Īśvara*, *Jagat*, *Devatā* and *Jīva*.
- d) The nature of *Mokṣa* and pathway to it. *Acāradharma*.

### Credit II:

- a) Jnānesvara's views regarding knowledge.
- b) The roles of *anubhava*, *śabda*, *jnāna* and *ajnāna*.
- c) The nature of Reality (*Vastu*); *Jagat* and *Jīva* and their interrelation.
- d) The role of *Jnāna*, *Karma* and *Bhakti* with regard to liberation.

### Credit III:

- a) Tukārām : approach to Vedic and Upanisadic philosophy.
- b) His concept of *Santa*, The nature of *Īśvara* and *Bhakti*. Social Philosophy.
- c) Bahenabai : concept of non-dualism and *Māyā*, *Brahmana*
- d) *Dnyāna*, *Bhakti*, *Karma*; 'Loyalty to one's husband' (*Pātivratya*) in conventional and spiritual sense

### Credit IV:

- a) Ramdasa : *Jnāna*, *Ajnāna*, *Viveka*
- b) Nature of *Brahman*, *Īśvara*, *Jagat*, *Māyā*, Ninefold *bhakti* and fourfold *mukti*, social philosophy (*Prapanca*, *Paramārtha*, *Prarabdha*, *Prayatna* and *Puruṣārtha*)
- c) Ekanatha : Critique of caste system and religious dogmatism.
- d) Bhagawat Dharma.

### Books for Study

1. Dandekar S. B.(ed.), *Sartha Amrtanubhava ani Cangadevapasasti*, Varkari shikshan Sanstha, Alandi, 1978.
2. *Sartha Jnaesvari*, (Relevant sections only)
3. *Tukarama Maharajanca Gatha* (Relevant sections only)
4. Ramdas, *Dasabodha*, Manace Sloka, *Atmarama* (Relevant chapters only)

### Books for References

1. Nene, H. N., *Cakradharokta Sutrapatha*, Nagpur, 1942

2. Kolte, V.V., *Mahanubhava Tattvajnana*, Arun Prakashan, Malkapur, 1956.
3. Bahirat, B.P., *Philosophy of Jnanadeva*, Popular Prakashan, Mumbai] 1993.
4. More, Sadanand, *Trayodasi*, Naveen Udyog, Pune, 1995.
5. More, Sadanand, *Tukaramadarsana*, Gaj Prakashan, Ahmednagar
6. Chitre D. P., *Nector of Experience*, Sahitya Academy, Delhi, 1996.
7. Gokhale, P. P. *Jnanadevance Anubhavamrtatila Tattvajnana*, Amod Granthaseva, Sangamner, 1985.
8. Ranade, R. D., *Tukaramavacanamrti*
9. Bhavé Vinoba, *Santanca Prasada*
10. Special Numbers of *Paramarsha*, University of Pune, on 1) *Tattvacintaka Jnanesvara* (Vol. 13 No. 1, May 1991), 2) *Santanca Tattvajnana* (1) (Vol.16 No.1, May,1994), 3) Vol.18, No. 4 (February,1997) 4) Mahanubhava philosophy Vol.26, Nos.2-3 (August 2004-Jan. 2005)

## PH – 305: BUDDHIST LOGIC AND EPISTEMOLOGY

[**Objective:** To expose students to the basic concepts of Buddhist Logic and Epistemology]

### Credit I:

- a) *Samyak-jñāna*: its nature and significance; Nature and kinds of *Sat* : *Prameyas* and *Pramāṇas*.
- b) Conditions of *Jñāna*: *Avisaṃvādatva*, *Vyavahartavyatva* and *Avijñātārtha-prakāśakatva*.
- c) *Pramāṇa-Vyavasthā/Viplava* vs *Nyāya Pramāṇa-Saṃplava*, *Pramāṇāntara-bhāva*.

### Credit II:

- a) Views on *Prāmāṇya* and *Aprāmāṇya*.
- b) *Pratyakṣa*: its nature and kinds : *Dignāga* and *Dharmakīrti*.
- c) Nature and four kinds of *Bhrānti*.

### Credit III:

- a) *Dignāga*'s conception of *Anumāna*, *Svārthānumāna* and *Parārthānumāna*: *Sādhana-Pakṣa*, *Hetu* and *Drṣṭānta*, *Nāntariyaka-saṃbandha*, various forms of valid inferences.
- b) *Dharmakīrti*'s Theory of *Anumāna*: *Svārthānumāna*: *Trairūpya* of *Hetu* and *Tridhātva* of *Hetu*. *Avinābhāva-Niyama*: its nature and grounds.

- c) *Parārthānumāna: Sādharmyavat and Vaidharmyavat-rayoga, Vyāpya-Vyāpaka-Bhāva* and forms of *Svabhāva-pratibandha : Tādātmya and Tadutpatti*.

#### **Credit IV:**

- a) Dharmakīrti on the nature and kinds of *Hetvābhāsas, Pakṣābhāsas* and *Sādhanābhāsas*  
b) Dharmakīrti on *Vāda* and *Nigrahasthānas*.  
c) Dharmakīrti on the distinction between *Hetvābhāsas* and *Nigrahasthānas*.

#### **Books for Study**

1. Dhruva A.B. (ed.), *Digñāga's Nyāya-Praveśa*, Baroda Oriental Institute, Baroda, 1954.
2. Digñāga; Chatterjee Durgacharana (ed.), *Hetu-cakra-hamaru (Nirṇaya)*, *Indian Historical Quarterly*, Vol.9,1933.
3. Dharmakīrti, *Nyāya-Bindu*, Chaukhambha, Varanasi, 1954.
4. Chandrasekhar Shastri (ed.), *Pramāṇa-Vārtika* of Acarya Dharmakīrti, Bauddha-Bharati, Varanasi, 1968.
5. Sanghavi Sukhalalaji and Jinavijayaji (eds.), *Hetu-bindu* of Dharmakīrti, Gaikwad Oriental Institute, Baroda, 1949.

#### **Books for References**

1. Vidyabhusana S.C., *History of Indian Logic*, Motilal Banarsidass, Delhi, 1978.
2. Prasad Rajendra, *Dharmakīrti's Theory of Inference: Revaluation and Reconstruction*, Oxford University Press, New Delhi, 2002.
3. Motilal, B.K. & Evans, R.D. (eds.), *Buddhist Logic and Epistemology*, D. Reidel, Dordrecht, 1986.
4. Stcherbatsky Th., *Buddhist Logic*, Vol. I- II, Dover, New York, 1962.
5. Chi, R.S.Y., *Buddhist Formal Logic*, Motilal Banarsidass, Delhi, 1984.
6. Shastri D.N., *The Philosophy of Nyaya-Vaiśeṣika and its Conflict with Buddhist Dīnāga School*, Bharatiya Vidya Prakasana, Delhi, 1976.
7. Barlingay S. S, *A Modern Introduction to Indian Logic*, National Publishing House, Delhi, 1967.
8. Chinchore M.R., *Dharmakīrti's Theory of Hetu-centricity of Anumāna*, Motilal Banarsidass, New Delhi, 1989.
9. Chinchore M.R., *Vādanyāya: A Glimpse of Nyāya-Buddhist Controversy*; Sri Satguru Publications, New Delhi, 1988.
10. Pandeya Pandeya Ramchandra (ed.), *Pramāṇa-Vārtika* of Acarya Dharmakīrti, Motilal Banarsidass, Delhi, 1989.



11. Gokhale P.P., (ed. & tr.), *Vādanyāya of Dharmakīrti: The Logic of Debate*, Indian Books Centre, Delhi, 1993.
12. Gokhale P. P. (ed. & tr.) *Hetu Bindu of Dharmakīrti: A Point of Probans*, Indian Books Centre, Delhi, 1997.
13. Bapat Lata, *Buddhist Logic*, New Bharatiya Book Corporation; Delhi; 1990.
14. Chattopadhyaya Madhumita, *Walking Along the Paths of Buddhist Epistemology*, D.K. Print World, Delhi, 2007.

### **PH-306 KANT**

[**Objectives:** To introduce Kant's philosophy and way of philosophizing with reference to the original texts]

#### **Credit I**

- a) Kant's project of critical philosophy, Kant's philosophical anthropology
- b) The statement and formation of the problem of knowledge
- c) Nature and classification of judgments – apriori, aposteriori, synthetic apriori

#### **Credit II**

- a) Space and time
- b) Categories of understanding
- c) Synthetic unity of apperception

#### **Credit III**

- a) Transcendental deduction
- b) Imagination, schematism
- c) Phenomena and noumena

#### **Credit IV**

- a) Rational knowledge of morality, three postulates of morality
- b) Critique of judgement- judgement as a faculty, analysis of the beautiful and sublime; concept of teleology
- c) Religion within the bounds of reason alone

#### **Books for Study**

1. Kant I., *The Critique of Pure Reason*, (Tr.) Smith N.K. MacMillan, London, 1970.
2. Kant I., *The Critique of Practical Reason*, Tr. by Abbott T.K., Longmans, London, 1973.
3. Kant I., *The Critique of Judgement* (Tr.) Bernard J.H., Oxford, London, 1973.

