

Syllabus for PG Course under CBCS

Subject: Philosophy

Description of Course Structure: The whole syllabus is distributed in four semesters. In first semester there are three core courses and three optional courses. In the second semester there are three core courses and three optional courses. In the third semester there are three core courses, three optional courses. In the fourth semester there are two core courses and four optional courses among which the last two optional courses consist of writing term papers and presentations. Each module from 1 to 22 carries 50 marks of which 10 marks are allotted for internal assessment.

For optional courses II & III in semester I, candidates can choose any **two modules** from the given set of courses. For optional courses V & VI in semester II, candidates can choose any two modules from the given set of courses.

In semester III and IV candidates can choose any **one group of 5 modules** from the options given.

Semester -1	Semester- 2	Semester- 3	Semester- 4
Core Course-I (Module-1) Indian Epistemology I	Core Course-IV (Module-7) Indian Metaphysics	Core Course-VII (Module-13) Moral Issues in Indian Philosophy	Core Course-X (Module-19) Indian Logic
Core Course-II (Module-2) Western Epistemology	Core Course-V (Module-8) Western Metaphysics	Core Course-VIII (Module-14) Western Ethics	Core Course-XI (Module-20) Modern Indian Thought
Core Course-III (Module-3) Western Logic	Core Course-VI (Module-9) Indian Epistemology-II	Core Course-IX (Module-15) Group-A: Research Methodology; Group- B: Methods in Philosophy	Optional Course-X (Module-21) Nyāya IV/ Vedānta IV/Philosophy of Language IV/Philosophy of Mind IV/ Philosophy of Science IV/Aesthetics IV//Social and Political Philosophy IV
Optional Course-I (Module-4) Language-I Sanskrit/English/German	Optional Course-IV (Module-10) Language-II Sanskrit/English/German	Optional Course-VII (Module-16) Nyāya I/ Vedānta I/Philosophy of Language I/Philosophy of Mind I/ Philosophy	Optional Course-XI (Module-22) Nyāya V/ Vedānta V/Philosophy of Language V/Philosophy of Mind

		of Science I/Aesthetics I//Social and Political Philosophy I	V/ Philosophy of Science V/Aesthetics V//Social and Political Philosophy V
Optional Course-II (Module-5) See annexure I	Optional Course-V (Module-11) See annexure II	Optional Course-VIII (Module-17) Nyāya II/ Vedānta II/Philosophy of Language II/Philosophy of Mind II/ Philosophy of Science II/Aesthetics II//Social and Political Philosophy II	Optional Course-XII (Module-23) Term Paper & Presentation-I
Optional Course-III (Module-6) See annexure I	Optional Course-VI (Module-12) See annexure II	Optional Course-IX (Module-18) Nyāya III/ Vedānta III/Philosophy of Language III/Philosophy of Mind III/ Philosophy of Science III/Aesthetics III//Social and Political Philosophy III	Optional Course-XIII (Module-24) Term Paper & Presentation-II
Total Marks: 50X6=300	Total Marks: 50X6=300	Total Marks: 50X6=300	Total Marks: 50X6=300
CORE: 50X3=150 OPTIONAL:50X3=150	CORE: 50X3=150 OPTIONAL:50X3=150	CORE: 50X3=150 OPTIONAL:50X3=150	CORE: 50X2=100 OPTIONAL:50X4=200

Semester I

Core Course I: Indian Epistemology (*Pramāṇasāstra*) I

(Module I)

1. Pramāṇa: Lakṣaṇa&Parikṣā
 - (i) pratyakṣa: Nyāya, Bauddha
 - (ii) anumāna: Nyāya, Bauddha, Mīmāṃsā
 - (iii) upamāna: Nyāya, Vaiśeṣika, BhāṭṭaMīmāṃsā
 - (iv) śabda: Nyāya, Vaiśeṣika, Vaiyākaraṇa
 - (v) arthāpatti: Nyāya, Mīmāṃsā,
 - (vi) anupalabdhi: Mīmāṃsā, AdvaitaVedānta, Nyāya
2. Pramā: Lakṣaṇa&Parikṣā: Nyāya, Bauddha, AdvaitaVedānta

Suggested Readings:

