RAIGANJ UNIVERSITY



Department of Philosophy

UNDERGRADUATE PROGRAMME (Honours)

SYLLABUS OF COURSES TO BE OFFERED

Core Courses, Elective Courses & Ability Enhancement Courses

CHOICE BASED CREDIT SYSTEM (CBCS):

The CBCS provides an opportunity for the students to choose courses from the prescribed courses comprising core, elective/minor or skill based courses. The courses can be evaluated following the grading system, which is considered to be better than the conventional marks system. Therefore, it is necessary to introduce uniform grading system in the entire higher education in India. This will benefit the students to move across institutions within India to begin with and across countries. The uniform grading system will also enable potential employers in assessing the performance of the candidates. In order to bring uniformity in evaluation system and computation of the Cumulative Grade Point Average (CGPA) based on student's performance in examinations, the UGC has formulated the guidelines to be followed.

Outline of Choice Based Credit System:

- **1. Core Course:** A course, which should compulsorily be studied by a candidate as a core requirement is termed as a Core course.
- **2. Elective Course:** Generally a course which can be chosen from a pool of courses and which may be very specific or specialized or advanced or supportive to the discipline/ subject of study or which provides an extended scope or which enables an exposure to some other discipline/subject/domain or nurtures the candidate's proficiency/skill is called an Elective Course.
- **2.1 Discipline Specific Elective (DSE) Course:** Elective courses may be offered by the main discipline/subject of study is referred to as Discipline Specific Elective. The University/Institute may also offer discipline related Elective courses of interdisciplinary nature (to be offered by main discipline/subject of study).
- **2.2 Dissertation/Project:** An elective course designed to acquire special/advanced knowledge, such as supplement study/support study to a project work, and a candidate studies such a course on his own with an advisory support by a teacher/faculty member is called dissertation/project.
- **2.3 Generic Elective (GE) Course:** An elective course chosen generally from an unrelated discipline/subject, with an intention to seek exposure is called a Generic Elective.
- P.S.: A core course offered in a discipline/subject may be treated as an elective by other discipline/subject and vice versa and such electives may also be referred to as Generic Elective.
- **3.** Ability Enhancement Courses (AEC)/Competency Improvement Courses/Skill Development Courses/Foundation Course: The Ability Enhancement (AE) Courses may be of two kinds: AE Compulsory Course (AECC) and AE Elective Course (AEEC). "AECC" courses are the courses based upon the content that leads to Knowledge enhancement. They ((i) Environmental Science, (ii) English/MIL Communication) are mandatory for all disciplines. AEEC courses are value-based and/or skill-based and are aimed at providing hands-on-training, competencies, skills, etc.
- **3.1 AE Compulsory Course (AECC):** Environmental Science, English Communication/MIL Communication.
- **3.2 AE Elective Course (AEEC):** These courses may be chosen from a pool of courses designed to provide value-based and/or skill-based instruction.

Details of courses under B.A (Honors), Philosophy

Course	*Credits	
Theory + Tutorial		
I. Core Course (14 Papers) Core Course Theory / Tutorial* (14 Papers)		14X5=70
II. Elective Course(8 Papers)A.1. Discipline Specific Elective(4 Papers)		14X1=14 4X5=20
A.2. Discipline Specific Elective Tutorial* (4 Papers)		4X1=4
B.1. Generic Elective/ Interdisciplinary (4 Papers)		4X5=20
B.2. Generic Elective Tutorial* (4 Papers) ■ Optional Dissertation or project work in (6 credits) in 6th Semester	place of one Discipline Speci	4X1=4 fic Elective paper
III. Ability Enhancement Courses 1. Ability Enhancement Compulsory (2 Papers of 2 credit each) Environmental Studies English/MIL Communication		4+2=6
2. Ability Enhancement Elective (Skill Based)(Minimum 2)(2 Papers of 2 credit each)		2 X 2=4
	Total credit	140

SCHEME FOR CHOCE BASED CREDIT SYSTEM

B.A. (Honours), Philosophy

		Core Course (14)	Ability enhancement Compulsory Course (AECC)2	Skill Aenhancement Course (SEC) 2	Discipline Specific Elective DSE (4)	Generic Elective GE(4)
Semester-1	I	PHIL(H) C101- Indian Philosophy (Nastika) PHIL(H) C102- Indian Philosophy (Astika)				GE- 1, 2, 3 & 4 1. Indian Philosophy (Nastika)
Semester-2	II	PHIL(H) C 201- Logic PHIL(H) C202 Greek Philosophy				2. Indian Philosophy (Astika)
Semester-3	III	PHIL(H) C 301- Ethics (Indian & Western) PHIL(H) C 302- Tarka Samgraha With Dipika- Annam Bhatta (Buddhi Khanda) PHIL(H) C303 Western Philosophy (Descartes To Kant)		Critical Thinking		3. Theories Of The Origin Of Knowledge: Rationalism, Empiricism & Kant's Critical Theory 4. Logic
Semester-4	IV	PHIL(H) C 401- Social And Political Philosophy (Indian And Western) PHIL(H) C 402- Applied Ethics PHIL(H) C403- Truth-Functional Logic: Propositional And Predicate		Value Based Education		
Semester-5	V	PHIL(H) C 501- Philosophy Of Religion (Indian) PHIL(H) C502- Philosophy Of Religion (Western)			DSE-1,2,3 &4 1. Philosophy Of Mind 2. Indian Materialism 3. Bhagavad Gita	
Semester-6	VI	PHIL(H) C 601- Logic PHIL(H) C 602- Social And Practical Philosophy			4. Philosophy of Science Understanding 5. Analytic Philosophy 6. Vivekananda Religion 7. Bio-Ethics 8. Feminism	

CHOICE BASED CREDIT SYSTEM B.A. (HONS.) PHILOSOPHY LIST OF PAPERS AND COURSES. A. CORE COURSE (14 PAPERS)

SEMESTER - I

PHIL(H) C 101-PAPER- I – INDIAN PHILOSOPHY (NASTIKA)

PHIL(H) C 102-PAPER –II- INDIAN PHILOSOPHY (ASTIKA)

SEMESTER - II

PHIL(H) C 201-PAPER -III- LOGIC

PHIL(H) C 202 - PAPER-IV- GREEK PHILOSOPHY

SEMESTER - III

PHIL(H) C 301-PAPER-V- ETHICS (INDIAN & WESTERN)

PHIL(H) C 302 -PAPER-VI- TARKA SAMGRAHA WITH DIPIKA- ANNAM BHATTA (BUDDHI KHANDA)

PHIL(H) C 303- PAPER -VII- WESTERN PHILOSOPHY (Descartes to Kant)

SEMESTER – IV

PHIL(H) C 401- PAPER -VIII- SOCIAL AND POLITICAL PHILOSOPHY (INDIAN and WESTERN)

PHIL(H) C 402 -PAPER- IX- APPLIED ETHICS

PHIL(H) C 403 -PAPER-X- TRUTH-FUNCTIONAL LOGIC: PROPOSITIONAL AND PREDICATE

SEMESTER - V

PHIL(H) C 501- PAPER- XI- PHILOSOPHY OF RELIGION (INDIAN)