### **Books for References**

1. Strawson P.F., *The Bounds of sense*, Methuen, London, 1966.
2. Bennett J., *Kant's Analytic*, Cambridge University Press, London, 1966.
3. Bennett J., *Kant's Dialectic*, Cambridge University Press, London, 1974.
4. Smith, Kemp N.A., *A Commentary on Kant's Critique of Pure reason*, MacMillan, London, 1929.
5. Cassirer E., *Kant's First Critique*, Allen and Unwin, London, 1954.
6. Bird, G., *Kant's Theory of Knowledge*, D. Reidel Dordrecht, 1974.
7. Wolf K. P., (ed.) *Kant : Critical Studies*, MacMillan, London, 1968.

### **PH 307 : EARLY WITTGENSTEIN**

[Objectives: To acquaint students with major philosophical aspects of Wittgenstein's philosophy with reference to his *Logico Philosophicus Tractatus*]

#### **Credit I : Objects and facts**

Objects, things; objects as simple and colourless, as the substance of the world; states of affairs and facts, atomic facts.

#### **Credit II : Propositions**

Proposition and meaning; logical atomism, picture theory, truth functional theory, saying and showing.

#### **Credit III : Philosophy and Logic**

Logic as transcendental, propositions of logic, logic as the mirror image of the world; Philosophy as the clarification of thought, distinction between philosophy and science.

#### **Credit IV: Language and the World**

Limits of language and the limits of the world: self, solipsism and scepticism; the status of value propositions.

### **Books for Study**

1. Ludwig Wittgenstein, *Tractatus Logico-Philosophicus*, (trans.), D.F. Pears and B.F. Mc Guinness), Routledge and Kegan Paul Ltd., (revised edition), 1974.
2. Ludwig Wittgenstein, *Philosophical Investigations*, (Passages 1-133), (English text with index), (trans., G.E.M. Anscombe), Basil Blackwell Publication, 1968.
3. G.E.M. Anscombe, *An Introduction to Wittgenstein's Tractatus*, Huntington and Co., London, 1959.

4. Stenius Erik, *Wittgenstein's Tractatus: A critical Exposition of its main lines of thought*, Basil Blackwell, 1960.
5. Peterson Donald, *Wittgenstein's Early Philosophy- 'Three Sides of the Mirror'*, BPCCL, Wheaton Ltd., 1990.
6. K.T. Fann, *Wittgenstein's Conception of Philosophy*, Basil Blackwell, 1969.

### **Books for References**

1. Ludwig Wittgenstein, *Notebooks: 1914-1916*, (trans.), Anscombe G.E.M., Harper Torch book Edition, New York, 1969.
2. Ludwig Wittgenstein, *The Blue and Brown Books: Preliminary Studies for the Philosophical Investigations*, Basil Blackwell, 1958.
3. Maslow Alexander, *A study in Wittgenstein's Tractatus*, England, Thoemmes Press, 1997.
4. McGuinness B. F., *The Mysticism of the Tractatus*, *The Philosophical Review*, 75:3, Jul., 1966
5. Hintikka Jaakko, *On Wittgenstein's 'Solipsism'*, *Mind*, New Series, 67: 265, Jan. 1958.
6. Ricketts Thomas, 'Pictures, Logic, and the limits of sense in Wittgenstein's Tractatus', in *The Cambridge Companion to Wittgenstein*, Sluga H. and Stern David G. (eds.), Cambridge University Press, U.S.A., 1996.
7. Frege, 'Function and Concept' in *Translations from the Philosophical Writings of Gottlob Frege*, P. Geach and M. Black (eds. and trans.), Oxford, Blackwell, 3rd edition, 1980.
8. R.C. Pradhan, *The Great Mirror*, Kalki Publication, New Delhi, 2007. (Reprint)

## **PH – 308: PHENOMENOLOGY**

**[Objectives :** To introduce fundamental issues and concepts in Husserl's phenomenology and to acquaint students with post- Husserlian responses to phenomenology]

### **Credit I: Edmund Husserl : (1)**

- (a) Phenomenology as a rigorous science: response to the crisis of forgetfulness of the subject, critique of naturalism, psychologism and historicism
- (b) Intentional Structure of Consciousness: Difference between Brentano and Husserl, overcoming empiricist account of perception, intentionality as active perception

### **Credit II: Edmund Husserl (2)**

- (a) Method: Epoche, Reduction (Eidetic, Transcendental and Phenomenological) and Free Imaginative Variation
- (b) Transcendental Ego and the Problem of Solipsism, the search for intersubjectivity and Lebenswelt (lifeworld).

**Credit III: Martin Heidegger:**

- (a) Hermeneutic phenomenology & phenomenological ontology: Differences with Husserl, phenomenology as revelation of what shows itself rather than method (from Introduction to Being and Time)
- (b) An illustration of phenomenological ontology, world-hood as unitary dwelling and practical engagement between human beings and equipment or *Zeug* versus Descartes's dualistic attitude to the world

**Credit IV: Merleau Ponty:**

- a) Phenomenological Description : Perception as immanent and transcendent, as pre-reflective lived experience
- b) Phenomenological Description : Human Existence as embodied (corps-subject)

**Books for Study**

1. Husserl, E., *The Idea of Phenomenology* translated by W.P. Alston and G. Nakhnikian, Martinus Nijhoff, The Hague, 1964.
2. Husserl E., *Cartesian Meditations*, Martinus Nijhoff, The Hague, 1977.
3. Heidegger Martin, *Being and Time* New York: Harper and Row, 1962.
4. Heidegger Martin, *Basic Writings* (ed.) D.F. Krell, Routledge & Kegan Paul, London, 1978
5. Merleau Ponty: *The Phenomenology of Perception*, Routledge and Kegan Paul, London, 1962. (Motilal Banarasidas reprint is also available)

**Books for References**

1. Moran Dermot and Timothy Mooney, *The Phenomenology Reader* Routledge and Kegan Paul, London, 2002.
2. Husserl, Edmund, *Phenomenology and the Crisis of Philosophy*, New York, Harper Torchbooks, 1965.
3. Bhadra M.K., *A Critical Survey of Phenomenology and Existentialism*, ICPR in association with Allied Publishers, New Delhi, 1990.
4. Hammond M. Howarth J. and Keat Russell, *Understanding Phenomenology* Blackwell, Oxford, 1992
5. Critchley, Simon and Schroeder William (Ed) *Blackwell Companion to Continental Philosophy*, Blackwell, Malden, 1998

6. Embree L. Behnke E. David Carr and Others (eds.). *Encyclopedia of Phenomenology* , Kluwer Academic Publishers, Dordrecht, 1997.
7. Kearney Richard, Rainwater Mara, *The Continental Philosophy Reader*, Routledge, London & New York, 1996.
8. Bell, David, *Husserl*, Routledge, London, 1990.
9. Sundara Rajan R., “Notes Towards a Phenomenology of Historiographies” *The Journal of the Indian Council of Philosophical Research*, June 1996.
10. Spiegelberg Herbert, *The Phenomenological Movement: A Historical Introduction*, Hague Martinus Nijhoff .

### **PH 309 CONTEMPORARY CONTINENTAL PHILOSOPHY**

**[Objective:** To introduce main trends within contemporary continental philosophy with special reference to some of the major thinkers]

#### **Credit I: Kant and German Idealism**

Kant as a common figure in analytical and continental Philosophy

Fichte and Shelling- appropriation of Kant

Hegel-*Phenomenology of Spirit*

Critique of modernity and enlightenment

#### **Credit II: Nihilism**

Historical development of nihilism

The Death of God

Existential nihilism

Critique of morality and constructive Ethics.

Anti-foundationalism

#### **Credit III : Post Modernism and Post Structuralism**

Jean Franscois Lyotard-Report on knowledge, rehabilitating the sublime

Jean Baudrillard-simulation and simulacra

Michel Foucault (later writings)- Anti-theory & death of man, knowledge is power,

Jacques Derrida -Critique of the metaphysics of presence; differance, deconstruction

#### **Credit IV: Psychoanalysis**

Sigmund Freud and psychoanalysis

Eric Fromm-Cultural psychoanalysis.

Lacan The Mirror Stage as formative of the function of the 'I'

Zizek Slavoj and psychoanalysis.

