

SYLLABUS FOR III SEMESTER
MC PL 3809 PHILOSOPHY OF SCIENCE

Objectives

- a) To understand the nature, method and procedures of science and evaluate its significance so that the students gain a comprehensive understanding of scientific knowledge, including its strengths and limitations.
- b) To understand the physical world (its origin, nature, deeper structure and possible end) in the light of the recent scientific insights and develop a credible view of the physical world.

Course Contents

I. Clarification of Relevant Terms and Examination of Different Views on the Nature of Science

- a. Meaning of the terms science, Philosophy of Science, Cosmology and their relationships.
- b. Views on the nature of science; Logical Positivist View - The Historical View of Science.

II. The Goal and Procedure of Science

- a. The goal of science: Explanation and prediction through formulation of laws and theories. The concepts of Scientific explanation, Prediction, Scientific laws and Theories.
- b. The procedure of science: Observation, Description, Explication, Reduction, Formulation of laws and theories, Experimental confirmation.

III. The Method of Science

- a. Views on the method of science: Aritotle, Francis Bacon, John Herschel, Descartes, J.S. Mill, H.D. Hempel, Karl Popper, Imre Lakatos, Bayes and Feyerabend.
- b. The philosophical problem of the inductive method; Nelson Goodman's New Riddle of Induction.
- c. Classical attempts to solve the problem: Appeal to the success of induction and the uniformity of nature; Solutions proposed by Kant, P. Caws, W.D.

Theobald, Harre & Madden, *Realists of Aristotelian – Thomistic tradition*, C.G. Hempel, Karl Popper and Bayes

IV. Conceptual Issues Associated with the World of Science

- a. Understanding spacio-temporal magnitude; Concepts of space, time, motion, place; special extension and temporal duration and their measurement in philosophy and in modern science.
- b. Causality, Determinism and Indeterminism in philosophy, classical physics, and quantum physics; Attempt to create a unified picture of the world combining classical physics with quantum physics.

V. The World Revealed by Science and Philosophy

- a. Science and philosophy on the origin and the end of the universe; various world models
- b. Different views on the ontological status of theoretical objects – Positivism, Realism, Qualified realism
- c. The constitution of material reality: Reductionist view, Hylemorphism
- d. The characteristics of the world (the complexity, immensity and finiteness) and the philosophical question: Can the world be self-explanatory?

Books for Study

1. Fetzer, James H., *Philosophy of Science*, New York: Paragon House, 1993
2. Hempel, C.G., *Philosophy of Natural Sciences*, New Jersey, Prentice Hall, 1966.
3. Kuhn, Thomas, *The Structure of Scientific Revolution*, Chicago, 1962.
4. Perumalil Augustine, *Critical Issues in the Philosophy of Science and Religion*, ISPCK, Delhi: 2006

Books for Reference

1. Blackwell, R.J. *Discovery in the Physical Science*, London: University of Notre Dama Press, 1966.
2. Caws, P. *The Philosophy of Science*, New Jersey: D. Van Nostrand, 1966.
3. Coleman, James A. *Modern Theories of the Universe*, Signet
4. Harre, R. and E.H. Madden, *Causal Powers*, Oxford: Basil Blackwell, 1975
5. Harre, R., *An Introduction to the Logic of Sciences*, London: Macmillan, 1960.

6. Klee, Robert, *Scientific Inquiry: Readings in the Philosophy of Science*, New York: OUP, 1999
7. Kulkarni, S.G., "Methods of Science" *Research Methodology in Social Sciences*, Eds. S. Satynarayan et al. Mumbai: Himalaya Publishing, 1998: 10-43.
8. O'Hear, Anthony, *An Introduction to the Philosophy of Science*, New York, OUP, 1989.
9. Popper, Karl, *The Logic of Scientific Discovery*, Harper Torch Books, 1965.
10. Popper, Karl: *Conjectures and Refutations: The Growth of Scientific Knowledge*, Harper Torch Books, 1968.
11. Rabbitte, E., *Cosmology for All*. Cork, Ireland. The Mercier Press, 1956.
12. Randall, John H., *Aristotle*. New York: Colombia, 1960
13. Salmon Wesley C., *The Foundations of Scientific Inference*, Pittsburg: University of Pittsburg Press, 1975.
14. Salmon, Merrilee, et.al *Introduction to the Philosophy of Science*, Prentice Hall, New Jersey, 1992
15. Science Library Book, New York, The New American Library, 1963

MC PL 3810 CONTEMPORARY INDIAN CHRISTIAN THOUGHT

Objectives

- a. To introduce the students to the way faith and reason are interrelated.
- b. To give a chance to the students to look into what some leading Indian Christians think about the fundamental themes, like God, world and humans.
- c. To help the students acquaint themselves with the need for ecumenical movements, inculturation, and inter-religious dialogues in India where pluralism of all kinds is the fact of life.

