

TILAK MAHARASHTRA VIDYAPEETH, PUNE
M.A. (Philosophy)- Syllabus- First Year Second Semester

INDIAN METAPHYSICS- (PHC- 2001)

Course Outline

Part 1. Nastika(Heterodox) Systems

Unit 1: Carvaka: Perception as the only means of knowledge, critique of inference and verbal testimony, materialistic metaphysics, criticism of religion, hedonistic ethics.

Unit2: Jainism: Epistemology, pluralistic metaphysics(anekantavada), theory of karma, syadvada and its significance.

Unit3: Buddhism: Four noble truths, theory of dependant origination, four philosophical schools(vaibhasika, sautrantika, yogacara and madhyamika) and their contributions to epistemology and metaphysics.

Part 2. Astika Systems (nyaya, vaisesika, sankhya, yoga, mimamsa, Vedanta) will be studied under the following themes.

- Important authors and their works
- Epistemology
- Metaphysics
- Ethics

Bibliography

- Chatterji, S. and Dhirendramohan Datta.1968.*An Introduction to Indian Philosophy*. Calcutta: University Press.
- Dasgupta, S.1975.*History of Indian Philosophy*, 5 vols. Delhi: Motilal Banarsidass.
- Radhakrishnan, S.1977.*Indian Philosophy*, vols. I and II. New York: Allen and Unwin Ltd.
- Sharma, Chanradhr.1987. *A Critical Survey of Indian Philosophy*. Delhi: Motilal Banarsidass.

WESTERN METAPHYSICS- (PHC- 2002)

Course Outline

Part I: The Nature of Metaphysics

- Introductory notions
- Key terms and concepts

Unit 1: What is Metaphysics?

- Definition
- Terminology
- Names given

Unit 2: Being-The starting point of Metaphysics

- The Notion of being
- Essence-the Manner of being
- Existence-the Act of being

Unit 3: Principle of Non-Contradiction

- The First Principle of being
- Different ways of expressing the principle
- Inductive knowledge
- The Evidence
- The Role of the First Principle in Metaphysics

Part II: The Metaphysical Structure of Being

- Introductory notions
- definitions

Unit 1: Substance and Accidents

- The Nature of Substance and Accidents
- The Act of Being belongs to the Substance
- The Composite of Substance and Accidents
- Our Knowledge of Substance and accidents

Unit 2: Categories

- The Notion of Categories
- The Classification of Categories
- Quality
- Relation

Unit 3: The Act-Potency Structure of Being

- The Notion of Act and Potency
- Kinds of Act and Potency
- Relation between Act and Potency
- Potency and Possibility
- Metaphysical scope of Act and Potency

Unit 4: The Transcendentals

- Transcendental Unity
- Transcendental Truth
- Transcendental Goodness
- Transcendental Beauty
- Activity
- Duration

Part III: Causality

- Introductory notions
- Key terms and concepts

Unit 1: The Nature of Causality

- Knowledge of Causality
- The Experience of Causality
- Different Formulations of the Principle of Causality

Unit 2: Kinds of Causality

- Material Cause
- Formal Cause
- Efficient Cause
- Final Cause

Unit 3: The Connection between the Causes

- Final Cause as Causa Causarium
- Principle Finality

Bibliography

- Burkhardt, H. and B. Smith ed.1991. *Handbook of Metaphysics and Ontology*. Munich: Philosophia Verlag.
- Burt, E. A.1925. *Metaphysical Foundations of Modern Science: A Historical and Critical Essay*.Trench; London: Kegan Paul.
- Chethimattam, John.1967. *Consciousness and Reality: An Indian Approach to Reality*.Bangalore: Dharmaram College.
- Coreth, Emerich.1968. *Metaphysics*. Ed. Joseph Donceel. Herder and Herder.