### **Books for Study**

1. O'Conner Brian and Mohr George *German Idealism, An Anthology and Guide*. Edinburg University Press, 2006.
2. William R. Schroeder, *Continental Philosophy A Critical Approach*, Blackwell Publishing, 2005.
3. Jean Francois Lyotard, *The postmodern Condition :A Report on Knowledge*. Manchester University Press.
4. Simon Critchley, *Continental Philosophy: A Very Short Introduction*. Oxford: Oxford University Press, 2001.
5. Andrew Cutrofello, *Continental Philosophy: A Contemporary Introduction*. New York, Routledge, 2005.
6. Derrida, Jacques, *Writing and Difference*, Alan Bass (trans.), Chicago: University of Chicago Press, 1978.
7. Foucault, M. 1965, *Madness and Civilization: A History of Insanity in the Age of Reason*, Richard Howard (trans.), New York: Random House.
8. David West, *Continental Philosophy: An Introduction*, Polity 2010
9. Brian Leiter, Michael Rosen (eds.), *The Oxford Handbook of Continental Philosophy*
10. Lyotard, J.-F., 1984, *The Postmodern Condition: A Report on Knowledge*, Geoff Bennington and Brian Massumi (trans.), Minneapolis: University of Minnesota Press. 1988, *The Differend: Phrases in Dispute*, Georges Van Den Abbeele (trans.) Minneapolis: University of Minnesota Press.
11. Norris Christopher : *The Deconstructive Turn : essays in the rhetoric of philosophy*, Methuen, London, 1983.
12. Kearney R. and Rainwater M : *The Continental Philosophy Reader*, Routledge, London 1996.
13. Erich Fromm, *The Revision of Psychoanalysis*, 1992:13–14
14. S. Freud (1900), *The Interpretation of Dreams*, IV and V (2nd ed.), Hogarth Press, 1955.
15. Lacan, Jacques, *The Function and Field of Speech and Language in Psychoanalysis*. Trans. Bruce Fink. New York – London: W.W. Norton, 2006.
16. John Protevi, *The Edinburg Dictionary of Continental Philosophy*, Edinburg University Press, 2005.

### **Books for References**

1. Brenner, Charles (1954). *An Elementary Textbook of Psychoanalysis*.
2. Dermot Moran (Ed.) Kelsey Wood, *Zizek: A Reader's Guide*, Wiley-Blackwell, 2012.
3. Sean Sheehan, *Žižek: A Guide for the Perplexed*, London, Continuum, 2012.
4. Žižek, Slavoj. *The essential Žižek*. Verso. 2009.
5. Douglas Kellner, *Jean Baudrillard: From Marxism to Postmodernism and Beyond*.
6. Cambridge and Palo Alto: Polity Press and Stanford University Press, 1989.
7. Jean Baudrillard, *Simulacra and Simulation*, 1981.
8. Richard Kearney, *Dialogues with Contemporary Continental Philosophers: The*
9. *Phenomenological Heritage (Paul Ricœur, Emmanuel Levinas, Herbert Marcuse*
10. *Stanislas Breton, Jacques Derrida)*. Manchester, UK and New York, NY: Manchester University Press, 1984.
11. Nietzsche, Friedrich, 1967a, *The Birth of Tragedy and The Case of Wagner*, Walter Kaufmann (trans.), New York: Random House., 1983, *Untimely Meditations*, R.J. Hollingdale (trans.), Cambridge: Cambridge University Press.
12. Norris Christopher, *The Deconstructive Turn :Essays in Rhetoric of Philosophy*, Methuem, London, 1983
13. John McCumber, *Time and Philosophy: A History of Continental Thought*

### **PH-310 PHILOSOPHY OF MIND**

**[Objective:** This course will acquaint the students with the history, development and present day debates in issues arising out of study of mind]

#### **Credit I**

1. Introduction: Psychology and Philosophy of Mind
2. Cartesian dualism of mind and body; The doctrine of interactionism
3. Inadequacy of Cartesian dualism, Ryle's Critique

#### **Credit II**

1. Statement of Solipsism and problems arising out of the solipsist position
2. Ryle and Wittgenstein on solipsism
3. Gilbert Ryle's behaviourism, critique of behaviourism.

#### **Credit III**

1. Analogical argument as criticism of solipsism

2. Argument from analogy; Wittgenstein's criticism of analogical argument
3. Private language argument and privacy of sensations; Wittgensteinian critique of private language

#### **Credit IV**

1. Strawson's concept of person;
2. Personal identity-Anscombe
3. Identity theory

#### **Books for Study**

1. V.C. Chappell ed. *The Philosophy of Mind*. Englewood Cliffs: Prentice-Hall, Inc, 1962.
2. Anscombe, 'Personal Identity' in Paul Edwards Encyclopedia of Philosophy
3. Popper Karl and Eccles, *Brain and Itself*, Springer Berlin Heidelberg 1977.

### **PH-311 PHILOSOPHY OF ENVIRONMENT**

**[Objective -To acquaint the students with major issues in Environmental Philosophy and to expose them to the relation between theory and practice through key environmental issues.]**

#### **Credit I**

- a. Nature, Scope and necessity of environmental ethics.
- b. Religious foundations of environmental concerns
- c. Reverence for Life- Albert Schweitzer

#### **Credit II : Environmental Issues:**

- a. Cowboy Ethics
- b. Space ship Ethics
- c. Poverty and Life Boat Ethics

#### **Credit III**

- a. Sustainable Development
- b. Sustainable Economics
- c. Population Bomb
- d. Genetically modified foods Ethical considerations

#### **Credit IV**



- a. Land Ethic of Aldo Leopold
- b. Restoration
- c. Faking Nature – Metaphysical issues
- d. Eco-feminism

### **Books for study**

1. Clare Palmer, *Environmental Ethics*, Santa Barbara, California, 1997.
2. Holmes Rolston III, *Environmental Ethics*, Temple University Press, Philadelphia 1988.
3. Robert Elliot, *Environmental Ethics*, Oxford University Press 1995.
4. Callicott, J. Baird & Clare Palmer *Environmental Philosophy: Critical Concepts in the Environment*, (in four volumes), Routledge, London and New York, 2005.
5. Vandana Shiva and Maria Mies, *Ecofeminism* London: Zed Books, 1993.
6. Louis Pojman and Paul Pojman, *Environmental Ethics: Readings in Theory and Application*, Wadsworth Pub Co., Belmont, CA, 2007.

### **Books for References**

1. Smart, Ninian & Shivesh Thakur *Ethical & Political Dilemmas of Modern India*, St. Martin's Press, New York, 1993.
2. Gadgil Madhav & Ramchandra Guha, *Ecology and Equity*, Penguin Books, London, 1995.
3. Shiva, Vandana & Ingunn Moser (ed.) *Biopolitics: A Feminist and Ecological Reader on Biotechnology*, Zed Books, London, 1995.

## **PH – 312 BIOETHICS**

**[Objectives :** To acquaint the student with major issues and perspectives in Bio-ethics. To examine the philosophical issues arising out of advances in medical practice.]

### **Credit I**

Nature and scope of Bioethics, Bioethics as a discipline-Daniel Callahan  
Principles of Biomedical ethics. Autonomy, Beneficence.  
Non-maleficence, Justice.

### **Credit II**

Sanctity of Life, unsanctifying human life, respect for person, slippery slope argument.  
Abortion - rights of the fetus, rights of the mother, rights of the father.

### **Credit III**

To Save or Let Die : The Dilemma of Modern Medicine- Richard A. McCormick

Euthanasia - types of euthanasia, rights of the patient, euthanasia and justice.  
Mediation ethics

### **Credit IV**

Genetic engineering ,genetic screening, prenatal diagnosis, assisted Reproduction, feminist ethics and in vitro fertilization-Susan Sherwin  
Gene Therapy. stem cell research, cloning, organ donation.

### **Books for Study**

1. Steven Luper, Curtis Brown, *Moral Life*, Harcourt Brace College Publishers, 1999.
2. David Lamb, *Down the Slippery Slope*, Arguing in Applied Ethics, Croom Helm, 1988.
3. Stephen Holland, *Bioethics : A Philosophical Introduction*, Polity Press, 2003.
4. Tom L. Beauchamp, LeRoy Walters, *Contemporary Issues in Bioethics*, Wadsworth, Belmont California, 1989.
5. Peter Singer, *Practical Ethics* , Cambridge University Press, 1999.
6. Peter Singer (Ed.), *Applied Ethics*, Oxford University Press, 1988.
7. Jecker Nancy S., Jonsen Albert R., Pearlman Robert A., *Bioethics- An Introduction to the History, Methods, and Practice*, Jones and Bartlett Publishers, 2010.
8. Ellen Waldman, *Mediation Ethics: Cases and Commentaries*, Wiley, 2011.