1. Phanibhusan Tarkavagisa, *Nyāya Darśana*(*Nyāyasutra* with *Vātsyāyanabhāṣya*)
2. Udayanācārya, *Nyāyakusumanjali* ed. by Shrimohan Tarkatirtha
3. Visvanāth, *Bhāṣā Paricched* with *Siddhāntamuktavali* ed.by Panchanan Shastri
4. Dharmakīrti, *Nyāyabindu* ed. and trans.by Sanjit Sadhukhna
5. Praśastapādācārya, *Praśastapādabhāṣya* ed. by Brahmachari Damodar Ashram
6. Narayan Bhatta, *Mānameyodaya*
7. Dhamaraja Adhvarindra, *Vedānta Paribhāṣā*edt. by Panchanan Shastri
8. Bhartrihari, *Vākyapadiya*
9. J.N. Mohanty, *Philosophy in Classical India*
10. Bimal Krishna Motilal, *Perception*
11. P.K. Mukhopadhyaya, *The Nyāya Theory of Linguistic Performance*
12. D.M .Dutta, *Six ways of knowing*

Semester I

Core Course - II: Western Epistemology

(Module - 2)

1. Scepticism and the Traditional Definition of Knowledge
2. Gettier's Critique of the Traditional Definition of Knowledge and Some Proposed Solutions
3. Theories of Epistemic Justification – Foundationalism, Coherentism, Reliabilism (Goldman)
4. Contemporary Responses to Scepticism – Strawson's Naturalism, Epistemological Contextualism
5. Challenge to the Question of Justification – Naturalistic Epistemology

Suggested Readings:

1. Chisholm, R., 1966, *Theory of Knowledge*, Prentice-Hall
2. Dancy, Jonathan, 1985, *Introduction to Contemporary Epistemology* Blackwell Publishing
3. Goldman, A., 1979, "What is Justified Belief?", in G. S. Pappas (ed.) *Justification and Knowledge*, Dordrecht: Reidel
4. Goldman, A., 2012, *Reliabilism and Contemporary Epistemology*, New York: Oxford University
5. Lehrer, Keith, 2000, *Theory of Knowledge*, USA: Westview Press

6. Musgrave, Allan, 1993, *Common Sense, Science, and Scepticism: A Historical Introduction to the Theory of Knowledge*, Cambridge University
7. Pollock, John, 1986, *Contemporary Theories of Knowledge*, Totawa, NJ: Rowman and Littlefield
8. Prichard, Duncan, 2006, *What Is This Thing Called Knowledge?*, London and New York: Routledge
9. Quine, W. V. O., 1969, "Epistemology Naturalized", in *Ontological Relativity and Other Essays*, New York: Columbia University Press
10. Tomberlin, James, 1999, *Philosophical Perspectives*, Vol. 13 (Epistemology), Cambridge, MA & Oxford, UK: Blackwell Publishers

Semester I

Core Course - III: Western Logic

(Module – 3)

1. Mechanism of Deduction in Symbolic Logic - Formal Proof of Derivation using Rules of Inference and Rules of Equivalent Substitution, Indirect Proof, Conditional Proof, Strengthened Conditional Proof
2. Transition from truth-functional Propositional Logic to First-order Logic - Language of First-order Logic, Singular and General Proposition, Propositional Function
3. Multiple Generality – Translating Sentences in Ordinary Language into First-order Language
4. Rules of Inference involving Quantifiers – construction of Formal Proof of Derivation, Demonstration of Logical truths involving Quantifiers

5. Logic of Relations – Translating Relational Sentences in First-order Language,
Construction of Formal Proof of Derivation of Arguments involving Relational
Propositions

Suggested Readings:

1. Copi, I. M., *Symbolic Logic*, Fifth Edition, Prentice-Hall
2. Eberle, Ralph A., 1996, *Logic and Proof Techniques*

Core Course - IV: Indian Metaphysics *Prameyaśāstra*

(Module – 7)

1. Theory of Causation and Creation: Nyāya, Vaiśeṣika, Sāṃkhya, Advaita Vedānta
2. Self: Nature, Classification and Existence: Nyāya, Vedānta, Bauddha
3. Debates among Nyāya, Bauddha, Mīmāṃsā on the following issues:
Avayava-avayavi , tamah as a separate Substance
4. Debates among Nyāya and Bauddha on the nature of Universal

Suggested Readings:

1. Visvanāth, *Bhāṣā Paricched* with *Siddhāntamuktavali* ed. by Panchanan Shastri
2. Kesava Misra, *Tarka Bhāṣā*, ed. by Prahladacar
3. Kesava Misra, , *Tarka Bhāṣā* ed. by Gangadhar Kar, Mahabodhi
4. Phanibhusan Tarkavagisa, *Nyāya Darśan*(*Nyāyasutra* with *Vātsāyana Bhāṣya*) W.B.State
Book Board
5. Udayanācārya, *Kiraṇāvalī*, ed. by Gourinath Shastri, W.B.State Book Board