- Elders, L.1961. *Aristotle's Theory of the One: A Commentary on the Book of Metaphysics*. Assen: Van Gorcum.
- Gilson, E., *Being and Some Philosophers*, trans. A. Maurer, 2nd ed., Pontifical Institute of Mediaeval Studies, Toronto, 1952.
- Husik, I.1912. *Matter and Form in Aristotle*. Berlin.
- Kavanaugh, J.F.1970. *Human Realisation*. Cleveland: Corpus Books.
- Kraus, E. M.1979. *The Metaphysics of Experience*. New York: Fordham University Press.
- Kretzmann, N.1999. *The Metaphysics of Creation*. Oxford: Clarendon Press.
- Lyttkens, Hampus.1952. *The Analogy between God and the World: An Investigation of Its Use by Thomas of Aquino*. Uppsala. Almqvist and Wiksells.
- Shine, Daniel.1966. *Interior Metaphysics*. Weston College, Massachusetts.
- Taylor, Richard. 1974. *Metaphysics*. New Jersey: Prentice-Hall.
- Wilhelmsen, F.D.1962. *The Metaphysics of Love*. New York: Sheed and Ward.

COSMOLOGY (INDIAN AND WESTERN)- (PHO- 2003)

Course Outline

Part I: Contemporary Cosmology

Unit 1: The Theory of Relativity

- Understanding relativity
- The two postulates of special relativity
- Main claims of special and general relativity
- Philosophical Implications

Unit 2: Quantum Theory

- Understanding quantum theory
- Theories of the ultimate building blocks of reality and dual nature of reality
- The Uncertainty Principle and its philosophical implications
- The Complementary Principle and its philosophical implications

Unit 3: The Finiteness of the Universe

- Finiteness in time
- Finiteness in space
- Philosophical implications of the scientific understanding of space and time

Unit 4: The Origin of the Universe

- Theories of the Origin of the Universe: the Big Bang and the Steady State
- Critical Appraisals of the theories
- Philosophical Implications of the theories

Unit 5: Teilhardian Synthesis

- The goal and method of Teilhard de Chardin
- Integration of science and religion, work and prayer
- Involvement in the world and detachment from the world

Unit 6: Indian Cosmology

- Origin of the Universe according to Indian world-view
- Significance of myths
- Purusha and Prakrti

Bibliography

- Barrow, John D. and Frank J. Tipler. 1988. *The Anthropic Cosmological Principle*. Oxford: Oxford University Press.
- Haught John F. 1984. *The Cosmic Adventure: Science, Religion and the Quest for Purpose*. New York: Paulist Press.

- Hawking, Stephen.1988. *A Brief History of Time: From Big Bang to Black Holes*. New York: Bantam Books.
- Laird, John.1969. *Theism and Cosmology*. New York: Books & Library.
- Leslie, J. 1989. *Universes*.London: Routledge.
- Panikkar, Raimon. 1998. *The Cosmotheandric Experience: Emerging Religious Consciousness*, Edited by Scott Eastham. Delhi” Motilal Banarsidass.
- Peach, J. V.1965. *Creation and Cosmology*.London: Burns & Oates.
- Chardin, Teilhard de. 1959. *The Phenomenon of Man*.New York: Harper & Row.

PHYSICS AND METAPHYSICS (PHO- 2001)

Course Outline

Unit 1: Physics and Metaphysics

- Understanding science (physics)
- Approaching religion (metaphysics)
- Dialogue as way of life

Unit 2: History of Dialogue between Physics and Metaphysics

- Historical overview
- Various models
- Contemporary concerns

Unit 3: Related Themes

- Theory of Relativity
- Quantum Mechanics
- Chaos Theory
- Evolution/ Creation
- Big Bang/ Origin of the World

Unit 4: Some Thinkers

- A John Polkinghorne
- Ian Barbour
- Job Kozhmthadam
- Robert J. Russell

Unit 5: Need for Relating Physics and Metaphysics

- Mutual critique
- Deeper and comprehensive knowledge
- Preservation of life
- Living together