PHIL(H) C 502- PAPER- XII- PHILOSOPHY OF RELIGION (WESTERN)

SEMESTER – VI

PHIL(H) C 601-PAPER-XIII- LOGIC

PHIL(H) C 602-PAPER-XIV- SOCIAL AND PRACTICAL PHILOSOPHY

B: DISCIPLINE SPECIFIC ELECTIVE-4 (DSE) SUBJECT CENTRIC(ANY FOUR)

- 1. PHILOSOPHY OF MIND
- 2. INDIAN MATERIALISM
- 3. BHAGAVAD GITA
- 4. PHILOSOPHY OF SCIENCE
- 5. ANALYTIC PHILOSOPHY
- 6. VIVEKANANDA RELIGION
- 7. BIO-ETHICS
- 8. FEMINISM

C: GENEREIC ELECTIVE (GE)-4 (INTER DISCIPLINENARY)

- 1. INDIAN PHILOSOPHY (NASTIKA)
- 2. INDIAN PHILOSOPHY (ASTIKA)
- 3. THEORIES OF THE ORIGIN OF KNOWLEDGE: RATIONALISM, EMPIRICISM & KANT'S CRITICAL THEORY
- 4. LOGIC

D: SKILL ENHANCEMENT COURSE (SEC) -2

- 1. CRITICAL THINKING
- 2. VALUE BASED EDUCATION
- 3. ENVIRONMENTAL EDUCATION
- 4. EDUCATIONAL PSYCHOLOGY

PHIL (H) C 101: INDIAN PHILOSOPHY(NASTIKA) UNIT I

- 1. Introduction to Indian Philosophy
- 2. Common Features of Indian Philosophical Schools
- 3. The Upanisads: doctrine of the self and critique of ritual

UNIT II

- 1. Cārvāka: Metaphysics and Epistemology
- 2. Early Buddhism: Four Noble Truths and Doctrine of Dependent Origination (Pratītyasamutpāda)
- 3. Jainism: Anekāntavāda and Syādvāda

Recommended Readings:

- Chakravarty, Nilima (1992), Indian Philosophy: The Path Finder's and System Builders, New Delhi: Allied Publishers.
- Chatterjee, S.C. (2008), Nyāya Theory of Knowledge, Delhi, Bharatiya Kala Prakashan.
- Chatterjee, S.C. & D.M. Datta (1984), An Introduction to Indian Philosophy, reprint, University of Calcutta.
- Dasgupta, S.N. (2004), A History of Indian Philosophy, vol.1, Delhi, Motilal Banarasidass Publishers, Pvt. Ltd.
- Hiriyana, M: (1951), Outlines of Indian Philosophy, London: Allen & Unwin.
- Mohanty, J.N. (1992), Reason and Tradition in Indian Thought, Oxford, Clarendon Press.
- Organ, Troy Wilson. (1964), The Self in Indian Philosophy, London, Mouton & Co.
- Radhakrishnan, S. (1929), Indian Philosophy, Volume 1, Muirhead Library of Philosophy, 2nd edition, London: George Allen and Unwin. Radhakrishnan, S. Moore, (1967) CA, A Sourcebook in Indian Philosophy, Princeton.
- Raju, P.T. (1985) Structural Depths of Indian Thought, NY Albany: State University of New York Press.
- Sharma, C.D. (2003) Critical Survey of Indian Philosophy, Delhi: Motilal Banarsidass
- Shastri, Haridatta, Bhartiya Darshan Ka Itihas.(Hindi)
- Upadhaya, Baldeva. Bhartiya Darshan (Hindi), Banaras.

PHIL (H) C 102: INDIAN PHILOSOPHY (ASTIKA)

UNIT I

- 1. Nyāya-Vaiśeṣika and Mīmāmsā on the Nature of Knowledge
- 2. Sāmkhya: Prakṛti and Puruṣa, Theory of Evolution
- 3. Asatkāryavāda and Satkāryavāda Debate

UNIT II

- 1. Advaita Vedānta of Śamkara: Nature of Brahman and Māyā
- 2. Viśiṣṭādvaita of Rāmānuja: Nature of Brahman and Refutation of Māyā

Recommended Readings:

- Chakravarty, Nilima (1992), Indian Philosophy: The Path Finder's and System Builders, New Delhi: Allied Publishers.
- Chatterjee, S.C. (2008), Nyāya Theory of Knowledge, Delhi, Bharatiya Kala Prakashan.
- Chatterjee, S.C. & D.M. Datta (1984), An Introduction to Indian Philosophy, reprint, University of Calcutta.
- Dasgupta, S.N. (2004), A History of Indian Philosophy, vol.1, Delhi, Motilal Banarasidass Publishers, Pvt. Ltd.
- Hiriyana, M: (1951), Outlines of Indian Philosophy, London: Allen & Unwin.
- Mohanty, J.N. (1992), Reason and Tradition in Indian Thought, Oxford, Clarendon Press.
- Organ, Troy Wilson. (1964), The Self in Indian Philosophy, London, Mouton & Co.
- Pandey, Sangam Lal (1983), Pre-Śaṃkara Advaita Philosophy, 2nd edition, Allahabad: Darsan Peeth. Radhakrishnan, S. (1929), Indian Philosophy, Volume 1, Muirhead Library of Philosophy, 2nd edition, London: George Allen and Unwin. Radhakrishnan, S. Moore, (1967) CA, A Sourcebook in Indian Philosophy, Princeton.
- Raju, P.T. (1985) Structural Depths of Indian Thought, NY Albany: State University of New York Press.
- Sharma, C.D. (2003) Critical Survey of Indian Philosophy, Delhi: Motilal Banarsidass
- Shastri, Haridatta, Bhartiya Darshan Ka Itihas.(Hindi)
- Upadhaya, Baldeva. Bhartiya Darshan (Hindi), Banaras.

PHIL (H) C 201: Paper: LOGIC

UNIT I: Basic Logical Concepts

- 1. Sentence and Proposition
- 2. Argument and Inference
- 3. Truth, Validity and Soundness.
- 4. Argument and Explanation
- 5. Deduction and Induction

UNIT II: Logic and Language:

- 1. What is a word? Definition of a term.
- 2. Connotation and Denotation of a term and their relationship.
- 3. Uses of Language: Three Basic functions of Language.
- 4. Agreement and Disagreement in Belief and Attitude
- 5. Definition

UNIT III: Aristotelian Logic:

(A)

- 1. Categorical Propositions & Immediate Inferences
- 2. Square of Opposition, The Problem of Existential Import
- 3. Translating Categorical Propositions into Standard form
- 4. Immediate Inferences: Conversion, Obversion and Contraposition

(B)

- 5. Mediate Inference: Categorical Syllogism: Mood, Figure
- 6. Validiting / Invaliditing Categorical Syllogisms through syllogistic rules, Special Theorems &Venn Diagrams

Recommended Readings:

- Cohen & Nagel. (1968), An Introduction to Logic and Scientific Method, Delhi: Allied Publishers. Copi. I.M. (2012), Introduction to Logic, Delhi: Pearson. (Hindi. translation of this text is also available)
- Hurley, Patrick(2007), Introduction to Logic, Wadsworth, Delhi,
- Sen, Madhucchanda(2008), LOGIC, Delhi, Pearson

PHIL (H) C 202: GREEK PHILOSOPHY

UNIT-I

1. Pre-Socratic philosophy: a general survey of Pre Socratic philosophy

(Text: Aristotle's metaphysics book 1)

- 2. Heraclitus: Doctrine of Flux and Logos
- 3. Parmenides: Nature of Being

UNIT-II

- 1. Sophists and Socrates
- 2. Man is the measure of all things (Protagoras)
- 3. Virtue is Knowledge (Socrates)

UNIT-III

1. Plato: Justice in state and individual (Text: Republic Books 2-4)

UNIT-IV

1. Aristotle: Nature and change (Text: Physics Bks 1 and 2)

Recommended Readings:

- Charlton, W.(1936), Aristotle's Physics Bks 1-2, U.S.A, Clarendon
- Cohen, M.S. Curd, P. & Reeve, C.D.C.(ed)(1995) Readings in Ancient Greek Philosophy, Hackett: Indianapolis

Kirk, G.S. Raven & Schofield (1957) Pre Socratic Philosophy CUP

- Tankha, V. (2012) Ancient Greek Philosophy: Thales to Socrates ,India, Pearson
- Vlastos, G. (1969)" Justice and psychic harmony in the Republic" in Journal of Philosophy.

Vol.66(16): pp 505-521

PHIL (H) C 301: ETHICS (INDIAN & WESTERN)

UNIT I

- 1. Bhagvadgītā: Niṣkāmakarma
- 2. Four Puruṣārthas: Dharma, Artha, Kāma, Mokṣa
- 3. Gandhi's conception of Ahimsā and satya

UNIT II

- 1. Conventional and Reflective Morality
- 2. Relativism

UNIT III

- 1. Aristotle: Virtue Ethics
- 2. Kant: The Categorical Imperative
- 3. Mill: Utilitarianism

UNIT IV: INDIAN ETHICS

- 1. Theories of Punishment-Capital Punishment
- 2. Euthanasia

Recommended Readings:

- Aristotle. (1926). Nichomachean Ethics, Harvard University Press.
- Bilimoria, Purushottama et al. (2007). Indiaa Ethics: Classical Traditions and Contemporary Challenges, New Delhi: Oxford University Press.
- Frankena Williams. (1988). Ethics , Prantice Hall of India, Pearson; 2nd edition
- Kant, Immanuel. (1953). Groundwork of the Metaphysics of Morals, Trans. H.J Paton, as The Moral Law, London: Hutchinson.
- Rachels, J. (1987) The End of Life: Euthanasia and Morality, CUP
- Rachel, J. (2003) The Elements of Moral Philosophy, McGraw-Hill
- Sharma, I.C.(1962) Ethical Philosophies of India, New York, U.S.A. Johnsen Publishing Company
- Warnock Mary. (1962) J.S Mill Utilitarianism, Glasgow: Collins.

PHIL (H) C 302: TARKASAMGRAHA WITH DIPIKA- ANNAMBHATTA (BUDDHI KHANDA)

UNIT I

- 1. Definition of Knowledge
- 2. Types of Valid Knowledge
- 3. Perception as a source of valid Knowledge (Pratyakşa)

UNIT II

1. Inference (Anumāna)

UNIT III

1. Testimony (Śabda)

Recommended Readings:

- Tarkasamgraha with Dīpikā-Gopinath Bhattacharya.
- Tarkasamgraha with Dīpikā Chandrodaya Bhattacharya.

PHIL (H) C 303: WESTERN PHILOSOPHY: DESCARTES TO KANT

UNIT I: RATIONALISM

1. Descartes : Method of Doubt Mind body Dualism

2. Spinoza : God and Substance3. Leibnitz : Truth and Reason

UNIT II: EMPIRICISM

1. Locke : Critique of Innate Ideas

Ideas and Qualities

2. Berkeley : Esse est Percipi

Denial of Matter (Immaterialism)

3. Hume : Ideas and Impressions

Causation

UNIT III:

1. Kant : Classification of Propositions

Possibility of synthetic a priori

Recommended Readings:

- Connor, D. J. (1964). A Critical History of Western Philosophy, Macmillan, New York, 1964.
- Moore, Bruder. (2011). Philosophy: The Power of Ideas, New Delhi: Tata MacGraw Hill
- Stegmuller, W(1969). Main Currents in Contemporary German, British and American Philosophy, , Dordrecht, D. Reidel Publishing
- Thomson, Garrett. (1993) An Introduction to Modern Philosophy, California: Wadsworth Publishing.

DEPARTMENT OF PHILOSOPHY B.A. (HONS.) (CORE COURSE)

PHIL (H) C 401: SOCIAL AND POLITICAL PHILOSOPHY (INDIAN & WESTERN)

SECTION A: INDIAN

UNIT I

Tagore, "Nationalism In the West" Nationalism, Rupa & Co., New Delhi, 2005

UNIT II

Gandhi, Critique of Modern Civilization in (Hind Swaraj, edi. Anthony J. Parel, Cambridge University Press, 1997, Chapters 6-13th)

UNIT III

M.N. Roy, (2004). "New Political Philosophy" in Radical Humanist: Selected Writings Kolkota, Premetheus.

UNIT IV

Hamid Dalwai "On Secularism" in Muslim Politics in Secular India,(1968) Bombay, Nachiketa Publication.

SECTION B: WESTERN

UNIT I

Immanuel Kant: "On Enlightenment"

(Towards Perpetual Peace and Other Writings, Yale, 2006)

UNIT II

I. Berlin: "Two Concepts of Liberty" in Four Essays on Liberty, Oxford University Press.

UNIT III

R. Dworkin, "What is Equality?" 'in Sovereign Virtue (2000)Harvard, Harvard University Press

UNIT IV

John Rawls: "Fundamental Ideas" in Justice as Fairness: A Restatement,(2001) (ed.) Erin Kelly, Harvard University Press, pp 1-38.

Recommended Readings:

- Berlin, I(1969), "Two Concepts of Liberty", in Four Essays on Liberty, OUP.
- Dalwai, Hamid, (1968). Muslim Politics In Secular India, , Bombay, Nachiketa Publications
- Dworkin, R.(2000), "What is Equality?," in Sovereign Virtue, Harvard University Press
- Gandhi, M.K(1938)., Hind Swaraj, Ahmadabad, India Navjivan Publishing House
- Rawls, John, (2000) Justice As Fairness- A Restatement, Chapter One, edited by Erin Kelly, Havard University Press.
- Tagore, Rabindranath, Nationalism, The Macmillan Company, New York, (available in pdf format).