Course Contents

- I. Introduction: Indian Christian Thought, Fabric of the Indian Society, Kinds of Pluralism, Inculturation, Intrareligious and Interreligious Dialogues.
- II. M.M. Thomas: Christ and the Indian Renaissance, Secular Ideologies and the Secular Meaning of Christ, Salvation and Humanization, Concept of Mission.

- III. Brahmabandhav Upadhyay: Resume of Life and Thought, Constructing a Hindu 'Platform' of Belief and Practice, National Greatness, India's Downfall, The One-centeredness of Hindu Race, Christianity in India.
- IV. Raimundo Panikkar: Intrareligious Dialogue, Philosophy of Pluralism, Cosmo - Theandric Vision.
- V. Textual Studies (1) **M. M. Thomas:** *Salvation and Humanization*
 (2) **Brahmabandhav Upadhyay:**
- From: *The Writings of Brahmabandhav Upadhyay,*
Vol. 1
- a. Introduction: Brahmabandhav Upadhyay (1861 - 1907):
 A Resume of his Life and Thought, pp. Xiv - Xlvi.
- From: *The Writings of Brahmabandhav Upadhyay,*
Vol. 2
- a. National Greatness, pp. 60 - 70.
 b. India's Downfall, pp. 141 - 153.
 c. The One-Centeredness of Hindu Race, pp. 114 - 126.
 d. Christianity in India, pp. 237 - 247.
- (3) Raimundo Panikkar:** *The Intrareligious Dialogue*

Reading Materials

Primary Sources

1. M.M. Thomas
 - (1) *The Christian Response to the Asian Revolution* (1966)
 - (2) *The Acknowledged Christ of the Indian Renaissance* (1970)
 - (3) *Salvation and Humanization* (1971)
 - (4) *The Secular Ideologies of India and the Secular Meaning of Christ* (1976)

- (5) *Risking Christ for Christ's Sake: Towards an Ecumenical Theology of Pluralism* (1987)
- (6) *A Diaconal Approach to Indian Ecclesiology* (1995)

2. Brahmabandhav Upadhyay

Primary Sources

Gispert-Sauch, George and Lipner, Julius, eds. *The Writings of Brahmabandhab*

Upadhyay. Vols. 1 & 2. Bangalore: The United Theological College, 1991 & 2002.

Secondary Sources

Amaladass, Anand, ed. *Indian Christian Thinkers*. Vol. 1. Chennai: Satya Nilayam Publications, 2005, pp. 259 - 265.

Brahmachari, Animananda. *The Blade: Life and Work of Brahmabandhav Upadhyay*. Calcutta, 1946.

Lipner, Julius J. *The Life and Thought of a Revolutionary*. New Delhi: Oxford University Press, 1999.

Tennent, Timothy C. *Building Christianity on Indian Foundation: The Legacy of Bramabandhav Upadhyay*. New Delhi: ISPCK, 2000.

Journals

Gispert-Sauch, George. "The Sanskrit Hymns of Brahmabandhav Upadhyay." *Religion and Society* 19, no. 4 (1972): 60 - 79.

Fonseca, C. "A Prophet Disowned: Swami Upadhyay Brahmabandhav." *Vidyajyoti: Journal of Theological Reflection* XLIV, no. 4 (1980): 177 - 194.

Lipner, Julius J. "Brahmabandhav Upadhyay (1861 - 1907) and his Significance for our Times." *Vidyajyoti: Journal of Theological Reflection* 71, no. 3 (2007):165 - 184.

Pulikkan, Jiby. "Brahmabandhav Upadhyay: An Indian Christian for All Times and Seasons." *Vidyajyoti: Journal of Theological Reflection* 71, no. 10 (2007): 777 - 789.