6. Udayanācārya, *Ātmatattvaviveka* ed. by Dinanath Tripathy, Sanskrit College
7. Praśastapādācārya, *Praśastapādabhāṣya* with *Nyāyakandalī tīkā*, Sanskrita Pustak Bhandar
8. Vācaspati Mīśra, *Sāmkhyatattvakaumudī* ed. by Narayan Chandra Goswami, Sanskrita Pustak Bhandar
9. Bidhubhusan Bhattacharya, *Samkhya Darsaner Vivaran*
10. Dharmaraja Adhvarindra, *Vedānta Paribhāṣā*, ed. by Panchanan Shastri
11. Sadanandayogindra, *Vedāntasārah*, ed. by Loknath Chakrabarti, W.B.State Book Board
12. Gopinath Bhattacharya, *Essays in Analytic Philosophy*
13. P.K.Mukhopadhyay, *Indian Realism: A Descriptive Metaphysics*, K.P.Bagchi

Core Course - V: Western Metaphysics

(Module – 8)

1. Nature of Metaphysics – Descriptive Metaphysics and Revisionary Metaphysics
2. The Problem of Universal: Realism and Nominalism
3. Substance and Attributes: Substratum and Bundle Theories
4. Problem of Time
5. Change and Problem of Identity
6. Challenges to Realism – Internal Realism (Putnam), Anti-realism (Dummett)

Suggested Readings:

1. Chakraborty, Sadhan, *Realism and its Alternatives*,
2. Dummett, M. A. E., 1975, “The Philosophical Basis of Intuitionistic Logic”, in *Truth and Other Enigmas*, Cambridge, Harvard : Duckworth
3. Dummett, M. A. E., 1991, *The Logical Basis of Metaphysics*, Harvard University Press

4. Gupta, Chanda, *Realism versus Realism*
5. Loux, M. J. (ed.), 2006, *Metaphysics: a Contemporary Introduction*, New York and London: Routledge
6. Lowe, E. J., 2002, *A Survey Of Metaphysics*, Oxford University Press
7. Putnam, Hilary, *Many Faces of Realism*
8. Strawson, P. F., 1959, *Individuals: An Essay in Descriptive Metaphysics*, Routledge
9. Swinburne, Richard, 1968, *Space and Time*, Palgrave Macmillan

Core Course - VI: Indian Epistemology (*Pramāṇasāstra*) II

(Module - 9)

1. *Prāmānyavāda*: Nyāya, Mīmāṃsā, Bauddha
2. *Khyātivāda*: Nyāya, Mīmāṃsā, Advaita Vedānta

Suggested Readings:

1. Yogendranath Bagchi, *Prāchin Nyāya O Prāchin Mimāmsā sammata Prāmānyavāda*
2. Visvanath, *Bhāṣā Pariccheda with Siddhāntamuktāvali*, ed. by Panchanan Shastri
3. Kesava Misra, *Tarkabhāṣā*, ed. by Gangadhar Kar
4. Gangesa, *Tattvacintāmani*, ed. by Brahmachari Medhachaitanya
5. Sadanandayogindra, *Vedāntasarah*, ed. by Loknath Chakrabarti
6. Dharmakīrti, *Nyāyabindu*
7. Nārāyana Bhatta, *Mānomeyadaya*, Sanskrit College
8. Biswabandhu Bhattacharya, *Anyathākhyātivāda*
9. J.N. Mohanty, *Gangesa's Theory of Truth*, ICPR
10. Sukha Ranjan Saha, *Meaning, Truth and Prediction*, J.U. Pub.
11. Stcherbatsky, *Buddhist Logic*,

Semester III

Core Course - VII: Moral Issues in Indian Philosophy

(Module - 13)

1. General Concepts of *Puruṣārtha*
2. Dharma: Mīmāṃsā, *Gītā*, *Manusamhitā*
3. Concept of Karma: *Gītā*, Yoga darśan, Bauddha
4. Concept of Dukkha: Nyāya, Sāṃkhya, Bauddha
5. Concept of Mokṣa: Nyāya, Sāṃkhya, Bauddha

Suggested Readings:

1. S. K. Moitra, *Hindu Ethics*
2. Purusottama Bilimoria, *Indian Ethics*
3. Bimal Krishna Motilal, *Ethics And Epics*, Oxford
4. Bimal Krishna Motilal, *Niti, Yukti O dharma*
5. Amita Chatterjee , *Bharatiya Dharmaniti*
6. Indrani Sanyal, *Shruti, Niti O Dharma*
7. Arindam Chakrabarti, *Mananer Madhu*
8. Loknath Chakrabarti, *Chaoyar Chaturmukh*, Abhijan Pub.
9. Sarbani Banerjee, *Prasanga Purusartha*, Rabindra Bharati University
10. Bhutanath Saptatirtha, *Mimamsa Darsan*
11. Manabendu Bhattacharya, *Manusamhitā*, Sanskrita Pustak Bhandar
12. *Gita* with Madhusudana, *s Gurarthadipika*
13. Vachaspati Mishra, *Sāṃkhyatattvakaumudi*, Sanskrita Pustak Bhandar
14. Hariharananda, *Patanjal Yoga Darsan*
15. *Mīmāṃsā Sutra* with Śābara *Bhāṣya*
16. Sukhamay Bhattacharya, *Purva Mimamsa Darsan*
17. Laugaksibhaskar, *Artha Samgraha*
18. T. Stcherbatsky, *The Conception of Buddhist Nirvana*
19. Sukomol Chowdhury, *Bauddha Dharma O Darsan*