CHOICE BASED CREDIT SYSTEM

DEPARTMENT OF PHILOSOPHY B.A. (HONS.) (CORE COURSE)

PHIL (H) C 402: APPLIED ETHICS UNIT-I

1. An Introduction to Moral Philosophy and Applied Ethics.

UNIT-II Value of Human Life

- 1. Human Rights
- 2. Punishment
- 3. Suicide, Female Foeticide

UNIT-III Environmental Ethics

- 1. Nature as Means or End.
- 2. Respect for animals and ecology

UNIT-IV Professional Ethics and Public Policy

- 1. Medical Ethics- Surrogacy, Doctor-patient relation, Euthanasia
- 2. Media Ethics Privacy, Ethical Issues in Cyber space

Recommended Readings:

- Dower Nigel, (2007) World Ethics: The New Agenda. Edinburgh University Press: Edinburgh.
- Hammer Rhonda and Kellner Dougles (eds),(2009) Medical and Cultural Studies: Critical approaches, New York, Peter Lang Publishing
- Holmes Rolston and Andrew Light (eds),(2007) Environmental Ethics: An Anthology. USA, Blackwell
- Jecker, Nancy S. Jonsen Albert R and Robert A Pearlman (eds)(2010) Bioethics: An Introduction to the History, Method and Practice. New Delhi, Jones and Bartlett
- Motilal Shashi (ed)(2010), Applied Ethics and Human Rights: Conceptual Analysis and Contextual Applications. London, Anthem Press
- Piet John H,. and Prasad Ayodhya (eds),(2000) An Introduction to Applied Ethics. New Delhi, Cosmo Publications
- Rachel James, (2011) The Elements of Moral Philosophy. Oxford, Oxford University Press:
- Singer Peter,(1986) Applied Ethics Oxford, Oxford University Press
- Yogi, Manasvini. M, Euthanasia: Its Moral Implication, (2007) Delhi, Pratibha Prakashan,

PHIL (H) C 403: TRUTH FUNCTIONAL LOGIC & INDUCTIVE INFERENCE

UNIT 1: LOGIC OF COMPOUND PROPOSITIONS (Sentential):

- 1. Logical Connectives: And (•), Or (V) and Not (~)
- 2. Material Conditional (\supset) and Biconditional (\equiv)
- 3. Truth Tables for Logical Connectives
- 4. Interdefinability of logical connectives
- 5. Truth functions: Symbols and Translation
- 6. Statements and statement-forms: Logical status
- 7. Truth table Method
- 8. Shorter Truth Tables (Reductio ad absurdum)
- 9. Shaffer's stroke function.

UNIT II: INDUCTIVE INFERENCE

- 1. Casual connection: Mills method of experimental inquiry: Cause and Effect. Meaning of 'Cause'. The singularity of causes, laws and the uniformity of nature.
- 2. Mills Method: Method of Agreement, Method of Difference, Joint Methods of Agreement, method of different, joint methods of Agreements and Differences, method of residuals, methods of concomitant variatipon.
- 3. Science and Hypothysis: Explanation: Scientific and unscientific evaluating scientific explanations. The problem, Preliminary Hypothesis, Collecting Additional Facts, formulating the hypothesis, deducting further consequences, testing the consequences, application.
- 4. Probability.

Recommended Readings:

- Copi. I.M. (2008). Symbolic Logic, India, Pearson,
- Copi. I.M. (2012). Introduction to Logic, 14th Edition, Pearson, India, Hindi translation also available with Pearson.
- Hurley. Patrick, (2007) Introduction to Logic, Delhi, Wadsworth
- Jeffrey, R.(1967) Formal Logic: Its scope and limits, U.S.A. MaGraw Hill
- Quine, W.V.O.(1965) Methods of Logic, London, Routledge
- Sen, Madhucchanda, (2008). Logic, Delhi. Pearson
- Probablity and Inductive Logic : Kyburg H.E(Jr.)(Chap.1,2,6,10,12,13)
- An Introduction to Logic and Scientific Method: Cohen and Nagen.
- (Chap.-11&13) Elements of Logic: Stephen F.Barker.

PHIL (H) C 501: PHILOSOPHY OF RELIGION (INDIAN)

UNIT-I

- 1. The Concept of Bhakti
- 2. The Concept of Dharma (Pūrva-mīmāmsā)

UNIT-II

- 1. The Conceptions of God/Absolute (Śaṃkara's Brahman, Rāmānuja's God as Infinite, Personal and Good)
- 2. The Doctrine of Karma and Rebirth (with special reference to the Bhagvadgītā (any translation)

Recommended Readings:-

- Baruch A Brody ed(1974). Reading in Philosophy of Religion, , Part-1, 1.17, , New Jersey PHI publication, pp 168-186)
- Chad, Meister, (ed.)(2008) Philosophy of Religion Reader, New York, Rutledge,
- Hinnells, J.R. (2005) The Routledge Companion to the study of Religion, Oxon. Routledge
- Hari Shankar Prasad (2007), The Centrality of Ethics in Buddhism, Delhi, Motilal Banarsidass. 21
- Jadunath Sinha (2000) Indian Philosophy (vol i & II) Delhi, MLBD
- John Shand Genl. Ed(2011). God- Central problems of Philosophy, U.K. Acumen Publishing Ltd.
- Keith E Yandell, (1999) Philosophy of Religion- a contemporary introduction, Oxon, Routledge
- M. Hirriyana(1983) Outlines of Indian Philosophy, Delhi ,MLBD,
- Peterson, Hasker Reichenbach and Basinger(2001)Philosophy of Religion: Selected Readings. OUP
- Philip L Quinn and Charles Taliaferro ed(1999). A Companion to Philosophy of Religion, USA, Blackwell Publishers
- Purushottam Bilimoria, Joseph Prabhu and Renuka Sharma ed. Indian Ethics- Classical Traditions and Contemporary Challenges, OUP, New Delhi.
- S. N. Dasgupta: (2000) History of Indian Philosophy (Vol. I, II, III) OUP,
- Stump and Murray, ed(1999). Philosophy of Religion The Big Questions, Blackwell publications.
- The Hindi Translation of John Hick, Philosophy of Religion, is available, Dharm Darshan anuvadaka, Rajesh Kumar Singh, PHI, New Delhi, 1994.
- V. P. Verma, Dharma Darshan Ke Mool Siddhant, Hindi madhyam Karyanvaya Nideshalaya, New Delhi, 1991.
- William Lane Craig ed. (2002). Philosophy of Religion: A Reader and Guide, Edinburgh, Edinburgh University Press.