### **Books for References**

1. Ruth Chadwick, ed. *Encyclopedia of Applied Ethics*, Academic Press, London, 1998.
2. Ghosh S.K., (ed.), *Encyclopaedic Dictionary of Bioethics*, Global Vision Publishing House, 2003.
3. Arthur John (ed.), *Morality and Moral Controversies*, Prentice Hall, 1999

## **PH 313 : FEMINIST PHILOSOPHY (WESTERN)**

[Objective : To introduce the feminist perspective with reference to main thinkers and areas of Western philosophy]

### **Credit I : Background**

- a) Nature and genesis of feminist philosophy.
  - i) First feminist movement
  - ii) Second feminist movement.
- b) Major concepts in feminism: misogyny, patriarchy, gender, androgyny, gynocentrism.

### **Credit II: Theories in Feminism**

- a) Liberal Feminism: Mary Wollstonecraft, Mill.
- b) Radical Feminism: Shulamith Firestone, Andrea Dworkin.
- c) Existential Feminism: Simone de Beauvoir.
- d) Traditional Marxian Feminism: Engels Kollontai.

### **Credit III: Feminist Epistemology**

- a) Feminist critique of philosophy of science, objectivity, value neutrality
- b) Standpoint epistemology
- c) Feminist empiricism
- d) Marxian feminist epistemology

### **Credit IV: Feminist Ethics**

- a) A critique of traditional ethics: Aristotle, Kant.
- b) Distinction between feminine ethics and feminist ethics: R. Tong.
- c) Care ethics– Gilligan.
- d) Critique of care ethics – Annette Baier.

### **Books for Study**

1. Nye Andrea, *Feminism and Modern thinkers*, Routledge, London 2004.
2. Linda Alcoff and Elizabeth Potter (eds.), *Feminist Epistemology*, Routledge, London 1993.
3. Fricker Miranda and Hornsby Jennifer, *The Cambridge Companion to Feminism in philosophy*, Cambridge, 2004.
4. Genevieve Lloyd , *Feminism and History of Philosophy*, Oxford University Press, Oxford, 2002.
5. Tong Rosemarie, *Feminist Thought: A Comprehensive Introduction*, Boulder, CO. Westview Press, 1989.
6. De Beauvoir Simon, *The Second Sex*, Harmondsworth, Penguin, 1972.
7. Gatens Moira, *Feminism and Philosophy: Perspectives on Difference and Equality*, Polity Press, Cambridge, 1991.
8. Alison M. Jaggar, *Feminist Politics and Human nature*, Rowman & Allanheld, The Harvester Predication, Sussex, 1983.

### **Books for References**

1. Waithe, Mary Ellen( ed.) *A History of Woman Philosophers* Vol. 1-3, Kluwer Academic Publishing, 1987 – 1991.

2. Tuana, Nancy, *Woman and the History of Philosophy*, Paragon Press, New York, 1992.
3. Schott Robin May (ed.), *Feminist Interpretations of Jacques Derrida*, The Pennsylvania University State Press, 1997.

## **PH-314 MODAL LOGIC**

### **Credit I**

Historical background of modalities and Modal Logic;  
Notion of Modalities according to Aristotle.  
Modal propositional Logic.

### **Credit II**

The Modal Systems: T, S4 and S5;

### **Credit III**

Validity in: T, S4 and S5  
Kripke's Model structure and Hintikka's Modal Sets

### **Credit IV**

Entailment and Strict Implication;  
Paradox of Material Implication and Strict Implication

### **Books for Study**

- 1) Hughes, G.E. and Cresswell, M.J., *An Introduction to Modal Logic*, Methuen & Co. Ltd., London, 1974.
- 2) Lewis, C.I., *Survey of Symbolic Logic*, University of California, Berkeley, 1918.
- 3) Von Wright, G.H., *An Essay on Modal Logic*, North Holland Publishing Co., Amsterdam, 1951.
- 4) Hintikka, J., *Time & Necessity*, Oxford, 1973.
- 5) Kripke S.A., *Naming and Necessity*, Basil & Blackwell, Oxford, 1980.
- 6) Carnap, *Meaning and Necessity*, University of Chicago, 1947.

## SEMESTER IV

### PH – 401 INDIAN PHILOSOPHIES OF LIFE

**[Objective:** To acquaint the student with the normative framework of values as accepted in ancient Indian traditions both heterodox and orthodox]

#### Credit I

- Indian Philosophies of Life: Nature and significance.
- Preyas, Śreyas and Niḥśreyas.*
- The concept of *Puruṣārtha* : *Kama-Artha*-centric, *Trivarga*-centric and *Mokṣa*-centric.

#### Credit II

- The conceptions of *Rta-R̥ṇa*. The conceptions of *Dharma*: *Vedic* and *Śrāmanic*.
- Kinds of *Dharma* according to *Vedic* tradition: *Sādhāraṇadharmā* and *Viśeṣadharmā* (*Varṇāśramadharmā*).
- Jainism : *Vratas*, *Śrāvākācāra* and *Śramāṇācāra*.
- Buddhist : *Śīla*.

#### Credit III

- The doctrines of *Karma* and Rebirth; The conceptions of *Bandha* (bondage) and *Mokṣa* (liberation).
- Analysis of suffering according to *Sāṃkhya* and Buddhism.
- Various conceptions of *Mokṣa*: *Nirvāṇa*, *Kaivalya*, *Brahmābhāva*, *Jivanmukti*, *Videhamukti*.

#### Credit IV Ways of Good Life

- Patanjali : *Aṣṭanga-Yoga*.
- Jainism : *Triratna*.
- Buddhism : *Ārya-Aṣṭāṅgika-Mārga*.

#### Books for Study

- Prasad Rajendra, *Karma, Causation and Retributive Morality, Conceptual Essays in Ethics and Metaethics*, ICPR, New Delhi, 1989.
- Hiriyanna M. , *The Quest After Perfection*, Kavyalaya Publishers, Mysore, 1982.
- Ranade, R.D. , *Pathway to God-realisation*.
- Radhakrishnan, *Hindu View of Life*, George Allen and Unwin, Bombay, 1971.
- Maitra, S. K., *The Ethics of the Hindus*, University of Calcutta, 1956.

6. Bhelke S. E. and Gokhale P. P. (eds.), *Indian Moral Philosophy: Problems, Concepts and Perspectives*, IPQ Publication, Pune , 2002.
7. Tiwari, Kedarnath, *Classical Indian Ethical Thought*, Motilal Banarsidass, Delhi, 1998.
8. Barlingay, S. S., *A Modern Introduction to Indian Ethics*, Penman Publications, Delhi 1998.

### Books for References

1. Kane, P.V., *History of Dharmasastra*, Vol. I and II, BORI, Pune, 1968.
2. *Purusartha* (anthology), Datta-Laxmi Trust, Pune, 1995.
3. Bhargava Dayananda, *Jaina Ethics*, Motilal Banarsidass, 1968.
4. Jaini, Padmanabha S., *Jaina Path of Purification*, Motilal Banarsidass, Delhi,
5. Saddhatissa H., *Buddhist Ethics*, Allen and Unwin, 1970.
6. Nanamoli, Bhikkhu (Tr.) *The Path of Purification ( Visuddhimagga)* by Bhadantacariya Buddhaghosa, Fourth Edition, Buddhist Publication

### PH-402: MODERN INDIAN THINKERS

[**Objective:** To acquaint students with the major issues, thoughts and activities of some of the modern Indian thinkers. To introduce the philosophical thinking and activity in the 19th and 20<sup>th</sup> century India]

#### Credit I

- a) Historical genesis of modern India
- b) Europeans and orientalist, colonialism
- c) Awakening, revival, reformation
- d) Renaissance, enlightenment, modernization

#### Credit II

- a) Rammohan Roy: reformation; views on religion, education and women
- b) Dayananda: revivalism; views on religion and *varṇa*, education and women
- c) Vivekananda: universal religion, practical *vedānta*
- d) Aurobindo : religion, spirituality and Indian polity

#### Credit III

- a) Jyotiba Phule: views on caste system and the status of women; *sārvajanika satyadharma*
- b) M. G. Ranade: Liberalism, Interpretation of *Bhāgwatdharma*

- c) Agarkar: influence of Spenser and Mill, rationalism, critique of religious and social practices
- d) K. C. Bhattacharya: concept of philosophy, *swarāja* in ideas

#### **Credit IV**

- a) M. N. Roy: critique of Marxism, Radical humanism
- b) M. K. Gandhi: *Satyāgraha*, *Sarvodaya*, critique of modernity
- c) Ambedkar: annihilation of caste, principles of social democracy
- d) Jawaharlal Nenru: contribution to modern India – science and industrialization, education, culture, international relations, *Pancaśīla*

#### **Books for Study**

1. Mahadevan T.M.P., & Saroja C.V., *Contemporary Indian Philosophy*, Madras, 1985.
2. Lal Basant Kumar, *Contemporary Indian Philosophy*, Delhi, 1999.
3. Naravane V.S., *Modern Indian Thought*, Bombay, 1964.
4. Ray Benay Gopal, *Contemporary Indian Philosophy*, Allahabad, 1957.