Core Course: VIII: Western Ethics

Module: 14

- I. Kant's *Groundwork of the Metaphysic of Morals* (select portions)
- II. Mill's *Utilitarianism* (select portion)
- III. Rawls's *A Theory of Justice* (select portion)
- IV. Virtue Ethics
- V. Intuitionist Ethics

Suggested Readings:

1. Crisp, Roger and Stole Michael (eds.), (1997), *Virtue Ethics*, Oxford University Press, Edinburgh
2. Mill, J. S. (1998), *Utilitarianism*, ed. Roger Crisp, Oxford University Press,
3. Paton, H.J. (1948), *Groundwork of the Metaphysic of Morals*, Hutchinson
4. Statman, Daniel (ed.), (1997), *Virtue Ethics: A Critical Reader*, Edinburgh University Press, Edinburgh

Core Course - IX: Research Methods

(Module - 15)

Group – A (Research Methodology)

1. Research Methodology: its Nature
2. Kinds of Research
3. Qualitative and Quantitative Method
4. Defining the Research Problem
5. Bibliography: MLA and APA Formats; Chicago Manual
6. Punctuation, Proof-reading, Diacritical Marks

7. Plagiarism - Paraphrasing some Text and Quoting some Text, Abbreviation
8. Ethical Values of a Research and Moral Responsibilities of a Researcher

Suggested Reading:

1. Anderson, Durston, Poole, *Thesis and Assignment Writing*
2. Blaike, Norman, *Approaches to Social Enquiry*
3. Comstock, Gary, *Research Ethics: A Philosophical Guide to the Responsible Conduct of Research*
4. Whitney, F. L., *The Elements of Research*

Group-B (Methods in Philosophy)

Any one of the following parts:

Part-I

1. *Kathā* (vāda, vitandā, jalpa: Nyāya)
2. *Prasnga*(Bauddha)
3. *SandhāyaSambhāṣa*(CarakSmhitā)

Suggested Readings:

1. Phanibhusan Tarkavagisa, *Nyāya Darśan*
2. Dharmakīrti, *Vādanyāya*
3. P.L.Roy and H.N.Gupta, *Carak-Samhitā*
4. Ratna Dutta Sharma, *Nigrahasthāna*
5. Arindam Chakrabarti, *Mananer Madhu*

Part- II

1. Socratic Method of Enquiry
2. Language Analysis as a Method
3. Dialectic Method
4. Method of Transcendental Argument
5. Thought Experiment as a Method of Philosophical Research

Semester IV

Core Course - X: Indian Logic

(Module - 16)

1. *Sad hetu*: Nyāya, Bauddha, Jaina
2. *Hetvābhaāsa*: Nyāya, Bauddha, Jaina
3. *Vyāpti*: Nyāya, Bauddha, Jaina
4. *Pakṣatā*: Nyāya

Suggested Readings:

1. Visvanath, *Bhāṣā Pariccheda* with *Siddhāntamuktāvali*
2. Annambhatta, *Tarka Samgraha*
3. Dharmakīrti, *Nyāyabindu*
4. Moksakar Gupta, *Tarkabhāṣā*
5. Yasovijaya Suri, *Jaina Tarkabhāṣā*
6. B.K.Matilal, *Character of Logic in India*
7. S.N.Ramanujatatacarya, *Pakṣatā*
8. Kesava Misra, *Tarkabhāṣā*, ed.by Gangadhar Kar
9. Biswabandhu Bhattacharya, *Anumāna-Cintāmani*

Core Course - XI: Modern Indian Thought

(Module -17) Any two

1. Gopinath Kaviraj : Aspects of Indian Thought
2. Anirvan: Exposition on *Kenopanisad*
3. Brahmharshi Satyadeva: An Interpretation of *Īsoponiṣad*
4. Rabindranath Tagore: Man And Religion
5. Radhakrishnan: Science And Religion
6. Gandhi: Social Justice
7. Ambedkar: Caste System