PHIL (H) C 502: PHILOSOPHY OF RELIGION (WESTERN)

UNIT I

- 1. Nature of Philosophy of Religion and its distinction from theology
- 2. Proofs for the existence of God:

Ontological Argument (with reference to St. Anselm, Gaunilon's Criticism, Descartes version, Kant's and Bertrand Russell's critique)

Cosmological Argument (Thomas Aquinas' version, The Kalam Cosmological Argument, Immanuel Kant and William Craig's Criticism)

3. Religious Experience (Religious Experience as the Root of Religion: William James)

UNIT II

- 1. Religious Pluralism (Religious Pluralism: John Hick)
- 2. Cognitivist and Non-cognitivist debate (Cognitivist: Thomas Aquinas and Paul Tillich; Non cognitivist: Wittgenstein, Antony Flew, Basil Mitchell.
- 3. Religion and Science (Science Discredits Religion: Richard Dawkins)

Recommended Readings:-

- Baruch A Brody ed(1974). Reading in Philosophy of Religion, , Part-1, 1.17, , New Jersey PHI publication, pp 168-186)
- Chad, Meister, (ed.)(2008) Philosophy of Religion Reader, New York, Rutledge,
- Hinnells, J.R. (2005) The Routledge Companion to the study of Religion, Oxon. Routledge
- Hari Shankar Prasad (2007), The Centrality of Ethics in Buddhism, Delhi, Motilal Banarsidass.
- Jadunath Sinha (2000) Indian Philosophy (vol i & II) Delhi, MLBD
- John Shand Genl. Ed(2011). God- Central problems of Philosophy, U.K. Acumen Publishing Ltd.
- Keith E Yandell, (1999) Philosophy of Religion- a contemporary introduction, Oxon, Routledge
- M. Hirriyana(1983) Outlines of Indian Philosophy, Delhi ,MLBD,
- Peterson, Hasker Reichenbach and Basinger (2001) Philosophy of Religion: Selected Readings. OUP
- Philip L Quinn and Charles Taliaferro ed(1999). A Companion to Philosophy of Religion, USA, Blackwell Publishers
- Purushottam Bilimoria, Joseph Prabhu and Renuka Sharma ed. Indian Ethics- Classical Traditions and Contemporary Challenges, OUP, New Delhi.
- S. N. Dasgupta: (2000) History of Indian Philosophy (Vol. I, II, III) OUP,
- Stump and Murray, ed(1999). Philosophy of Religion The Big Questions, Blackwell publications.
- The Hindi Translation of John Hick, Philosophy of Religion, is available, Dharm Darshan anuvadaka, Rajesh Kumar Singh, PHI, New Delhi, 1994.
- V. P. Verma, Dharma Darshan Ke Mool Siddhant, Hindi madhyam Karyanvaya Nideshalaya, New Delhi, 1991.
- William Lane Craig ed. (2002). Philosophy of Religion: A Reader and Guide, Edinburgh, Edinburgh University Press.

PHIL (H) C 601: FORMAL LOGIC OR SYMBOLIC LOGIC UNIT I: PROPOSITIONAL LOGIC

- 1. Importance of Symbolic logic
- 2. Logical constants, Variables and basic truth functions (Negation, Conjunction, Disjunction (Alternation), Conditional (Material Implication), Bi-conditional (Material Equivalence) and Stroke Function
- 3. Symbolization of statements
- 4. Proving Validity/Invalidity: Truth Table Method & Reductio ad absurdum

UNIT II:- INFORMAL FALLACIES (AS GIVEN IN IRVING COPI 14TH EDITION)

UNIT III: LOGICAL CONNECTIVES

- 1. Uses of Symbols
- 2. Symbolization
- 3. Propositional Calculus: Truth Tables

UNIT IV: THE METHOD OF DEDUCTION

- 1. Formal Proof of Validity (Rules of Inference and Replacement)
- 2. Various Techniques for proving validity/invalidity
- (i) Proofs of Tautologies
- (ii) Rules of Conditional Proof and Strengthened Rule of Conditional Proof
- (iii) Indirect Proof
- (iv) Proving Invalidity
- (v) Reductio ad Absurdum Method

UNIT V: QUANTIFICATION THEORY

- 1. Symbolization of Singular, General and Multiply-General Propositions
- 2. Proving Validity
- 3. Proving Invalidity

UNIT VI: THE LOGIC OF RELATIONS

- 1. Symbolization (Relation and Identity)
- 2. Some Attributes of Relations, Identity and the Definite Description
- 3. Predicate Variables and Attributes of Attributes

Recommended Readings:

- Symbolic logic by irving m. Copi (fifth/sixth edition) prentice hall of india (chapter I chapter V)
- Introduction to Logic by Irving M. Copi (14th Edition) Prentice Hall of India
- Symbolic Logic by Basson O. Conner
- Methods of Logic- Quine (Part-1, Chap. 5, 7,9)
- Elements of Logic- Stephen F. Barker.(Chap.11,13)
- An Introduction to Symbolic Logic- Basson & O' Connor.

PHIL (H) C 602: SOCIAL AND PRACTICAL PHILOSOPHY

UNIT I: Basic Concepts

- 1. Basic Concepts: Society, Social group, Community.
- 2. Ideas of freedom, equality, justice, liberty.
- 3. The concept of welfare state.
- 4. Individual and state.
- 5. Humanism.
- 6. Secularism.

UNIT II: Foundation

- 1. Foundation of applied ethics-problem of applied ethics.
- 2. Business ethics.
- 3. Environmental ethics-ecology-man-nature relationship the environment and the human community, future generation.

UNIT III:

- 1. Medical ethics- euthanasia, suicide, abortion.
- 2. Frankeans ethics- chapters 5&6.
- 3. Human rights, discrimination on the basis of sex, race, caste, religion .Feminism-an analysis : marriage, dowry and divorce.

Recommended Readings:

- 1. Society: Maciver and Page.
- 2. Problems of Political Philosophy- D.D.Raphel.
- 3. Fundamental of Sociology: P. Gisbert.
- 4. Western Political Thought-A.K.Mukhopadhyay
- 5. Hindu Political Theories-U.N.Ghosal.
- 6. Practical Ethics- Peter Singer.
- 7. Ethics- Frankena.

1. PHILOSOPHY OF MIND

UNIT I. Mind and Body

1. The mind/body problem, and Descartes' dualism

Text: Descartes, Meditations II and VI (Chalmers article #1)

UNIT-II

1. Behaviourism

Text: Ryle, "Descartes' Myth," (Chalmers #5)

UNIT III

1. Identity Theories

Text: Smart, "Sensations and Brain Processes," (Chalmers #9)

UNIT-IV

1. Functionalism

Text: Putnam, "The Nature of Mental States," (Chalmers #11).

2. Problems with Functionalism: The Knowledge Argument

Text: "Epiphenomenal Qualia," (Chalmers #28)

Recommended Readings:

- Churchland, P.,(1988) Matter and Consciousness: A Contemporary Introduction to the Philosophy of Mind, USA, MIT Press,
- Crane, T.(2003), The Mechanical Mind: A Philosophical Introduction to Minds, Machines and Mental Representation, (2nd edition), New York Routledge
- David J. Chalmers(ed.) (2002), Philosophy of Mind: Classical and Contemporary Readings, Oxford, Oxford University Press
- Heil, J.(2012), Philosophy of Mind: A Contemporary Introduction (3rd edition), London,
- Kim, J.(2010), Philosophy of Mind, (3rd edition), USA, Westview Press