#### **Books for References**

1. Vivekanand Swami, *Practical Vedanta*, Advaita Ashram, Calcutta, 1964.
2. *Selections from the Complete works of Swami Vivekananda*, Advaita Ashrama, Mayavati, Himalayas, 1998.

### **PH – 403: YOGA**

**[Objectives:** To acquaint students with basic issues, concepts and doctrines in Yoga system with reference to the original texts and to give an idea of the application of the philosophy of yoga to human life.]

#### **Credit I**

Introduction to *Samkhya* as a background, Relation between *Samkhya* and *Yoga*, The problem of *Citta*, *Cittavṛttis*, *Cittavṛttinirodha*, *Cittabhumi*, Patanjali's concept of *Yoga*, Yoga epistemology, *Abhyāsa* and *Vairāgya*

#### **Credit II**

Nature and status of *Īśvara*. Nature and types of *Samādhi*, *Kriyayoga*, *Kleśa*

#### **Credit III**

The four-fold framework (*Heya-Heyahetu; Hāna-Hānopāya*), The eight fold path. *Samyama, Siddhis, Kaivalya*.

#### **Credit IV**

Introduction to some other types of *Yoga: Hathayoga, Jaina-yoga, Buddhist Yoga, Yoga* and modern psychology. *Yoga as therapy*.

#### **Books for Study**

1. Prasad Ram, *Patanjali Yoga Sutra with the Commentary of Vacaspati Mishra*, Chaukhamba, Varanasi, 1980.
2. Yardi M.R., *Yogasutra fo Patanjali*, Bhandarkar Oriental Research Institute, Pune, 1979.
3. Taimini, I.K., *Glimpses into the Psychology of Yoga*, The Theosophical Society Publishing House, Madras, 1973.

#### **Books for References**

1. Taimini, I.K., *The Science of Yoga*, The Theosophical Society Publishing House, Madras, 1971.
2. Dasgupta, S.N., *Yoga as Philosophy and Religion*, Regan Paul, Trench, Trubner and Co., London, 1971.
3. *Yoga: Its Philosophy and Science*, Dattalakshmi Trust, Pune, 1995.
4. Kuvalayanand and Vinekar, S.L., *Yoga Therapy*, Central Health Education Bureau, Govt. of India, New Delhi, 1970.

### **PH 404: NĀGĀRJUNA**

[**Objectives:** (a) To acquaint the student with some important aspects of Nāgārjuna's philosophy especially as reflected in his four works: *Madhyamaka-śāstra*, *Śūnyatā-Saptati* and *Vigraha-vyāvartanī* (b) To acquaint the student with some major philosophical issues and debates concerning Nāgārjuna's philosophy]

#### **Credit I:**

- (a) Background of Nāgārjuna's philosophy: Early Buddhist (*Tripitakas*) and *Mahāyāna* Buddhist thoughts.
- (b) Modes of Interpretations of Nāgārjuna's Philosophy: *Mādhyamika* and *Śūnyavādin*.
- (c) The doctrine of *Paramārtha-sat* and *Loksaṃvṛtti-sat*; *Upeya* and *Upāya*.



## Credit II:

- (a) *Pratyayas-parīkṣā, Gatāgata-gamyamāna-parīkṣā.*
- (b) *Āyatana-parīkṣā, Skandha-parīkṣā, Dhātu-parīkṣā.*
- (c) *Karma-kāraka-parīkṣā, Svabhāva-parīkṣā, Gatāgata-parīkṣā.*

## Credit III:

- (a) Critical approach to prevalent conceptions of *Pramāṇas* and *Prāmāṇya*.
- (b) Nāgārjuna's methods: *Prasajya-pratiṣedha* and *Paryudāsa*
- (c) *Prāsaṅgika* and *Svātāntrika*: two interpretations of Nāgārjuna

## Credit IV

- (a) *Ārya-satya-parīkṣa.*
- (b) *Nirvāṇa-parīkṣā.*
- (c) *Drṣṭi-parīkṣā.*

## Books for Study

1. Vaidya P.L. (ed.), *Madhyamaka-śāstra of Nāgārjuna*, The Mithila Institute, Darbhanga, 1960.
2. Pandeya, Raghunath (ed.), *Madhyamaka-śāstra of Nāgārjuna (with Akutobhayā, Madhyamakāvṛttī by Buddhapālita, Prajñāpradīpa-vṛttī by Bhāvaviveka and Prasannapadā by Candrakīrti)*, Motilal Banarsidass, Delhi, 1988.
3. Pandeya, R.C. and Manju (ed. & tr.), *Nāgārjuna's Philosophy of No-identity (A translation of Madhyamaka-śāstra, Vīgrahavyāvartanī and Śūnyatā-saptati)*, Eastern Book Linkers, Delhi, 1991.
4. Chr. Lindtner, *Nāgārjuniana: Studies in the Writings and Philosophy of Nāgārjuna*, Motilal Banarsidass, Delhi, (Indian Edition), 1987.
5. *Śūnyatā-saptati, Nāgārjuna*, Central Institute of Higher Tibetan Studies, Sarnath
6. Vaidalya-Prakarana of Nagarjuna, Tola and Dargonetti (tr. & ed.), Motilal Banarsidass, Delhi, (Indian Edition), 2002.
7. Murti, T.R.V., *The Central Philosophy of Buddhism*, Harper Collins, New Delhi, 1998.
8. Murti, T.R.V., *Mādhyamika Dialectics and the Philosophy of Nāgārjuna*, Central Institute of Higher Tibetan Studies, Varanasi, 1977.
9. Matilal B.K., *Epistemology, Logic and Grammar in Indian Philosophical Analysis*, Mouton, The Hague, 1971.
10. Matilal, B.K. and Evans, Robert D. (ed.); *Buddhist Logic and Epistemology*; D. Seyfort Rugg; "Does the *Mādhyamika* Have a Thesis and Philosophical Position?" D. Reidel Publishing Company, Holland; 1986.
11. Galloway, Brian, "Some Logical Issues in *Mādhyamika* Thought", *Journal of Indian Philosophy*, Vol. 17, No. 1, 1989.

12. Hayes, Richard P., “Nāgārjuna’s Appeal”; *Journal of Indian Philosophy*, Vol. 22. No. 4; Dec. 1994.
13. Kalupahana D.J. (ed. & tr.) *Nāgārjuna: The Philosophy of the Middle-way*, State University of New York Press, Albany, USA, 1986

### Books for References

1. Inada, K.K. (ed & tr), *Nāgārjuna: A Translation of his Mulamadhyamaka kārikā with an Introductory Essay*, The Hokuseido Press, Tokyo, 1970.
2. Robinson, Richard H., *Early Mādhyamika in India and China*, The University of Wisconsin Press, Mactison, 1967.
3. Bhattacharya, Kamleswar (ed. & tr.), *The Dialectic Method of Nāgārjuna with Translation of Vighraha-vyāvartani*, Motilal Banarsidass, Delhi, 1978.
4. Tuck, Andrew P., *Comparative Philosophy and the Philosophy of Scholarship: On the Western Interpretations of Nāgārjuna*, Motilal Banarsidass, Delhi, 1996.
5. Santina Peter Della, *Mādhyamika Schools in India*, Motilal Banarsidass, Delhi, 1986.
6. Padhye, A.M., *The Framework of Nāgārjuna’s Philosophy*, Indian Book Centre, Delhi, 1986.
7. Ramanan, Venkat, *Nāgārjuna’s Philosophy*, Bharatiya Vidya Prakasana, Varanasi, 1971.
9. Fatone, Vincete, *The Philosophy of Nāgārjuna*, Motilal Banarsidass, Delhi, 1981.

## PH – 405: JAINA LOGIC AND EPISTEMOLOGY

[**Objective:** To acquaint the students with the contribution of Jainism to Indian Logic and Epistemology.]

### Credit I

- a) School of Jainism: *Āgama* and *Tarka*;
- b) *Āgama* school: The classification of *Samyag-jñāna*: *Matī*, *Śruta*, *Avadhī*, *Manahparyāya* and *Kevala*.
- c) The nature and kinds of *Mati-jñāna*.