Suggested Readings:

1. Gopinath Kaviraj, *Aspects of Indian Thought*
2. Gopinath Kaviraj, *Selected Writings*
3. Gopinath Kaviraj, *Svasamvedan*
4. *Akhanda Mahayoger Pathe*
5. Anirvan, *Vedamimāmsā*
6. Anirvan, *Upanisad Prasanga*
7. Satyadeva, *Īsoponiṣad*
8. Nikhilesh Bandyopadhyay, *Bingsho Shatabdir Bharatiya Darsan*, Sandesh
9. Sayed Abdul Maksud, *Rabindranather Dharmatattva O Darsan*, Prathama Prakasan
10. Rabindranath, *Dharma*, Viswa-Bharati

11. Rabindranath, *Manuser Dharma*, Viswa-Bharati
12. Rabindranath Tagore, *The Religion of Man*
13. Radhakrishnan, *An Idealist View of Life*
14. Pannalal Dasgupta, *Gandhi Gabesana*, Progressive Pub.
15. D.M.Dutta, *The Philosophy of Mahatma Gandh*, Calcutta University
16. Christophe Jaffrelot, *Dr. Ambedkar And Untouchability*
17. B.K.Lal, *Contemporary Indian Philosophy*, Motilal Banarasidass
18. Sebanti Bhattacharya, *Adhunik Bharatiya Darsan*, Ebang Mushayara

For optional courses **II & III** in **semester I**, candidates can choose any **two courses** from the following courses:

Semester I

Module V & Module VI

Course 1: Philosophical Logic

1. Issues in Philosophical Logic: a Brief Introduction
2. Problem of Entailment
3. Classical Logic and Realism
4. Truth as a Semantic Notion
5. Meaning of Logical Constants
6. Justification of Deduction

Suggested Reading:

1. Belnap, D., 1962, "Tonk, Plonk and Plink", *Analysis*, Vol. 22; reprinted in P. F. Strawson (ed.) *Philosophical Logic*, Oxford University Press, 1967
2. Dummett, M. A. E., 1978, "The Justification of Deduction", in *Truth and Other Enigmas*, London: Duckworth
3. Prior, A. N., 1960, "The Runabout Inference Ticket", *Analysis*, Vol. 21; reprinted in P. F. Strawson (ed.) , *Philosophical Logic*, Oxford University Press, 1967
4. Sen, Pranab Kumar, 1980, "The Problem of Entailment", in *Logic , Induction and Ontology*, New Delhi: Macmillan
5. Strawson, P. F., 1952, *Introduction to Logical Theory*, Routledge, 2011
6. Strawson, P. F. (ed.), 1967, *Philosophical Logic*, Oxford, New York, Toronto: Oxford University Press
7. Tarski, Alfred, 1944, "The Semantic Conception of Truth and the Foundations of Semantics", *Philosophy and Phenomenological Research*, Vol. 4, no. 3; reprinted in Blackburn and Simmons (eds.), *Truth*, Oxford: Oxford University Press

Course 2: Basics of Informal Set Theory

1. Logic and Set Theory
2. Set and Set Membership, the Principle of Extensionality for Sets, Relation of Subset; Empty Set and the Universe
3. Operations on Sets – Intersection, Union, Difference (Complement); Principles involving Operations
4. Translating Sentences in ordinary Language into Set-theoretic Notations
5. Venn Diagram Method and its Application
6. Relations and Properties of Relations
7. Functions

Suggested Readings:

1. Lipschutz, S., 1981, *Set Theory and Related Topics*, Schaum Series, Mc-Grawhill International Book Company, Asian Student Edition
2. Stoll, Robert R., 1963, *Set Theory and Logic*, San Fransisco and London: W. H. Freeman and Company;
3. Suppes, Patrick, 1999, *Introduction to Logic*, Part II – Intuitive Set Theory, Dover Publications Inc.
4. Das, Ramaprasad, *Juktibaijnanik Paddhati*, Kolkata: Paschimbanga Rajya Pustak Parsad

Course 3: Philosophy of Peace Studies

1. Significance of Peace Studies – Meanings of Peace, Peace Movements, Meanings of War
2. Ideological Conflicts – Patriotism and Terrorism
3. Disarmament
4. Pugwash Movement and Russell-Einstein Manifesto
5. Peace and Harmony in Early India
6. Gandhi and the Theory of Non-violence

Suggested Readings:

1. David P. Barash and Charles P. Webel, 2002, *Peace and Conflict Studies*, Sage Publications
2. Louis Fischer (Ed.), 1962, *The Essential Gandhi*, Random House, NY: Vintage Books
3. Martin Luther King Jr., 1963, *Why We Can't wait*, New York: Penguin Books
4. Robert J. Furey, 1996, *Called by Name: Discovering Your Unique Purpose in Life* ('Callings', 13 - 41), New York: Crossword Publishing Co.
5. Wilkie Au, 1989, *By Way of the Heart* ('Heart Searching and Life Choice', 57 – 84), New York: Paulist Press

Internet Resources:

1. *Justice in the world* , Synod of Catholic Bishops, 1971; <http://www.osjspm.org/cst/jw/htm>
2. *The Challenge of Peace*, a Pastoral Letter on War and Peace by the USA Conference on Catholic Bishops, 1983; <http://www.osjspm.org/cst/cp.htm>

Course 4: Feminist Philosophy

1. Gender and Sex from the Feminist Perspective
2. An Overview of different Feminist Theories and Feminist Movement
3. Challenging Some Traditional Philosophical Concepts -
 - i. Feminist Epistemology: Critique of the notions of 'rationality' and 'objectivity' – Standpoint Epistemology
 - ii. Feminist Ethics – Critique of Traditional Perspectives on Morality and Care-focused Feminist Approaches to Ethics
 - iii. Feminist Logic – Critique of Classical Logic and Some Binaries in Classical Logic

Suggested Readings:

1. Fricker, M. and J. Hornsby (eds.), 2000, *The Cambridge Companion to Feminism in Philosophy*, Cambridge University Press
2. Harding, Sandra, 1998, 'Is There a Feminist Method?', in *Feminisms*, Oxford Reader, Oxford University Press
3. Jaggar, A. M. and I. M. Young (eds.), 2000, *A Companion to Feminist Philosophy*, Blackwell
4. Kiss, Elizabeth, 2000, *A Companion to Feminist Philosophy*, Blackwell
5. Longino, Helen, 1990, *Science as Social Knowledge: Values and Objectivity in Scientific Enquiry*, Princeton NJ: Princeton University Press
6. Squires, Judith and Sandra Kemp, 1998, *Feminisms*, Oxford Reader, Oxford University Press

7. Tronto, Joan, 2007, *Feminist Theory: A Philosophical Anthology*, Blackwell

Course 5: Environmental Ethics

- I. Environmental Issues in India
 - (i) Ancient view
 - (ii) Buddha view
 - (iii) Jaina view
 - (iv) Contemporary view

Suggested Readings:

1. Cooper, David E., James, Simon P, 2017, *Buddhism, Virtue and Environment*, Routledge
2. James, George Alfred, 1999, *Ethical Perspectives on Environmental Issues in India*, A. P. H. Pub. Co.
3. Sharma, I.C, 1965, *Ethical Philosophies of India*, New York, Harper and Row
4. Shaw, Julia, 2016, 'Religion, 'nature' and environmental ethics in ancient India: archaeologies of human:non-human suffering and well-being in early Buddhist and Hindu contexts' *World Archaeology*, Vol.48

- II. Environmental Issues in the West
 - (i) Sentience and the Scope of Environmental Ethics
 - (ii) Anthropocentrism
 - (iii) Biocentrism – Reverence for Life
 - (iv) Eco-centrism – Land Ethics : Deep and Shallow Ecology
 - (v) Ecofeminism

Suggested Readings:

1. Berman, Bob, Lanza, Robert, 2010, *Biocentrism*, Benbella Books
2. Eckersley, Robyn, 1992, *Environmentalism and Political Theory: Toward an Ecocentric Approach*, State University of New York Press
3. Erkal, Nisvan, Warren, J. Karen, 1997, *Ecofeminism: Women, Culture, Nature*, Indiana University Press
4. Gardiner, S. M. and Thomson, Allen, ed. 2017, *Anthropocentrism: Humanity as Peril and Promise*, Oxford University Press
5. Jardins, Joseph R. Des, 2013, *Environmental Ethics*, Wadsworth

For optional courses **V & VI** in **semester II**, candidates can choose any two courses from the following courses:

Semester II

Module XI & Module XII

Course-1: Continental Philosophy 1: Phenomenology

1. Phenomenology as a radical method of investigation, as a presuppositionless philosophy and as a rigorous science; science of essence as distinguished from science of facts.
2. Different stages of development of Husserl's Phenomenology; critique of psychologism, and pure logic.
3. The phenomenological method: phenomenological reduction and its stages; essence and essential intuition.
4. Intentionality and the structure of consciousness (noesis and noema); functional analysis of consciousness; the transcendental ego.
5. The Lifeworld and intersubjectivity

Suggested readings:

1. Edmund Husserl, *Ideas* I, §§1–16, 27–34; §§84–91, 97–99, 128–139; *Ideas* II, §§1–8, 49–51; §§12–18, 35–42;
2. Edmund Husserl, *Logical Investigations*, inv. 1, §§ 1–16, 30–35; inv. 5, §§1–6, 9–14, 16–21.
3. Edmund Husserl, *Cartesian Meditations*, §§17–22;
4. R. Sokolowski. 2000. *Introduction to Phenomenology*, Cambridge University press.
5. J. N. Mohanty. 1997. *Phenomenology: Between Essentialism and Transcendental Philosophy*, Northwestern University Press.
6. J. N. Mohanty. 2008. *The Phenomenology of Edmund Husserl: A historical Development*, Yale University Press.