2. INDIAN MATERIALISM

- 1. Ancient Indian Materialism and Its Sources -Pre-Carvaka (Sañjaya, Ajita Kesakambali, Makkaala Gosala, Raikwa, Satyakama Jabali, Purana Kashyapa) ,Early Samkhya, Atomism of Viseshika and Carvaka
- 2. Carvaka/ Lokayata
- 3. Refutation of Idealism, Spiritualism and Religion
- 4. Characteristic Features of Materialism Epistemology and Ethics-Rational, Realistic, Naturalistic, Scientific, Humanistic, Anti-dogmatic and Anti-Ritualistic
- 5. Influence of Indian Materialism: Contemporary Social movements Marxist/Atheist/Rationalist/Self-Respect/Popular Science/Anti Caste Movements
- 6. Contemporary Thinkers of Indian Materialism –
- (i) M.N. Roy, (ii) Rahul Sankrityayan, (iii) Periyar, Debiprasad, (iv) Chattopadhyaya, (v) D D Kosambi, (vi) Gora (Nastika Kendram), (vii) A T Kovoor (Rationalist movement), (viii) B. Ramakrishna (Carvaka Ashramam), (ix) Narendra Dabholkar (Andhashraddha Nirmoolan Samiti)

Recommended Readings:

- Bhattacharya, R, "Development of Materialism in India: the pre-Cārvākas and the Cārvākas" Esercizi Filosofici 8, 2013, pp. 1-12 http://www2.units.it/eserfilo/art813/bhattacharya813.pdf
- Chattopadhyaya, D(1976) What is living and what is dead in Indian philosophy, Calcuta, People's Publishing House. pp1-19, 171-215
- Dale M Riepe,(1961) Naturalistic Tradition in Indian Thought, Seattle: University of Washington Press, pp.1-14
- Debiprasad Chattopadhyaya, selected excerpts from Lokāyata –Study in Ancient Indian Materialism, Bombay: Peoples Publishing House, 2008
- Gokhale, P P (1993) Cārvāka Theory of Pramāṇas: A restatement, Philosophy East and West, Vol
 43. No.1, pp.675-682
- Jihannnes Quack, "Global Expressions-India," Stephen Bullivant, Michael Ruse (Eds.) The Oxford Hand Book of Atheism, Oxford: Oxford University Press, 2013, Pp.651-664
- Jihannnes Quack.(2012) Disenchanting India –organized rationalism and criticism of Religion in India, Delhi: Oxford University Press, Pp.3-21
- M.N. Roy, selected excerpts from Materialism, Delhi: Ajanta Publications, 1987

3. BHAGAVAD GITA

UNIT I

1. Karmayoga

UNIT II

1. Jnanayoga

Recommended Readings:

- The Bhagavad Gita, S. Radhakrishnan
- The Bhagavad Gita, Ramananda Prasad
- •The Bhagavad Gita, Jagadish Ghosh (Bengali)

4. PHILOSOPHY OF SCIENCE

UNIT I: The Problem of Induction: Hume (traditional problem)

UNIT II: Observation and Explanation

UNIT III: Change and Rationality in Science: Popper and Lakatos

UNIT IV: Change and Rationality in Science: Kuhn and Feyerabend

Prescribed Readings:

Unit I

• Hume: An Enquiry Concerning Human Understanding, section IV (parts I-II), also in Epistemology: Contemporary Readings ed. By Michael Huemer, Routledge, London, 2002, pp 298-306

Unit II

- "Observation" in *Patterns of Discovery*, by N. R. Hanson, Cambridge University Press, Cambridge, 1958, Chapter-1 pp 4-30.
- N. Harman "Inference to the Best Explanation", *Philosophical Review*, vol.74, pp 88-95.

Unit III

- K. Popper,"The Problem of Demarcation", *Conjectures and Refutations*, pp 33-46,*The Logic of Scientific Discovery*, pp 10-20,Falsificationism: *The Logic of Scientific Discovery*, pp 57-74.
- Lakatos: Scientific Research Programs: 'The Methodology of Scientific Research Programs', *Philosophical Papers*, vol. 1, ed. By John Worrall and Gregory Curie, Cambridge University Press, United Kingdom, 1978, pp 47-67.

UNIT IV

- T. Kuhn: Paradigm Change and Scientific Progress, 'The Structure of Scientific Revolutions,' International Encyclopedia of Unified Science, vol. II, no. 2, University of Chicago Press, USA, 1962.
- P. Feyerabend: "How to Defend Society Against Science" in *Introduction to Philosophy*, John Parry and Michael Bratman (ed.), 3rd edition, Oxford University Press, 1999, pp 277-283.

Recommended Readings:

- Dilworth, C.(1981), Scientific Progress, London: D. Reidel,
- Hanson, N. R(1958). Patterns of Discovery, Cambridge. Cambridge University press, 27
- Hanson, N. R,(1972) A Guide to Philosophy of Science, London. George Allen & Unwin,
- Ladyman, James, (2002) Understanding Philosophy of Science, London Routledge
- Nola, R. and Sankey, H. (eds.)(2000), *After Popper, Kuhn and Feyerabend* London Kluwer Academic Publishers,
- Smith, Peter G.(2003.), Theory and Reality, The University of Chicago Press, Chicago,
- Swinburne, R, (ed.)(1974) The Justification of Induction, Oxford University Press

5. ANALYTIC PHILOSOPHY

Recommended Text:

An Introduction to Philosophical Analysis (Chap.1-6,8)-John Hospers.

Recommended Readings:

- A Hundred Years of Philosophy- Passmore.
- Introduction to Analytic Philosophy-Ammerman.
- Philosophy of Language- William P.Alston.
- Problem of Knowledge- A.J.Ayer.
- Analytic Philosophy- Barry R.Gross.

6. VIVEKANANDA RELIGION

UNIT I

Religion As A Resourcing Aspect of Life.

UNIT II

Origin of Religion.

UNIT III

Nature of Religion

UNIT IV

Nature & Ideal of Universal Religion.

Recommended Readings:

Complete Works of Swami Vivekananda

7. BIOETHICS

UNIT I: Introduction to Bio-ethics

- 1. Understanding ethics and bioethics
- 2. Human dignity and human rights
- 3. Principles of benefit and harm

UNIT II: Autonomy, Consent and Privacy

- 1. Autonomy and individual responsibility
- 2. Consent
- 3. Persons without the capacity to consent
- 4. Respect for human vulnerability and personal integrity
- 5. Privacy and confidentiality

UNIT III: Justice, Diversity and Co-operation

- 1. Equality, justice and equity
- 2. Non-discrimination and non-stigmatization
- 3. Respect for cultural diversity and pluralism
- 4. Solidarity and cooperation

UNIT IV: Health, and Responsibility

- 1. Social responsibility and health
- 2. Sharing of benefits
- 3. Protecting future generations
- 4. Protection of the environment, the biosphere and biodiversity

Recommended Readings:

- URL http://unesdoc.unesco.org/images/0016/001636/163613e.pdf
- Barilan, Yechiel M. (2014) Human Dignity, Human Rights, and Responsibility The New Language of Global Bioethics and Biolaw, U.S.A.: MIT.
- Kuhse, H. and Singer, P. (2008) Bioethics: An Anthology, 2nd Ed. Blackwell.
- Singer, Peter A. and Viens, A. M. (2008) The Cambridge Textbook of Bioethics, Cambridge: Cambridge University Press.
- Vaughn, L. (2012) Bioethics: Principles, Issues and Cases, Oxford: Oxford University Press.