### Credit II

- a) *Tarka* school: The definitions of *Pramāṇa*: Siddhasena, Vādideva and Hemacandra. *Pramāṇa*, *Pramāṇa-phala*, *Prāmāṇyavāda*: Jaina criticism of *Nyāya*.
- b) The classification of *Pramāṇas* into *Pratyakṣa* and *Parokṣa*.
- c) *Pratyakṣa*: its nature and kinds: *Samvyavahārika* and *Pāramārthika*

### Credit III

- a) *Pramāṇas: Smṛti, Pratyabhijñā and Tarka.*
- b) The nature and structure of *Anumāna*: The *Lakṣaṇa* of *Hetu*, The nature of *Pakṣa* and *Sādhya*.
- c) The nature and types of *Vyāpti*: *Antaravyāpti, Bahirvyāpti*, The criticism of *Trairūpya*.

### Credit IV

- a) The nature of *Parārthānumāna*: *Daśāvayavas*; Nature and role of *Drṣṭānta*, The types of *Hetu-prayoga*; *Hetvābhāsas*.
- b) *Āgama Pramāṇa*; *Syādvāda, Nayavāda*; *Nayābhāsas*.
- c) The nature of *Prameya*; *Anekāntavāda*

### Books for Study

1. Vālideva Suri; *Pramāṇa-naya-tattvalokāraṅkāra*, Dr. Hari Satya Bhattacharya, Jain Sahitya Vikas Mandal, Bombay, 1967.
2. Sanghavi, Sukhalalaji, *Advanced Studies in Indian Logic and Metaphysics*, (Reprint) Indian Studies: Past and Present, Calcutta, 1961.
3. Siddhasena Divakara, *Nyayavatara*
4. Shastri, Indra Chandra, *Jaina Epistemology*, P.V. Research Institute, Varanasi, 1970.
5. Shah, Nagin J. (ed.), *Jaina Theory of Multiple Facets of Reality and Truth*
6. (*Anekantavada*), Bhogilal Leherchand Institute of Indology, Motilal Banarsidass, Delhi, 2000.

### Books for References

1. Bhattacharya Hari Mohan, *Jaina Logic and Epistemology*, K.B. Bagchi and Company, Calcutta, 1994.
2. Marathe, M.P., Kelkar, M.A. and Gokhale P.P. (eds.), *Studies in Jainism*, IPQ Publication, Pune, 1984.
3. Malvania, Dalsukhbhai, *Agamayuga kā Jaina Darsana*, Sanmati Jnanapeeth, Agra, 1966.
4. Gokhale P.P.; “The Jaina doctrine of *Nayābhāsa*”; (Article) *Sambhāsā*; University of Nagoya; Japan; Vol. 11; 1989.

**PH - 406 LATER WITTGENSTEIN**

**[Objectives:** To acquaint students with major aspects of Wittgenstein's philosophy with special reference to following texts : 1) *Philosophical Investigations* 2) *Lectures and Conversations on Aesthetics, Psychology and Religious Belief* 3) *Culture and Values* 4) *ON Certainty*

### **Credit I**

Concept of language, use theory of meaning, language games and function of rules, language games as forms of life; family resemblance.

### **Credit II**

Private language argument; sensation as private, expression of one's sensation in terms of language; criticism on incommunicability of sensations of pain.

### **Credit III**

- a) critique of essentialism
- b) nature and origin of philosophical problems
- c) philosophy as therapy
- d) Response to scepticism

### **Credit IV**

- a) religion
- b) aesthetics
- c) ethics
- d) culture

### **Books for Study**

1. Wittgenstein, Ludwig : *Philosophical Investigations* (Part 1) tr. by G.E.M. Anscombe, Oxford, Basil Blackwell, 1967.
2. Barrett, Cyril (Ed.) : *Lectures and Conversations on Aesthetics, Psychology and Religious Belief*, Lectures on aesthetics – I. Lectures on religious belief I & II.

3. Conversations on Freud, Basil Blackwell, Oxford, 1966.
4. Wittgenstein, Ludwig : *Culture and Value* G.H. Van Wright (ed) Translated by Peter Winch, Basil Blackwell (Oxford 1980)
5. Wittgenstein, Ludwig: The Blue and the Brown Books
6. Wittgenstein, Ludwig: On Certainty

### **Books for References**

1. Irving Block (edited) : *Perspective on the philosophy of Wittgenstein*, Basil Blackwell,1981.
2. Merrill, B. Hintikka and Jaakko Hintikka : *Investigating Wittgenstein*, Basil Blackwell, 1986.
3. P.M.S. Hacker : *Insight and Illusion* (Second Edition). Themes in the philosophy of Wittgenstein, Clarendon Press, Oxford 1986.
4. W. Donald Hudson : *Wittgenstein and Religious Belief* , The Mac Millan Press Ltd., London, 1975.
5. Robert Fogelin : *Wittgenstein*, Routledge and Kegan Paul, London and New York, 1987.
6. Anthony Kenny : *Wittgenstein Reader* Basil Blackwell, 1995.
7. Sluga Hans, Stern, David G. : *The Cambridge Companion to Wittgenstein*, Cambridge University Press, 1995.
8. George Pitcher (ed. ) *Wittgenstein The Philosophical Investigations: A Collection of Critical Essays*, New York: Anchor Books, Doubleday Inc
9. Hanfling, Oswald, *Wittgenstein: The Later Philosophy*
10. Kenny, Anthony. *Wittgenstein* London: The Penguin Press1973.
11. Weitz, Morris. 2004 "The Role of Theory in Aesthetics" In *Aesthetics and the Philosophy of Art: The Analytic Tradition*, Ed Peter Lamarque and Stein Haugom Olsen.

### **PH 407: AMBEDKAR**

[**Objective** : To acquaint the student with social and religious philosophy of Dr. B.R. Ambedkar.]

#### **Credit I :**

- (a) Ambedkar's analysis of caste system. The ways of abolishing caste.

- (b) Controversy between Ambedkar and Gandhi on Varna and Jati.
- (c) Concept of Ideal Society. The notion of ideal social order in the context of Liberty, Equality and Fraternity.

### **Credit II**

- (a) Philosophy of religion; The idea of ideal religion; Religion, Dhamma and Morality.
- (b) Critique of Hinduism.
- (c) Ambedkar's understanding of Buddhism- interpretation of four noble truth, ahimsā, role of Bhikkhu in the society

### **Credit III**

- (a) Concept of Democracy.
- (b) Concept of social justice.
- (c) Philosophical background of constitution of India.

### **Credit IV**

- (a) Gandhi Ambedkar controversy on i.) Varna and Jati. ii.) Special constituencies for reserve categories.
- (b) Karl Marx and Ambedkar.
- (c) Ambedkar and John Dewey.

### **Books for Study**

1. Ambedkar, B.R., *Annihilation of Caste*, Bheem Patrika Publication, Jullundur , 1975.
2. Ambedkar B.R. *The Buddha and his Dhamma*, Siddharth Prakashan, Bombay 1974.
3. Ahir D.C., *Dr. Ambedkar on Buddhism*, Siddharth Publication, Bombay 1982.
4. Gokhale, Pradeep (Ed.) *The Philosophy of Dr. B.R. Ambedkar*, Sugava Prakashan IPQ Publication, Pune 2008.
5. Jaffrelot, Christopher, *Dr. Ambedkar and Untouchability : Analyzing and Fighting caste*, Permanent Black, Delhi, 2005.
6. *Dr. Babasahed Ambedkar Writings and Speeches* , Education Deptt. Govt. Of Maharashtra Bombay, Vol. III, 1987.
7. Keer D.; *Dr. Ambedkar-Life and Mission*, Popular Prakashan, Bombay,1962.

### **Books for References**

1. *Dr. Babasahed Ambedkar Writings and Speeches*, Education Department, Govt. of Maharashtra, Bombay 1979-92 (Relevant sections only.)

2. Jondhale, Surendra and Beltz, Johannes (ed.) : *Reconstructing the world : B.R. Ambedkar and Buddhism in India*, Oxford University Press, New Delhi, 2004.
3. Kasbe, Raosaheb, *Ambedkar Ani Marx*, Sugava Prakashan, Pune, 1985. Omvedt, Gail: *Buddhism in India: Challenging Brahmanism and Caste*, Sage Publications, New Delhi, 2003.
4. Pawar Daya, Meshram Keshav and Others (ed.) *Dr. Babasahed Ambedkar Gaurata Grantha*, Maharashtra Rajya Sahitya Ani Samskriti Mandal, Mumbai

### **PH – 408 : Philosophy of Religion**

**[Objectives :** To acquaint the students with various issues which arise regarding the nature and structure of religion, religious beliefs and its postulates.]