D. Bibliography

- Artigas, Mariano. 2000. *The Mind of the Universe: Understanding Science and Religion*. Radnor, Penn: Templeton Foundation Press.
- Berry, R. J. 2011. *Ecology and the Environment: The Mechanisms, Marring, and Maintenance of Nature*, Templeton Science and Religion Series. West Conshohocken, PA: Templeton Press.
- Birch, Charles. 2008. *Science and Soul*. Templeton Foundation Press ed. Philadelphia, PA: Templeton Foundation Press.
- Kozhamthadam, Job, and Kuruvilla Pandikattu. 2006. *Together Towards Tomorrow: Interfacing Science and Religion in India:Essays in Honour of*

Professor Job Kozhamthadam SJ. Pune: Association of Science, Society and Religion.

- Leach, Javier. 2010. *Mathematics and Religion: Our Languages of Sign and Symbol.* West Conshohocken, Pa.: Templeton Press.
- Pandikattu, Kuruvilla. 2001. *Religious Dialogue as Hermeneutics: Bede Griffith's Advaitic Approach to Religions, Cultural Heritage and Contemporary Change Series IIIB, South Asia.* Washington, D.C.: Council for Research in Values and Philosophy.
- Pandikattu, Kuruvilla. 2008. *Dancing to Diversity: Science-Religion Dialogue in India.* New Delhi: Serials Publications.
- Pandikattu, Kuruvilla. *The Bliss of Being Human: Science and Religion for Self-realisation.*
- Polkinghorne, J. C., and Thomas Jay Oord. 2010. *The Polkinghorne Reader: Science, Faith and the Search for Meaning.* West Conshohocken, Pa.: SPCK/Templeton Press.
- Proctor, James D. 2009. *Envisioning Nature, Science, and Religion.* West Conshohocken, Penn.: Templeton Press.
- Rolston, Holmes. 2006. *Science and Religion: A Critical Survey.* Templeton Foundation Press ed. Philadelphia: Templeton Foundation Press.
- Templeton, John, and Charles L. Harper. 2005. *Spiritual Information: 100 Perspectives on Science and Religion: Essays in Honor of Sir John Templeton's 90-th Birthday.* Philadelphia: Templeton Foundation Press.
- Van Huyssteen, J. Wentzel, and Khalil Chamcham. 2012. *The Templeton Science and Religion Reader, Templeton Science and Religion Series.* West Conshohocken, PA.: Templeton Press.
- Ward, Keith. 2008. *The Big Questions in Science and Religion.* West Conshohocken, Pa.: Templeton Foundation Press.

Reason and World View – (PHO- 2005)

Unit 1 : Introductory Notions

- *The Big Questions
- *Ancient World-views
- *Classical World-views
- *Pre-renaissance world-view

Unit 2 : Reson and Nature

- *Appeal to nature – the reign of law
- *Order in nature – the rule of reason
- *The Darwinian World-view
- *Science and Human Nature

Unit 3 : The New World

- *The New Physics
- *Our dynamic universe
- *The Idea of Progress
- *The Idea of emergence
- *The influence of neuroscience

Unit 4 : The Emerging Future

- *Building a personal world-view
- *Philosophical Visions
- *New Religious Visions