8. FEMINISM

UNIT I: Patriarchy and Feminist Movement

Introduction and Chapter 11 entitled 'The creation of Patriarchy' in The Creation of Patriarchy, Gerda Lerner, OUP, 1986, pp 3-14 & 212-229.

The Risk of Essence, by Diana Fuss in Feminisms, Oxford Readers, (Ed.) Sandra Kemp and Judith Squires, OUP, 1997, pp250-258.

Feminism: A Movement to end Sexist Oppression, Bell Hooks, Feminisms, Oxford Readers pp 22-27.

UNIT II: Epistemology

"Is there a Feminist Method?", Sandra Harding (Feminisms, Oxford Reader) pp160-170.

"The Feminist Critique of Philosophy", Moira Gatens, Feminism and Philosophy: Perspective on Difference and Equality, Moira Gatens, Polity Press, UK, 1991, pp 85-99.

UNIT III: Body and Gender

"Life' as we have known It: Feminism and Biology of Gender", Lynda Birke, pp 243-264, Science and Sensibility, Gender and Scientific Enquiry, 1780-1945, ed. by Mariana Benjamin, Basil Blackwell, 1991, UK.

"The Self Is Not Gendered: Sulabha's Debate with King Janaka", RuthVanita, NWSA Journal, 2003, Vol 15, pp76-93.

UNIT IV: Women and Society

"Whatever happened to the Vedic Dasi? Orientalism, Nationalism and a Script for the Past, Uma Chakravarti" Recasting Women, Essays in Indian Colonial History, ed by KumkumSangari and SudeshVaid, pp27-79, Rutgers University Press, New Brunswick, 1990.

"Women Religion and Social Change in Early Islam", by Jane I Smith in Women Religion and Social Change, 1985, pp19-35.

"The Gender and the Environmental Debate Lessons from India" by BinaAggarwal, Feminist Studies 18, No 1, (spring) 1992, pp 119-158.

Recommended Readings:

Squires, Judith and Kemp, Sandra. Feminisms, Oxford Reader, OUP, USA, 1998.

Semester I

C1: INDIAN PHILOSOPHY(NASTIKA) UNIT I

- 1. Introduction to Indian Philosophy
- 2. Common Features of Indian Philosophical Schools
- 3. The Upanisads: doctrine of the self and critique of ritual

UNIT II

- 1. Cārvāka: Metaphysics and Epistemology
- 2. Early Buddhism: Four Noble Truths and Doctrine of Dependent Origination (Pratītyasamutpāda)
- 3. Jainism: Anekāntavāda and Syādvāda

Recommended Readings:

- Chakravarty, Nilima (1992), Indian Philosophy: The Path Finder's and System Builders, New Delhi: Allied Publishers.
- Chatterjee, S.C. (2008), Nyāya Theory of Knowledge, Delhi, Bharatiya Kala Prakashan.
- Chatterjee, S.C. & D.M. Datta (1984), An Introduction to Indian Philosophy, reprint, University of Calcutta.
- Dasgupta, S.N. (2004), A History of Indian Philosophy, vol.1, Delhi, Motilal Banarasidass Publishers, Pvt. Ltd.
- Hiriyana, M: (1951), Outlines of Indian Philosophy, London: Allen & Unwin.
- Mohanty, J.N. (1992), Reason and Tradition in Indian Thought, Oxford, Clarendon Press.
- Organ, Troy Wilson. (1964), The Self in Indian Philosophy, London, Mouton & Co.
- Pandey, Sangam Lal (1983), Pre-Śaṃkara Advaita Philosophy, 2nd edition, Allahabad: Darsan Peeth. Radhakrishnan, S. (1929), Indian Philosophy, Volume 1, Muirhead Library of Philosophy, 2nd edition, London: George Allen and Unwin. Radhakrishnan, S. Moore, (1967) CA, A Sourcebook in Indian Philosophy, Princeton.
- Raju, P.T. (1985) Structural Depths of Indian Thought, NY Albany: State University of New York Press.
- Sharma, C.D. (2003) Critical Survey of Indian Philosophy, Delhi: Motilal Banarsidass
- Shastri, Haridatta, Bhartiya Darshan Ka Itihas.(Hindi)
- Upadhaya, Baldeva. Bhartiya Darshan (Hindi), Banaras.

2. INDIAN PHILOSOPHY (ASTIKA)

UNIT I

- 1. Nyāya-Vaiśeṣika and Mīmāmsā on the Nature of Knowledge
- 2. Sāmkhya: Prakrti and Purusa, Theory of Evolution
- 3. Asatkāryavāda and Satkāryavāda Debate

UNIT II

- 1. Advaita Vedānta of Śamkara: Nature of Brahman and Māyā
- 2. Viśiṣṭādvaita of Rāmānuja: Nature of Brahman and Refutation of Māyā

Recommended Readings:

- Chakravarty, Nilima (1992), Indian Philosophy: The Path Finder's and System Builders, New Delhi: Allied Publishers.
- Chatterjee, S.C. (2008), Nyāya Theory of Knowledge, Delhi, Bharatiya Kala Prakashan.
- Chatterjee, S.C. & D.M. Datta (1984), An Introduction to Indian Philosophy, reprint, University of Calcutta.
- Dasgupta, S.N. (2004), A History of Indian Philosophy, vol.1, Delhi, Motilal Banarasidass Publishers, Pvt. Ltd.
- Hiriyana, M: (1951), Outlines of Indian Philosophy, London: Allen & Unwin.
- Mohanty, J.N. (1992), Reason and Tradition in Indian Thought, Oxford, Clarendon Press.
- Organ, Troy Wilson. (1964), The Self in Indian Philosophy, London, Mouton & Co.
- Pandey, Sangam Lal (1983), Pre-Śaṃkara Advaita Philosophy, 2nd edition, Allahabad: Darsan Peeth. Radhakrishnan, S. (1929), Indian Philosophy, Volume 1, Muirhead Library of Philosophy, 2nd edition, London: George Allen and Unwin. Radhakrishnan, S. Moore, (1967) CA, A Sourcebook in Indian Philosophy, Princeton.
- Raju, P.T. (1985) Structural Depths of Indian Thought, NY Albany: State University of New York Press.
- Sharma, C.D. (2003) Critical Survey of Indian Philosophy, Delhi: Motilal Banarsidass
- Shastri, Haridatta, Bhartiya Darshan Ka Itihas.(Hindi)
- Upadhaya, Baldeva. Bhartiya Darshan (Hindi), Banaras.

Semester II

3. THEORIES OF THE ORIGIN OF KNOWLEDGE: RATIONALISM, EMPIRICISM & KANT'S CRITICAL THEORY

Realism and Idealism as theories of reality:

i. Realism : Naive Realism, Scientific Realism, New and Critical Realism.

ii. Idealism : Subjective Idealism (Berkeley), Objective Idealism(Hegel).