#### **Credit I**

- a) Religion and Philosophy of Religion, Religion as a social institution
- b) Inter-relationship between faith, belief & reason
- c) Religious Experience : its nature, structure and dynamics
- d) Religion and Morality

#### **Credit II**

- a) Arguments for Existence of God : Ontological, Cosmological, Moral, Teleological with reference to St. Anselm, St. Aquinas, Descartes, Kant
- b) Arguments for Existence of God : Nyāya, Jaina, Cārvāka
- c) Problem of Evil and Grace

#### **Credit III**

Critique of Religion: Nietzsche, Freud and Marx

#### **Credit IV**

Critical thinking on major issues by Vivekanand, Jyotiba Phule, B.R. Ambedkar

#### **Books for Study**

- 1) Hick John, *Philosophy of Religion*, Prentice Hall, 1963.
- 2) Cahn S.M. and Shatz David ed., *Contemporary Philosophy of Religion*, Oxford University Press. 1982.
- 3) Rolston Holmes III, *Science and Religion A Critical Survey*, Harcourt Brace Custom Publishers.1997
- 4) Freud S., *Future of an Illusion*, tr by W.D. Robson-Scott, Hoqarth Press Ltd. London, 1949.

- 5) Ambedkar B.R. *The Buddha and his Dhamma*, Siddharth Prakashan, Bombay 1974.
- 6) Complete works of Fredrich Neitzsche, George Allen and Unwin Ltd., London, 1980.
- 7) Keer Dhananjay, Mahatma Jyotiba Phule, Popular Prakashan, Mumbai, 1968.
- 8) *Selections from the Complete works of Swami Vivekananda*, Advaita Ashrama, Mayavati, Himalayas, 1998.

### **Books for References**

- 1) Paul Edwards, *Encyclopedia of Philosophy*, Macmillan and Co, The Free Press, New York, 1967.
- 2) James William, *Varieties of Religious Experience :A Study in Human Nature*, Longmans Green, London 1928.
- 3) Hubert John Richards, *The Philosophy of Religion*, Heinemann Publication 1998.
- 4) Wainwright William ed., *The Oxford handbook of Philosophy of Religion*, Oxford University Press, 2005.
- 5) Matilal, B. K., *Logical and Ethical Issues in Religious Belief*, Oxford University Press, 1982.

## **PH-409 : PHILOSOPHY OF NATURAL SCIENCE (ADVANCED)**

**[Objective:** To acquaint the students with methodological issues and current debates in philosophy of science]

### **Credit I: Problem of Demarcation**

Positivism- Carnap's Principle of verifiability and confirmation (with its modification)  
 Karl Popper- problem of demarcation and falsification, verisimilitude (with critique of modifications in verification)

### **Credit II: Methods**

Explanation in science- Hempel's two models.  
 Laws in science- Fred Dretske, David Armstrong, Nagel.  
 Feature of scientific theory, laws.



Scientific experiment

### **Credit III: Critical Views**

Problem of scientific rationality, Lakatos on scientific research,  
Feyerabend's view on science from *Anti Method*  
Science is socially constructed-Bruno Latour  
Science and value judgment-Hempel and Richard Rudner

### **Credit IV: Philosophy of specific science**

AI and Philosophy of science  
Philosophy of Quantum Mechanics  
Philosophy of Biology.

### **Books for Study**

1. Hempel, C.G., *Aspects of Scientific Explanation*, Free Press, New York, 1968.
2. Nagel, Ernst, *The Structure of Science: Problems in Logic of Scientific Explanation*, RKP, London, 1961.
3. Popper, Karl, *The Logic of Scientific Discovery*, Harper Torch Books, New York, 1968.
4. Kuhn, Thomas, *The Structure of Scientific Revolutions*, Chicago University Press. 2012.
5. Lakatos, Imre and Musgrave Alen (Ed.), *Criticism and Growth of Knowledge*, Cambridge University Press, London, 1970.
6. Kosso, P., *Appearance and Reality: An Introduction to the Philosophy of Physics*, Oxford University Press, Oxford, 1998.
7. Whitakar A., *Einstein, Bohr and the Quantum Dilemma: From Quantum Theory to Quantum Information*. (2nd ed.), Cambridge University Press, Cambridge, 2006.
8. Braithwaite, R., *Scientific Explanation*, Cambridge University Press, Cambridge, 1953.
9. Carroll, J.W., *Laws of Nature*, Cambridge University Press, Cambridge, 1994.
10. Goodman, N., *Fact, Fiction and Forecast*, Athlone, London, 1954.
11. Hempel, C., *Philosophy of Natural Science*, Prentice Hall, Englewood Cliffs, NJ, 1966.
12. Nagel, E., *Structure of Science*, Routledge & Kegan Paul, London, 1961.
13. Feyerabend, P., *Against Method*, NLB, London, 1975.
14. M. Curd and J.A. Cover, eds., *Philosophy of Science: The Central Issues* W.W. Norton, New York, 1998.

### **Books for References**

1. Nidditch P.H., (ed.), *Philosophy of Science*, Oxford University Press, Oxford, 1968
2. Feyerabend, P., 'Explanation, Reduction and Empiricism', in his *Realism, Rationalism, and Scientific Method, Philosophical Papers*, Vol. 1, Cambridge University Press, 1981.
3. Duhem, P. *The Aim and Structure of Physical Theory*, Princeton University Press, 1954.
4. Frederick Suppe, Selections from *The Structure of Scientific Theories*. University of Illinois Press; 2nd edition, 1977.
5. Balashov, Yuri, and Alex Rosenberg, *Philosophy of Science: Contemporary Readings*. Routledge, London and New York, 2002.
6. Machamer, Peter, and Michael Silberstein, *The Blackwell Guide to The Philosophy of Science*, Blackwell, Oxford, 2002.
7. Radnitzsky, Gerand and Anderson Gunnar, *The Structure and Development of Science*, D. Reidel Publishing Company, Boston, 1979.
8. Laudan, Larry, *Progress and its Problems: Towards a Theory of Scientific Growth*, RKP, London, 1977.
9. O'Neill W. N., *Fact and Theory*, Sydney University Press, 1969.
10. Deshpande, S. S., Gokhale, P. P., More, S. S. (Eds.) *Vijnanace Tattvajnana*
11. Albert, D., *Quantum Mechanics and Experience*, Harvard University Press, Cambridge, 1993.

### **PH- 410 : APPLIED ETHICS**

[**Objective** – To understand the interdependence of theory and practice.]

#### **Credit I Nature and Scope**

Nature and scope of Applied Ethics.

Interrelation between ethics and applied ethics.

Human Values-Integrity, civic virtue, caring, sharing, empathy, spirituality and character.

Social Ethics-Justice and equality, discrimination and reverse discrimination.

Affirmative action as equalizing opportunity.

Privacy and civil society.

#### **Credit II Interpersonal Relationships**

Friendship and duty-Hugh LaFollette.

Human bonds, Parental rights, Rights of Children.

Duties towards aged parents.

#### **Credit III Professional Ethics**

Business Ethics- Work Ethics

Corporate responsibility, Whistle blowing.  
Ethics and education, intellectual and academic Freedom.  
Media Ethics.

#### **Credit IV Global and Local Issues**

Obligation Towards Needy

World hunger and poverty:-famine, affluence and morality; Lifeboat Ethics-Garrett Hardin

Ethics and genetic engineering.

#### **Books for Study**

1. Frey R G., Wellman C. H. (Ed.), *A Companion to Applied Ethics*, Blackwell Publishing.
2. Steven Luper, Curtis Brown, *The Moral Life*, Second Edition, Harcourt Brace College Publishers, 1992.
3. LaFollette Hugh (ed.), *Ethics in Practice An Anthology*, Blackwell Publishing, 2003.
4. Schmitz David, Willott Elizabeth, *Environmental Ethics What Really Matters, What Really Works*, Oxford University Press, 2002.

#### **Books for References**

1. Chahal S.K., *Environment and the Moral Life: Towards a New Paradigm*, Ashish Publishers, 1994
2. Goldin Owen and Kilroe Patricia, (eds.), *Human Life and the Natural World, Readings in the History of Western Philosophy*, Broadview Press, Canada, 1997.

### **PH- 411 PHILOSOPHICAL PROBLEMS IN HEALTH CARE**

[**Objective** : To introduce the student to the philosophical issues concerning health care and health care policies]

#### **Credit I Nature and Scope of Healthcare**

Various concepts of health, illness and disease and their inter-relationship.

WHO definition of health. Engelhardt's concept of disease, phenomenological concept of disease

Christopher Boorse's distinction between disease and illness.

Concept of mental illness – Thomas Szasz, Ruth Macklin, Wakefield's combined approach.

## **Credit II Context of Health Care**

Concept of health care in illness, feminist approach to health care, limits of health care, rationing in health care, cost/benefit analyses.

Justice and health care

a ) Ethical reflections on health care expenditure

b) Ethical reflections on resource allocation – (macro-allocation and micro-allocation)

## **Credit III**

Concept of person, moral status of embryo and gametes-storage and surrogacy – Michael Lockwood, Robert M Veatch

Four principles of bioethics

Bioethics and human rights in the Global Era – Paul Farmer and Nicole Gastineau Campos

## **Credit IV Social Iatrogenesis**

Ageism and age discrimination, older people and long term care – issue of access – medicalisation of life, dependence on care, dependence on drugs.