Course-2: Continental Philosophy 2: Existentialism

1. Historical introduction: existentialism as a critique of traditional western philosophy.
2. Existentialism: its distinctive characteristics and some recurring themes (human existence; anxiety, freedom; authentic and inauthentic existence, death).
3. Kierkegaard: revolt against rationalism; notion of existence; truth as subjectivity; freedom and subjectivity; aesthetical, ethical and religious spheres
4. Heidegger: analysis of Dasein; concept of being in the world: care, conscience and authenticity.
5. Sartre: The distinction between being-for-itself and being-in-itself; being-for-others consciousness as nothingness; facticity, freedom and responsibility; bad faith and its different patterns.

Suggested Readings:

1. F. Coplestone. 1965. *Contemporary Philosophy: Studies of Logical Positivism and Existentialism*, London, Burns & Oates.
2. D. Cooper, 1990. *Existentialism: A Reconstruction*, Basil Blackwell.
3. Charles Guignon and Derk Pereboom (eds.) 2001. *Existentialism: Basic Writings*, Hackett Publishing and Company.
4. Frederick A Olafson. 1995, *What is A Human Being? A Heideggerian View*, Cambridge University Press.
5. Hubert Dreyfus. *Being In The World: A Commentary on Division One of Being and Time*.
6. Merold Westphal. 1987, *Kierkegaard's Critique of Reason and Society*. University Park, PA: The Penn State University Press.
7. Søren Kierkegaard. 1983. *Fear and Trembling / Repetition*. Trans. Howard V. Hong and Edna H. Hong. Princeton, NJ: Princeton University Press, 1983.
8. D. F. Swenson: *Kierkegaard's Concluding Unscientific Postscript*, Princeton University Press.

Course-3: Reading Indian Classical Texts

Any two from the following texts:

1. *Nyāyamanjarī* (select portion)
2. *Chāndogyopaniṣad* (sixth chapter)
3. *Sambadhya-parikṣā* of Dharmakīrti
4. *Padārthadharmasangraha of Praśastapāda*
5. *Samkhyatattvakaumudī*

Course-4: Reading Western Classical Texts

- I. Plato, *Republic*
- II. St. Augustine, *Confessions*
- III. Descartes, *Meditations*
- IV. Hume, *An Enquiry Concerning Human Understanding*
- V. Russell, *The Problems of Philosophy*

Course-5: Comparative Studies of Philosophical Issues

Any Four Topics from the following:

- I. Arindam Chakrabarti: 'Mrigatishnika' *Manan Madhu*
- II. B.K. Matilal: 'Knowledge: Ryle, Praśastapāda and Plato', *Perception*
- III. Gopinath Bhattacharya: 'The Category of Negation', *Essays in Analytical Philosophy*
- IV. J. N. Mohanty: 'Buddhism and Phenomenology', *Explorations in Philosophy: Essays by J. N. Mohanty*
- V. Jonardan Ganeri: 'Nyāya Modes, Fregean Senses and Discriminatory Capacities', *Artha: Meaning*
- VI. Kali Krishna Banerjee: 'Wittgenstein versus Naiyāyika'; 'Navya-Nyāa and Ordinary Language' *Language, Knowledge and Ontology*
- VII. Kalidas Bhattacharya: 'An Idea of Comparative Indian Philosophy', *Mind, Language and Necessity*

In semester III and IV candidates can choose any one group of courses from the choice given below as optional courses

Group-A (Nyāya)

Optional Course VII: Nyāya Metaphysics

(Module 16)

1. Ātma-Parikṣā (Nyāyasutra with Vātsāyanabhāṣya (3/1/1-3/1/26)
2. Śarira-Parikṣā (Nyāyasutra with Vātsāyanabhāṣya (3/1/27-3/1/30)
3. Indriya-Parikṣā (Nyāyasutra with Vātsāyanabhāṣya (3/1/32-3/1/53)
4. Mana-Parikṣā (3/1/58-3/1/59)
5. Arguments for proving the existing of God (Nyāyakusumanjalī,(Stavak V)