Recommended Readings:

- Niradbanran Chakraborty: Paschatya Darshaner Bhumika.
- Ramprasad Das & Shiba Pada Chakraborty: Pashatya Darshaner Ruprekha.
- Promod Bandhu Sengupta: Paschatya Darsan.
- Jagadiswar Sanyal : Paschatya Darsan.
- John Hospers: An Introduction to Philosophical Analysis.
- Dr. Samarendra Bhattacharya: Paschatya Darsan.
- S . P . Chakraborty : Darsan Bhumika.

4. Logic

- 1. Definition of Logic.
- 2. Premise, Conclusion, Argument.
- 3. Truth, Falsity.
- 4. Validity and Invalidity.
- 5. Criterion of Validity (I.M.Copi)
- 6. Categorical proposition, quality, quantity and distribution of terms, translation of Categorical proposition into standard form .
- 7. Immediate inference: conversion, obversion and their combined application, square of the opposition of proposition, determine the truth value of another proposition from the truth value of given proposition.
- 8. Categorical syllogism: General rules. To test syllogistic arguments for validity.
- 9. Boolean interpretation of categorical proposition, use of Venn Diagrams to test arguments for validity .
- 10. Truth functions: negation, conjunction, disjunction, material equivalence.
- 11. Quantification theory: Translating ordinary language into the language of quantification.
- 12. Proof procedure: To construct formal proof of validity of arguments and argument-forms involving (monadic) quantification. To prove invalidity of quantification- arguments and argument-forms.
- 13.Induction: Definition of induction, induction by simple enumeration, distinction between induction and deduction.
- 14. Analogical argument.

Recommended Readings:

- 1.Introduction to Logic-I.M. Copi
- 2. Methods of Logic- Quine (Part-1, Chap. 5, 7, 9)
- 3. Elements of Logic- Stephen F. Barker.(Chap.11,13)
- 4. An Introduction to Symbolic Logic-Basson & O' Connor.

1. CRITICAL THINKING AND DECISION MAKING

UNIT I: Critical Thinking and its Components

- 1. Critical Thinking: A Second-Order Activity
- 2. Identification and Analysis of the Problem.
- 3. Organizing the Data and Identifying the Errors.

UNIT II: Problem Analysis, Decision Making and Wrapping up for Solution

- 1. Evaluating the Argument: Validity, Soundness and Strength; Reflecting upon the issue with Sensitivity and Fairness.
- 2. Evaluating Decision Options from Multiple Perspectives.
- 3. Identifying Inconsistencies, Understanding Dilemma and Looking for Appropriate Solution within Limitations.

Recommended Readings:

- 1. Hurley, Patrick J. (2007) Introduction to Logic, Wadsworth, Cengage learning.
- 2. Kam Chun Aik, and Stephen Edmonds, Critical Thinking, Longman
- 3. Dewey, John. (1933) How to Think: A Restatement of the Relation of Reflective Thinking to the Educative Process. revised edition. Boston: Health
- 4. Noisich, Gerald M. (2002) Learning to Think things through: A Guide to Critical Thinking, Prentice Hall.
- 5. Case studies.

2. Value Based Education

Unit -I: Value – An Introduction

- 1. Meaning and Importance of value
- 2. Classification of value-Indian and western

Unit-II: Sources of Value:

- 1. Religion,
- 2. Philosophy, and
- 3. Literature

Unit-III: Values- Traditional and Contemporary

- 1. Traditional values- Pu;r;ushartha, Satyam shivam sundaram, ahimsha prem and karma, tyaga and lokasangraha
- 2. Contemporary values-democracy, socialism, secularism, freedom, discipline, responsibility, human rights

Unit -IV: Value Erosion and Inculcation

- 1. Value crises in social life, economic life, and political life
- 2. Value inculcation- need and importance,
- 3. Approaches to value education- direct and indirect method, curricular and co-curricular and extra curricular

Recommended Readings:

- Allport, G.W., Vermon, P.E., and Lindzey, G. (1970) study of values, Buston: Houghton Mifflin.
- Centaral Board of Secondary Education (1997), *Value Education: A Handbook for Teachers*, Delhi: Central Board of Secondary Education.
- Delors, J. (1996), *Learning: The Treasure within-* Report of the International Commission on Education for the Twenty-First Century, Paris: UNESCO.
- Morris, Charles W. (1956). Varieties of Human Values. Chikago: University of Chicago Press.
- Shukla, R.P.(2005). Value Education and Human Rights. Sarup& Sons, New Delhi
- Value Education. Manish Prakashan , Plat No. 26, Rohit Nagar Colony, Baranasi Hindu University , Varanasi.

Unit-I: Environmental Education

Environmental Education: Concept, Characteristics, Components and Scope Historical Background of Environmental Education

Unit-II: Education of Environmental Concepts

Concept of Environment and Ecosystem

Disasters: Natural and Man Made

Unit III: Environmental Education and Social Issues

Education for Sustainable development: From Unsustainable to Sustainable development. Education of Urban Environment: Problems related to energy and water

Unit-IV- Approaches and Methods of Environmental Education

Approaches to Environmental Education: Interdisciplinary and Multidisciplinary Methods: Discussion, Seminar, And Workshop, Problem solving and Field survey.

Recommended Readings:

- Environmental Analysis of Water, Soil, Air by Saxena.
- Environmental Pollution and Bhopal Killing.
- Environmental Pollution of Cadmium by Rohatgi.
- Our Planet Our Health WHO, Oxford Publications, 1992.
- Perspectives on Environment by I. R. Manners, M.W.M. Micksell
- Soil and water Conservation Engineering by Schwab, S. D., Frevert, R. K., Edminster, T.
- W. and Earns K. K. John Wiley and Sons.
- Water Pollution and Management by C. F. Vershney.

4. Introduction to Educational Psychology

Unit- I: Educational Psychology

- 1. Definition of Education, Psychology, and Educational Psychology. Relation between Psychology and Education. Nature and scope of Educational Psychology.
- 2. Development of the Child: Infancy, Childhood, Adolescence-Physical, Social, Emotional and Cognitive development.

Unit- II: Intelligence, Attention, and Interest

- 1. Intelligence: Concept and measurement. Classification of intelligence tests. Examples of each type of test. Uses of intelligence tests.
- 2. Attention and Interest: Nature and conditions of attention, their educational implications.

Unit- III: Personality, Emotion, and Habit

- 1. Personality: Concept, traits theories (Alport)
- 2. Emotion: Meaning and characteristics, places of emotion in education.

Habit: Definition, habit formation (Uses and abuses), and Educational values of habit.

Unit- IV: Learning, Memory, and Forgetting

- 1. Learning: Its nature, relation to motivation and maturation. Theories of learning: trial and error including laws of learning, conditioned response (Classical and Operant) and Gestalt theory.
- 2. Remembering and forgetting: Process involved in memory. Marks of good memory. Forgetting it's meaning and causes.

Recommended Readings:

- C.F. Skinner- Educational Psychology
- J.P. Guilford- General Psychology
- H.R. Bhatia- Textbook of educational psychology
- S.S. Chauhan- Advance educational psychology
- S. Mangal- Educational psychology.