3. Raimundo Panikkar

Primary Sources

- (1) *The Intrareligious Dialogue* (1978)

- (2) *Myth, Faith and Hermeneutics: Cross-cultural Studies* (1979)
- (3) *The Cosmotheandric Experience: Emerging Religious Consciousness* (1993)

Secondary Sources

Sunand Sumithra, *Revolution as Revelation* (1984)

Michael Amaladass, *Faith, Culture and Inter-religious Dialogue* (1985)

-----, *Becoming Indian: The Process of Inculturation* (1992)

-----, *Beyond Inculturation: Can the Many Be One?* (1998)

Felix Wilfred, *From the Dusty Soil: Contextual Reinterpretation of Christianity* (1995)

----, *Beyond Settled Foundations: The Journey of Indian Theology* (1993)

Julian Saldanha, *Inculturation* (Bombay: St. Paul Publication, 1997)

MC PL 3811 MORAL PHILOSOPHY

Objectives

- a. To clarify the basic concepts and problems of moral philosophy.
- b. To enable the students to apply the basic concepts and problems in their analyses of the present day moral issues.

Course Contents

I. **Introduction:** Definition; ethics and other branches of study; scope and method;

importance and its actuality. Moral experience, consciousness and knowledge; Human

action and responsibility; Philosophy of values; moral values and its characteristics;

The nature of moral obligation; Foundation of the moral order.

II. Moral norms and theories

- (a) Teleological theories: Epicurus, Thomas Hobbes, Aristotle, Jeremy Bentham and John Stuart Mill. Deontological theories: William of Ockham, Emile Durkheim, Thomas Aquinas and Kant. Axiological theories. Right Reason as the norm: Conscience as a guide to moral life -

- Conscience and conflict situations. Natural Moral Law and Eternal law.
History and Content of Natural Law.
- (b) Objective Norm of morality – application to an action. Nature and specification of Moral law. The ‘constant’ and the ‘variable’ in morality. Law and freedom. Existentialism of Kierkegaard and Sartre – Situation Ethics.
- III. **Indian perspective and background:** (a) *Adivasi culture*; (b) *Values: Purusarthas*; (c) *Dharma – duty, Sadharana dharma and Svadharma*; (d) *Karma and Human freedom*; (e) *Nishkamakarma, Cosmic welfare (lokasangraha)*
- IV. (a) Human sexuality and Bioethics – Moral dimension of sexuality, love, and marriage. Abortion and Feticide. Reproductive Technology: invitro fertilization, surrogacy and adoption; Anomalous forms of procreation – genetic engineering. Organ donation, Euthanasia;
- (b) Business Ethics: Philosophical background, key concepts – responsibility, corruption – case studies.
- V. (a) Metaethics – an introduction
- (b) Textual study (any two)
- i. Ryle, Gilbert, “Pleasure” in Joel Feinberg, ed. *Moral Concepts*, pp.19-28
- ii. Garnett, Campbell, “Conscience and Consciousness,” *Ibid.* pp.80-92.
- iii. Searle, John R., “How to Derive ‘Ought’ from ‘Is’”, in Philippa Foot, ed., *Theories of Ethics*, pp.101-114.

Suggested Readings

Lille, N., *Ethics: An Introduction to Theories and Problems*

Sahakian, W.S., *An Introduction to Ethics*

Sharma, R.N., *Introduction to Ethics*

Fagothey, A., *Right and Reason*

De Finance, J., *An Ethical Inquiry.*

Frankena, W.K., *Thinking About Morality*.

Bourke, V.J., *History of Ethics*.

Denise, T.C. ed., *Great Traditions in Ethics*.

Barcalow, E., *Moral Philosophy: Theories and Issues*

Aristotle, *Nichomachean Ethics*.

Kant, I., *Foundation of the Metaphysics of Morals*.

Kant, I., tr. H.J. Paton, *Groundwork of the Metaphysics of Moral*

Hiriyanna, *Indian Conception of Values*.

Radhakrishnan, *Hindu View of Life*.

Sharma, I.C., *Ethical Philosophies of India*

Tiwari, K.N. *Classical Indian Ethical Thought*.

Organ, T.W., *The Hindu Quest for the Perfection of Man*.

Walters, B., *Contemporary Issues in Bioethics, 5th ed.*

De George, R.T., *Business Ethics*

Mathias, T.A. *Corporate Ethics*.