Medicalisation as a by-product of an over – industrialized society

## **Books for Study**

1. Greaves David, Upton Hugh (ed.), *Philosophical Problems in Health Care*, Avebury. 1997.

2. Matthews E, Menlowe Michael (ed.), *Philosophy and Health Care*, Avebury, 1992.
3. Beauchamp T.L. and Walters Le Roy, *Contemporary Issues in Bioethics*, Third Edition, Wadsworth, 1989.
4. Nancy S. Jecker, Albert R. Jonsen, Robert A. Pearlman, *Bioethics - An Introduction to the History, Methods and Practice*
5. Illich Ivan, *Medical Nemesis, The Expropriation of Health*, Rupa and Co, 1975.
6. K.W.M.(Bill) Fulford, Donna L. Dickenson, and Thomas H. Murray ed., *Healthcare Ethics and Human Values*, Blackwell publishers, 2002.

### **Books for References**

1. Foucault M, *The Birth of the Clinic*, Tavistock, London, 1973.
2. King L., *What is Disease? In Philosophy of Science*, Vol. 21, 1954.
3. Ladd J., *The Concepts of Health and Disease and Their Ethical Implications*, in Edwards R.B. and Graber G.C. (eds.), *Bio-ethics*, Harcourt Brace Jovanovich, San Diego 1988.
4. Gilbert Scott, Anna Tyler, Emily Zackin, *Bioethics and the New Embryology*, Sinauer Associates Incorporated, 2010.
5. La Follette ed *Ethics in Practice: An anthology*, H. Publisher, Oxford, Blackwell, 2002.
6. Holland, *Bioethics*, Polity Press, 2003.
7. RG Frey and Christopher (Ed.), *A Companion to Applied Ethics*. Oxford, Blackwell, 2008.

## **PH - 412 : FEMINIST PHILOSOPHY (INDIAN )**

[ **Objective** – To introduce the feminist perspective for understanding Indian Tradition and Philosophical thoughts. To discuss the issue of reconstructing Indian society with reference to Gender and its relation with sex, class and caste.]

### **Credit I Background**

Origin and nature of Indian Feminist thought

1. The idea of Feminism in India, Defining Feminism
2. Distinction from Western Feminism

3. Ambivalence towards the word 'Feminism'. Possibilities of indigenous Feminism

### **Credit II Notion of Femininity**

A) Status of women in Indian tradition :

- 1) Dharmśāstra tradition
- 2) Non Vedic tradition – Cārvāka, Jainism, Buddhism, Shaktism

B) Problems of women in India and responses

- 1) Feminism and Nationalism, The British policy towards women's status in India
- 2) Responses of Indian social reformers : Lokhitvadi, Jyotiba Phule, Justice Ranade, Agarkar, Bal Gangadhar Tilak, Tarabai Shinde, Savitribai Phule, Pandia Ramabai, Ramabai Ranade

### **Credit III Gender discrimination**

A) Relation between patriarchy and class, caste and religion in India

B) Various aspects of gender discrimination : as it is manifest in areas of health, nutrition and work related to women

### **Credit IV Methodological aspects of gender differentials**

A) Using indices and measures of gender discrimination

B) Gender bias versus gender inequality. An update of 'Missing women' –Amartya Sen

C) Women and Ecology

### **Books for Study**

1. Bagchi, Jasodhara, Indian Women: Myth and Reality, Sangam Books, Hyderabad, 1995.
2. Kelkar, Meena and Gangavane, Deepti (Ed) Feminism in Search of an Identity: The Indian Context, Rawat Publications, New Delhi and Jaipur, 2003.
3. A.S.L Altekar; The position of women in Hindu civilization, Motilal Banarasidass, Delhi, 1956.
4. Chakravarthi, Uma "What Happened to the Vedic Dasi? Orientalism, Nationalism, and a Script for the past" in Kumkum Sangari and Sudesh Vaid (ed.), In Recasting Women, New Delhi, Kali, 1989.
5. Roy, Kumkum (Ed.) Women in Early Indian Societies New Delhi, Manohar, 2001.
6. K.Sangari and S.Vaid (eds.) Recasting Women : Essays in Colonial History, Kali for women, New Delhi, 1989.

7. Uma Chakorawarti, Gendering Caste, Thorough a Feminist Lens, Theristng feminism series editor, Calcutta, 2003.
8. Sen Amartya, Argumentative of India, Penguin Books Ltd., 2005.

### **Books for References**

1. Chattopadhyaya, Lokayata, Peoples Publishing House, New Delhi, 1957.
2. Gross, Rita; Buddhism After Patriarchy. A Feminist History, Analysis and Reconstruction of Buddhism, State University of New York press, Albany 1993.
3. Jaini, P., Gender and Salvation, Jaina Debates on the spiritual Liberation of women. University of California, Berkeley, 1991.
4. Heimasth, Charles; Indian Nationalism and Hindu Social reform, Princetone University Press, Princeton, New Jersey 1964.

## **PH – 413 CONSCIOUSNESS STUDIES**

**[Objective:** This course will acquaint the students with the history, development and present day debates in consciousness studies]

### **Credit I**

Consciousness - The concept of consciousness. Explaining consciousness - Subjectivity and Objectivity.

### **Credit II**

Philosophy of artificial intelligence, strong and weak artificial intelligence, The Chinese Room Argument (Searle).

### **Credit III**

Issues in Cognitive Science-

- a. Reason and Rationality, Pessimistic Interpretation of Rationality, Standard Picture of Rationality.
- b. Embodiment-Progressive Embodiment, presence on virtual environment, cyborg's dilemma, media and embodiment.

### **Credit IV**

- a. Physicalism,
- b. Consciousness and its place in nature. The Knowledge argument
- c. Supervenience-Kim and Searle debate

### **Books for Study**

1. Stillings Neil et al., *Cognitive Science : An Introduction*. MIT Press MA 1987.
2. Roger Penrose, *Shadows of the Mind*, Oxford University Press, 1994.
3. David Chalmers, *The Conscious Mind*, Oxford University Press, 1996.
4. Paul M. Churchland : *Matter and Consciousness, A Contemporary Introduction to Philosophy of Mind*, Cambridge, Mass : MIT Press, 1998.
5. D.C.Dennet, *Consciousness Explained*, Penguin, London, 1991.
6. Jaegwon Kim, *Mind in the Physical World*, The MIT Press, Massachusetts, 2000.

### **Books for References**

1. Online papers on *Consciousness: freewill* [www.u.arizona.edu/~chalmers/online2.html#freewill](http://www.u.arizona.edu/~chalmers/online2.html#freewill)
2. DavidJ.Chalmers.[www.u.arizona.edu/~chalmers/papers/nature.html](http://www.u.arizona.edu/~chalmers/papers/nature.html)
3. Kim, Jaegwon , “Supervenience and Nomological Incommensurables,” *American Philosophical Quarterly* 15, 1975.
4. Kim, Jaegwon ,“Concept of Supervenience” in *Supervenience*, J Kim (ed.), Dartmouth Publishing Company, England, 2002.
5. Kim, Jaegwon, “The Non-Reductionist’s Troubles with Mental Causation” in *Mental Causation*, John Heil and Alfred Mele (ed.), Clarendon Press, Oxford, 1993.
6. Searle, John R., *The Rediscovery of the Mind*, The MIT Press, Cambridge, Mass, 1992.
7. Kim, Jaegwon, “Concept of Supervenience” in *Supervenience*, J Kim (ed.), Dartmouth Publishing Company, England, 2002.

## **PH- 414 : MANY-VALUED LOGIC**

**[Objective** : To acquaint student with philosophical issues of deviant logic and to introduce the systems of many-valued logic]

### **Credit I**

Standard and non-standard Logic.  
Extended Logic and Deviant Logic

### **Credit II**

Many-valued systems: Symbolism, notation and Terminology.  
The three-valued system of Lucasiwicz, Bochvar and Kleene.



**Credit III**

The techniques of many-valued generalizations of two-valued Logic.  
The extension of  $n$  to  $n+1$  valued systems.

**Credit IV**

Structural features of many-valued Logic. Tautologousness and designated truth-values.  
Containment relationship in many-valued logics.  
Law of non-contradiction and Law of Excluded Middle in many-valued Logic

**Books for Study**

1. Haak, Susan, *Deviant Logic*, Cambridge, 1974.
2. Haak, Susan, *Philosophy of Logic*, Cambridge, 1978.
3. Rescher, N. *Many-valued Logic*, McGraw Hill, New York, 1969.
4. Rosser, J.B. & Turquette A.R, *Many-valued Logics*, North Holland, 1952.