Book for Reading

- Barnett, Lincoln. 1950. The Universe and Dr. Einstein. New York: The New American Library.
- Darwin, Charles. 1891. The Descent of Man. Vol. II, London: John Murray.
- Darwin, Charles. 1946. on the Origin of Species. Cambridge; MA: Harvard University Press.
- Davies, Paul. 1988. The Cosmic Blueprint. New York: Simon and Schuster Inc.
- Dewey, John. 1931. in Living Philosophies. New York: Simon and Schuster.
- Dobzhansky, Theodosius. 1962. Mankind Evolving. New Haven: Yale University Press.
- Durant, Will. 1953. "Education." The Pleasure of Philosophy. New York: Simon and Schuster.
- Edman, Irwin. 1931. In Living Philosophies. New York/Simon and Schuster 1937. Four Ways of Philosoph. New York.Henry Holt and Co.
- Einstein, Albert. 1931. In Living Phiilosophies. New York. Simon and Schuster.
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- LaPlace, Pierre. 1951[Original Publication-1819]. *A Philosophical Essay on Probabilities*. New York: Dover.
- Sagan, Carl. 1973. *The Cosmic Connection*. Doubleday Garden City; New York: Anchor Press.
- Schrodinger, Erwin. 1956. *What is Life?* Garden City; New York: Anchor Books Doubleday Co.
- Shapley, Harlow. 1963. *The View from a Distant Star*. New York: Dell Publishing.
- Spinoza, Benedict De. 1949. "On the Improvement of the Understanding." In *Ethics*. New York: Hafner Publishing Co.
- Van Baumer, Franklin Le, ed. 1978. *Main Currents of Western Thought*. New Haven: Yale University Press.
- Weinberg, Steven. 1992. *Dreams of a Final Theory*. New York: Pantheon Books.
- Wilson, Edward O. 1979. *On Human Nature*. Cambridge; MA: Harvard University Press.

Philosophy of Art (Aesthetics)- PHO- 2004

Section – I: Indian Aesthetics

Unit 1 : Natya and Rasa. Bharatamuni's theory of Rasa.

Unit 2 : Nature and analysis of Bhavas, Vrittis, Natyadharmi, Lokadharmi, Siddhis.

Unit 3 : Abhinava Gupta's development of the theory of Rasa, Dhanyalok, Anandvardhan, Abhinav Bharati, Sadharanikarana,

Unit 4 : Natya : Script (Samhita) and Performance (Prayoga)

Section – II: Western Aesthetics

Unit 5: A) Nature of Aesthetics- Definition by Leo Tolstoy
B) Autonomy of Aesthetics
C) Discussion of Main Concept like beauty, Sublime, Form

Unit 6: A) Nature of Art: Distinction between material object, art object and Aesthetic object. Distinction between material and medium, form and content.
B) Nature of Aesthetic Experience, Aesthetic, Attitude Aesthetic Qualities.
C) Painting, Sculpture- Roger Fry, Cecil Bell (Expressionism)

Unit 7: A) Different views regarding Art: Art as imitation, Expression (Existentialism- Essence), Intuition Significant form, symbolic form.
B) Aristotle on Tragedy

Unit 8: Creation, Appreciation evaluation of a work of Art.
A) Nature and analysis of an Aesthetic judgement.
B) Art and meaning, Question of Interpretation- Freud, De-saussure's language & Parol futurism
C) Evaluation of Art- Cultural relativism

BOOKS FOR READING :

- Kant : Critique of judgement, (tr.) Bernard J.H., Oxford, London, 1973.
- Langer S. : Feeling and Form, RKP, London, 1973.
- Carriet E.F. : The theory of beauty, Methuen, London, 1962.
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- Goodman N. : Languages of Art, Bobbs and Meril, New York, 1968.

- Hospers John: Introductory Readings in Aesthetics, The free press, New York, 1969.
- Barlingay S.S. : Soundaryache Vyakarana, Abhinava Prakashan, Bombay, 1976.
- Oswal Ganfling (Ed.) : Philosophical Aesthetics : An Introduction, Blackwell, 1992.
- Susan L. (Ed.): Feagin and Patrik Maynard: Aesthetics, Oxford University Press.
- John W. Bender (Ed.) : H. Gene Blocker, Contemporary Phiosophy of Art, Prentice Hall, New Jercey.
- Gordon Grahman: Philosophy of the Arts, Routledge, London.
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- Indian Aesthetics and Art Activity, Proceedings of a seminar, Indian Institute of Advanced study, Shimla, 1968.
- Kane, P.V.: History of Sanskrit Poetics, Motilal Banarasidass, Delhi, 1961.
- Commaraswami A.K., The Transformation of Nature in Art, Dover Publications, New York, 1956.
- Ghoshal S. N., Elements of Indian Aesthetics, Chaukhambha, Varanasi 1986.
- डॉ. गो.के. भट : भरत नाट्य मंजिरी
- डॉ. गो.के. भट : रस - भाव विचार
- गोदावरी केतकर: भारतीय नाट्यशास्त्र
- डॉ. भा. रा. पाटणकर : सौंदर्य मीमांसा
- B.C. Mardhekar : Art and Man.
- डॉ. प्रभाकर पाध्ये : सौंदर्य मीमांसा
- साने गुरुजी : कला म्हणजे काय?
- R C Colling Word : Principles of Art
- स.ग. मालशे : कलेचे तत्त्वज्ञान(साहित्य संस्कृती मंडळ)