Feinberg, J.,ed *Moral Concepts*

Foot, P., ed., *Theories of Ethics*

Peggy Morgan (-ed),*Ethical Issues in Six Religious Traditions IInd edition year 2007*.

Timothy O'Leary, *Foucault & the Art of Ethics year 2002*.

James R. Otteson, *Actual Ethics year 2006*.

William M. Sullivan (ed), *The Globalization of Ethics Year 2007*.

Jesper Ryberg ed., *New waves in applied ethics year 2007*.

Richard W. Miller, *Globalizing Justics year 2010*.

Lawrance M. Hinman *Ethics: A Pluralistic Approach to Moral Theory 3rd edition*

Amartya Sen, *The Idea of Justice*, year 2003, 2009.

Guruchanran Das, *The difficulty of Being Good*, 2009.

ID PL 3877 HUMAN COMMUNICATION

Objectives

- a. To give the students a glimpse of what human communication is and the philosophy behind communication
- b. To make the student to reflect on different theories of communication as well as the philosophical foundation of theory
- c. To acquaint the students with a tool to understand the media scene of India and practically look at news and entertainment

Course Contents

- I. What is communication? - Why study communication? - The academic study of communication - Defining Communication - The process of inquiry in communication: A basic model of inquiry and types scholarships - Communication theory as a field: The rhetorical tradition, Semiotic tradition, the phenomenological tradition, socio-psychological tradition, socio-cultural tradition and critical tradition (the seven traditions) - Levels of communication - Basic elements of theory - Reflections
- II. Critical cultural theories: Marxist theory - Neo-Marxism-Marshall McLuhan: The medium is the message and message - Agenda Setting theory - Challenges from cognitive and biological science - Globalization and the media - Globalization problems and the role of media in globalization
- III. Symbolic Interactionism of George Herbert Mead - Coordinated management of meaning (CMM) - Expectancy violations theory - interpersonal deception theory - Application of theory and philosophical reflections

- IV. Constructivism – Social Penetration theory – Uncertainty reduction theory – Face negotiation theory – Rhetoric – Application of theory and philosophical reflections –
- V. Semiotics – Feminist theories – Technological Determinism – Cultural Studies – Application of theory and philosophical reflections–

Books for Study

1. Emory M Griffin. *A First look at communication theory*, Singapore: McGraw Hill, 2000.
2. Stephen W Littlejohn. *Theories of Human Communication*, New York: Thomson Wadsworth, 2000.
3. Stanley J. Baron & Dennis K. Davis. *Mass Communication Theory: Foundations, Ferment, and Future*. Thomson, New York: Wadsworth, 2nd edition, 2000.

Books for Reference

1. Soli Sorabjee J., *The Law of Press Censorship in India*, Tripathi.-1976.
2. Thomas Lyn., *Fans, Feminisms, and Quality media*, London: Routledge, 2002.
3. Larose Straubhaar, *Media Now: Communications Media in the Information Age*, London: Wadsworth, 6th Edition, 2000.
4. Riggins Stephen Harold, *Ethnic Minority Media*, Sage Publications, 1992.
5. Schwartz Tony, *Media the second God*, Anchor Press, 1983.
6. Toelken Barre, *Entertainment Industry Economics: A Guide for Financial Analysis*, New York: Utah State University.
7. Vogel, Harold L., *Entertainment Industry Economics: A Guide for Financial Analysis*
Cambridge: Cambridge University Press, 1986).
8. Matelski, *Soap Fans Pursuing Pleasure & Making meaning in everyday life*, Temple University Press, 1998.

9. John Fiske, *Television Culture*, Methuen, 1987.
10. Joseph A. DeVito, *Essentials of Human Communication*, Allyn & Bacon, 2002.
11. Smith Mary John, *Persuasion and Human action*, Wadsworth, 1982.
12. Paul Martin Lester, *Visual Communication Images with Messages*, Wadsworth, 2000.
13. Kathleen S., *Inter-Act: Interpersonal Communication Concepts, Skill & Contexts*, Wadsworth, 2000.
14. Julia T Wood, *Interpersonal Communication Everyday Encounters*, Wadsworth, 2001.
15. John Fiske, *Introduction to Communication Studies*, Routledge. Second Edition, 1982.
16. Micheal J Hyde, *Communication Philosophy and the Technology Age*, University of Alabama, 1982.
17. Frederick Williams, *Technology and Communication Behaviour*, Wadsworth, 1987.

SE PL 3951 INDIAN TRIBAL PHILOSOPHY

Objectives :

1. To understand the tribal way of being and becoming
2. To help the students unravel and appreciate the intricacies of the tribal
 - : way of concept formation
 - : system of knowledge and interpretation
 - : way of life, and
 - : relationship with the divine, the human, and the world.

I: A General survey and Characteristic Features of the Tribal People

1. Evolution of concepts: The tribe, the Adivasi, the Indigineous and the Autochthonous; the Scheduled Tribes (Constitution of India) from historical, political and social science perspectives.
2. Geographical and demographic distribution
3. Characteristic features of a tribe
4. Brief studies of some major tribes
5. The Tribal Worldview
 - a) Emic and Etic approaches
 - b) Description and understanding of the tribal world
 - c) Creation: Time-space unity-Harmony and balance - Interdependence of all forms of life- "Need, not greed"-
 - d) Clan - land - ritual continuum.

II : The Tribal Way of Life

Community-centered consciousness

Socializing institutions and process: Dhumkuria, Ghotul, Morung

Fellowship : Akhra

The tribal way of ethical living:

-Interpersonal relationship : Clan exogamy and tribe endogamy

-Social sanctions : Taboos and totems

-Sense of right and wrong, good and evil

-Infringement and process of restoration

III : Tribal Hermeneutics and Epistemology

The tribal people come to relate with and to know about nature, human beings, the universe, the Supreme Being, and certain mysteries and realities of life through the following aspects of life: Rites and rituals – Myths and tradition – Taboos – Rites of Passage - Omens – Language, proverbs , wisdoms literature and riddles – Emergence of link languages among tribes, i.e. Sadri, Nagamise.

IV : Phenomenology of Tribal Religion

Belief System : the Supreme Being; Communitarian and communion
Sense of the Sacred; unity of the sacred and the secular
Spirit world: benevolent and malevolent spirits; totems, myths, omens
Belonging to and growing in the tribe (community)

V: Tribal Issues and Challenges in the Contemporary Situation

Tribal people in transition: social, political, cultural

Tribal identity and globalization

Books for Study

Cassirer, Ernst. An Essay on Man : An introduction to a Philosophy of Culture. New Haven and London: Yale University Press, 1944.

Eliade, Mircea. The Myth of the Eternal Return, Or Cosmos and History, Princeton: Princeton University Press, 1991.

Elwin, Verrier. The Aborigines: Oxford Pamphlets on Indian Affairs, No.14. Humphrey Milford: Oxford University Press, 1943.

Exem, A. Van. The Religious System of the Munda Tribe . St. Augustine 1: Haus Volker and Kulturen, 1982.

Lakra, John. Tribal Culture: Selected Features. Gumla : St. Ignatius High 'School, 2007.

----- . Tribal Myths According to the Oraon Tradition.

Miri, Sujata. Rationality and Tribal Thought. Delhi: Mittal Publications, 2004.

Tirkey, Boniface. Oraon Symbols. Delhi: Vidyajyoti, 1980.

Books for Reference

Archer, W.G. *The Blue Grove: The Poetry of the Uraons*. London: George Allen & Unwin Ltd., 1940.

Chana, Subhadra M.,ed. *Tribal Cosmology, Myths and World Views*. New Delhi: Cosmo Publications, 2002.

Doongdoong, Antony, *The Kherias: Identity and Modernity*. Ranchi : Satya Bharati Publications, 2007.

Elwin, Verrier. *The Tribal World of Verrier Elwin: An Autobiography*. Delhi : Oxford University Press, 1992.

Foucault, Michel. *The Archaeology of Knowledge*. New York: Pantheon Books, 1972.

Geertz, Clifford. *The Interpretation of Cultures*. New York : Basic Books, Inc.,1973.

Guha, Ramachandra. *Savaging the Civilized: Verrier Elwin, His Tribals and India*. Oxford University Press, 2000.

Hoffman, John, *Encyclopedia Mundarica*, 13 Vols. Govt. Printing: Superintendent, 1950.

Patnaik, Nityanad. *Folklore of Tribal Communities: Oral Literature of the Santals, Kharias, Oraons and the Mundas of Orissa*. Delhi: Gyan Publishing House, 2002.