Buddhism and Jainism- (PHO- 2002)

Section –I Buddhism

Unit 1: Introduction to Buddhism- General History and Culture, Neo- Buddhism

Unit 2 : Pramanas accepted by Buddhism- Pramana vichar,
Pramanyavada, Apoha

Unit 3 : Causality- Doctrine of dependent origination- Pratiyasamutpada
Doctrine of Impermanence- Anityavada
Doctrine of No Soul- Anatmavada

Unit 4 : Four Noble Truths.
The Noble Eight- Fold Path- Ashtangamarga
Nirvana

Unit 5 : Doctrine of Momentariness- Kshanabhangavada
Doctrine of Nothingness- Shunyavada

Unit 6 : Critical evaluation of Buddhism

Section- II Jainism

Introduction to Jainism, Their Pramanas
(Means of Knowledge have undergone changes 3 times)

Unit 1 : Parmana Charcha- Nayavada, Syadvada, Saptabhanginaya

Unit 2 : Anekantvada- Categories- Jiva- Ajiva- Atheism

Unit 3 : Theory of Karma- Bondage and liberation

Unit 4 : Critical evaluation of Jainism

Books for Reading:-

- Dr. Sharma C. : Critical Survey of Indian Philosophy, Motilal Banarasidass
- Dr. Radhakrishnan : Indian Philosophy, Vol I, II, III
- Hiriyana M : Outlines of Indian Philosophy, Motilal Banarasidass
- Hiriyana M : Essentials of Indian Philosophy, Motilal Banarasidass
- Joshi G.N. : Bhartiya Tattvajnanacha Brihad Itihas, Shubhada Sarasvat
Prakashan

- Dixit Srinivas : Bharatiya Tattvajnana
- Sinha Yadunath : History of Indian Philosophy
- Dasgupta S : A History of Indian Philosophy, Vol I to V. Motilal Banarasidass
- Chatterjee & Datta : An Introduction to Indian Philosophy
- सर्व अध्ययन केंद्र प्राज्ञपाठशाळा मंडळ वाई: बौद्ध धर्माचा अभ्युदय आणि प्रसार
- वा.गो. आपटे: बौद्ध पर्व, समन्वय प्रकाशन
- हरिभाऊ पगारे : बौद्धधर्म मार्गदीप, मॅजेस्टीक बुक स्टॉल
- डॉ. सिन्धू डांगे : बौद्धधर्म आणि तत्त्वज्ञान, कॉटिनेन्टल प्रकाशन
- डॉ. राजेंद्र प्रसाद शाक्य : बौद्ध दर्शन, मध्यप्रदेश हिंदी ग्रंथ अकॅडमी
- Dr. Ambedkar : The Buddha and his Dhamma
- सिद्धांताचार्य पं. कल्लाशचंद्र शास्त्री : जंबू न्याय
- डॉ. के. वा. आपटे: आचार्य सिद्धसेन दिवाकर प्रणित न्यायावतार परामर्श प्रकाशनमाला, तत्त्वज्ञान विभाग, पुणे विद्यापीठ
- हीरालाल जंबू : प्रमेय रत्नमाला, चाखम्बा विद्याभवन, वाराणसी

Cosmology – (PHO- 2003)