Rosner, Victor. *The Flying Horse of Dharmes*. Ranchi: Satya Bharati Publications,1982.

Roy, Sarat Chandra. *Oraon Religion and Customs*. Ranchi: Industry Press, 1928.

Sen, Padamja, ed. *Changing Tribal Life: A Socio-Philosophical Perspective*. New Delhi: Concept Publishing Company, 2003.

Sitakant, Mahapatra. *Unending Rhythms: Oral Poetry of the Indian Tribes*. Delhi : Inter-India Publications, 1992.

Turner, Victor, ed. Celebration: Studies in Festivity and Ritual. Washington, D.C: Smithsonian Institution Press, 1982.

Saivism in South India (SE PL 3950)

Objectives of the Course

- a. To introduce the students to the roots of Saivism in general.
- b. To acquaint the students with one of the living philosophies (Saiva Siddhanta) of South India
- c. To be familiar with the religio-philosophical texts proper.

Course Contents

1. Introduction
 - Tracing the origin of Saivism and emergence of Saiva Cult.
 - Capturing the historical roots of Kashmir Saivism, Tamil Saiva Siddhanta and Virasaivism of Karnataka.
2. The essentials of Saiva Siddhanta Metaphysics
 - The Pluralistic World-view. The three padartha-s of Saiva Siddhanta: Pati-Pasu-Pasa.
 - Conception of God as Siva and Sakti – Conception of Self as 'Sadasat'.
3. Knowing the basic text: *Sivajnanabhodham* by Meykandan
 - Introductory Verse / Respect to the Audience
4. Study of *Sivajnana Mapadiyam*, a commentary by Sivajnanamunivar.
 - Epistemology (Pramana-iyal) and Ontology (Laksana-iyal)
5. Concept of Bondage and Human Freedom according to *Mapadiyam*
 - Means of Attainment (Sadhana-iyal) and Blissful Enjoyment (Payan-iyal)

Books for Study

1. Ayyar, C.V. Narayana, *Origin and Early History of Saivism*. Madras University Historical Series, No: 6 Madras: University of Madras, 1939; reprint, ed. 1974.
2. Sivaraman, K., *Saivism in Philosophical Perspective*, Delhi: Motilal Banarsidass, 1973.
3. Vajravelu Mudaliyar, K., *Sivajnana Mapadiyam*, Madurai: Madurai Kamaraj University, 1985.
4. Krishnan, P. (Ed.), *Facets of Saiva Siddhanta*, Chennai: Dept. of Saiva Siddhanta, University of Madras, 2000.
5. Muthupackiam. J.X., *Mysticism and Metaphysics in Saiva Siddhanta*, New Delhi: Intercultural Publication, 2001.
6. Devasenapathy, V.A., *Of Human Bondage and Divine Grace*. Annamalainagar: Annamalai University, 1963.

Books for Reference

1. Devasenapathi, V.A., *Saiva Siddhanta as Expounded in the Sivajnanasiddhiyar and its Six Commentaries*, Madras: University of Madras, 1960, reprint ed., 1974.
2. Dhavamany, M. *Love of God According to Saiva Siddhanta: A Study in the Mysticism and Theology of Saivism*, Oxford: The Clarendon Press, 1971.
3. Krishnan, P., *Divine Grace and Human Freedom: Paul Tillich and Saiva Siddhanta*, Madras: University of Madras, 1993.
4. Soni, J., *Philosophical Anthropology in Saiva Siddhanta*, Delhi: Motilal Banarsidass, 1989.

SE PL 3952 AFRICAN PHILOSOPHY

Objectives

- a. To familiarize the students with the uniqueness of African Philosophy.
- b. To enable them to become critically aware of the contemporary African social and political philosophy.

Course Contents

I. Is there an African Philosophy? Culture and Philosophy; culture as lived and reflected; Hermeneutics as the mediator between culture and philosophy; ethnophilosophy; nationalist ideologies.

II. African philosophical traditions: Classical, medieval, and modern; Elements of African world-view.

III. Concept of time: ontological categories, potential and actual times, egocentric and commune-centric time, the environmental cycle, terrestrial-ecological time. The concept of person in African philosophy: The concept of soul and body, the concept of sunsum (spirit), the concept of destiny, death and immortality.

IV. Bantu philosophy: Bantu ontology, vital causality, the theory of *mntu*, Bantu ethics, criticism of Tempels' Bantu philosophy.

V. Contemporary African social and political philosophy: Frantz Fanon, Leopold Senghor: negritude, Kwame Nkrumah: consciencism, Julius Nyerere: Ujama.

Suggested readings:

1. Wright, Edward A. (Ed): African Philosophy
2. Hountontji, Paulin J: African Philosophy: Myth and Reality
3. Okere, Theophilus: African Philosophy

Books for Reference

4. Serequeberhan, Tsenay: The hermeneutics of African Philosophy
- 5 Tempels, Placide: Bantu Philosophy
5. Mbiti, John: African Religions and Philosophy
6. Emefie, Ikenga: God and Man in African Religion
7. Wiredu, Kwasi and Gyekye, Kwame: Person and Community
8. Dalfovo, A.T. The Foundations of Social Life
9. Fanon, Frantz: Black Skins, White Masks Wretched of the Earth

SE PL 3953 ECO-PHILOSOPHY

Objectives

1. To make the students aware of the current environmental crisis

2. To initiate a critical and philosophical reflection on ecological issues.

I. Basic Concepts in Ecology and Environmental Science

- a. Ecology, environment, nature
- b. Ecosystem and types
- c. Food web, Food Chain and systems of interdependence
- d. Holistic character of ecology
- e. Earth and atmosphere

II. Manifestations of Environmental Crisis

- a. Climate change, global warming, greenhouse effect, ozone layer, etc
- b. Population and environment
- c. Issues in biodiversity
- d. Environmental pollution
- e. "Tragedy of the commons" (by Garret Hadin)
- f. Historical Perspective to environmental action

III. Significance of Ecology to Religion (Any two of the World Religions)

- a. Christianity and the environment – The Lynn White thesis and its critics
- b. Hinduism and the environment – Nature in Indian traditions
- c. Islam and the environment
- d. Buddhism and the environment

IV. Philosophical Perspectives to Ecology

- a. Human centeredness, bio-centeredness, intrinsic and instrumental value
- b. Deep ecology, Gaia hypothesis
- c. Ecofeminism
- d. The land Ethic of Aldo Leopold

V. Ecology versus Development

- a. Economic development vs. sustainable development
- b. Environmental movements in India
- c. Environmental Ethics and responsibility to:
(1) Natural World (2) Animal World (3) Future generations

Books for study

1. Miller, G. Tyler Jr. *Living in the Environment*, 11th Edition, New York: Brookes / Cole Publishing Co. 2000 (selections)
2. Zimmerman, Michael. *Environmental Ethics*, (2nd ed.) NJ: Prentice Hall, 1998.
3. Desjardin, Joseph R. *Environmental Ethics*, (2nd ed.) CA: Wadsworth, 1997.
4. Chapple, Christopher Key, ed. *Hinduism and Ecology*, New Delhi, OUP, 2000 (selections)
5. Kant, "Duties towards Animals" and Peter Singer, "All Animals are Equal" in Helga Kulse, ed. *Bioethics: An Anthology*, Oxford: Blackwell, 1999.

Books for Reference

1. Cunningham, P. William, *Environmental Science*, London: Sai Wood Publications, 1999.
2. Palmer, Clare, *Environmental Ethics*, California: ABC-CLIO, 1997
3. Ignacimuthu, S., *Environmental Awareness*, New Delhi: Phoenix Books, 1998.
4. Attfield, Robin, *Environmental Ethics*, New York: Polity Press, 2003.
5. Garret Hardin, "Tragedy of the commons" John S. Dryzek. Ed. *Debating the Earth*, Oxford: OUP, 1998
6. Khalid M. Fauzlun, ed., *Islam and Ecology*, London: Casell, 1992.
7. Batchelar, Martine, ed., *Buddhism and Ecology*, Delhi: Motilal, 1994.
8. Benson, John, *Environmental Ethics: An Introduction with Readings*, London : Routledge, 2000.
9. Wielnga, Bas, *Towards Eco-Justice*, Bangalore: CSA, 1999.
10. Dyson, Tim, Ed. *Twenty-first Century India: Population, Economy, Human Development, and the Environment*. New Delhi: OUP , 2004.