Suggested Readings:

1. Phanibhusan Tarkavagisa, *Nyāya Darśan*
2. Udayanācārya, *Nyāyakusumanjalī*
3. Phanibhusan Tarkavagisa, *Nyāya Parichaya*
4. Kalikrishna Bandyopadhyay, *Nyāyatattva Parikramā*

Optional Course VIII: Nyāya Epistemology

(Module 17)

1. Pramāṇa and Prāmāṇya: A general understanding (Nyāyasutra with Vātsāyana Bhāṣya 1/1/1,2/1/8-2/1/20)
2. Pratyakṣa-Parikṣā (Nyāyasutra with Vātsāyana Bhāṣya 1/1/4,2/1/22-2/1/32)
3. Anumāna-Parikṣā (Nyāyasutra with Vātsāyana Bhāṣya 1/1/5, 2/1/37-2/1/43)
4. Upamāna-Parikṣā (Nyāyasutra with Vātsāyana Bhāṣya 1/1/6,2/1/44-2/1/51)
5. Concept of Pramātva: Gangesa's *Tattvacintāmani*

Suggested Readings:

1. Phanibhusan Tarkavagisa, *Nyāya Darśan*
2. Gangeśa, *Tattvacintāmani*(prāmāṇyavāda)
3. Brahmācari Medhachaitanya anudita *Tattvacintāmani*
4. J.N. Mohanty, *Gangeśa's Theory of Truth*

Optional Course IX: Nyāya Logic

(Module 18)

1. Definition Vyāpti: *Vyāptipancakam* of Gangesopadhyāya with Mathuri Tika

Suggested Readings:

1. Gangeśa, *Vyāptipancaka* ed.by Rajendranath Ghosh
2. Gangeśa, *Vyāptipancaka* ed.& trans. by Gangadhar Kar

Optional Course X: Nyāya Theory of Language

(Module 19)

1. Pada and Vākya: Definition and Classification
2. Śābdabodha Prakriyā
3. Conditions for Śābdabodha: *ākāṅkṣā, yogyatā, sannidhi*
4. Śabda pramāṇa: Reductionism
5. Vyutpattivāda (selections)

Suggested Readings:

1. Visvanāth, *Bhāṣā Pariccheda* with *Siddhāntamuktavali*
2. Phanibhusan Tarkavagisa, *Nyāya Darśan*
3. Udayanācārya, *Nyāyakusumanjali*
4. Gadādhara, *Vyutpattivāda*
5. Gangadhar Kar, *Sabdārtha Samikṣā*
6. B.K. Motilal. *Word and the World*

Optional Course XI: Nyāya: Ethical Issues

(Module 22)

1. *Pravrtti-Parīkṣā*
2. *Doṣa-Parīkṣā*
3. *Duhkha-Parīkṣā*
4. *Pretyābhāva*
5. *Apavarga*

Suggested Readings:

1. Phanibhusan Tarkavagisa, *Nyāya Darśan*, Chaturtha Khand
2. Phanibhusan Tarkavagisa, *Nyāya Parichay*
3. Purusattom Bilimoria, *Indian Ethics*

Group-B (Vedānta)

Optional Course VII: Śankara's Kevalādvaitavāda

(Module 16)

1. Nature of Brahman
2. Trividha Sattā
3. Nature of Ajñāna or māyā
4. Relation between Brahman and jīva-jagat
5. Concept of mukti

Suggested Readings:

1. *Śankar-Bhāṣya* on *Brahma-sutra* ed. by M. Durgacharan SāmkhyaVedāntaTirtha
2. Sadanandayogindra, *Vedāntasārah* ed.by Loknath Chakrabarti
3. Chidghanananda sampadita *Vedānta Darśan*

Optional Course VIII: Rāmānuja's Viśistādvaitavāda

(Module 17)

1. Nature of Brahman
2. Refutation of doctrine of māyā

3. Relation between Brahman and jīva-jagat
4. Pariṇāmavāda
5. Concept of mukti

Suggested Reading:

Śri-Bhāṣya on Brahma-sutra ed. by M. Durgacharan SamkhyaVedantaTirtha

Optional Course IX: Bhāskarācārya's Anupādhikabhedābheda

(Module 18)

1. Nature of Brahman
2. Relation between Brahman and jīva-jagat
3. Concept of upādhi
4. Concept of śakti
5. Concept of mukti

Suggested Readings:

1. *Śāriraka-Mimāmsā Bhāṣya on Brahma-sutra* ed. By Pt. Vindheswari Dvivedin

Optional Course X: Baladeva's Acintabhedābheda

(Module 21)

1. Nature of Brahman
2. Attributes of Brahman
3. Trividha śakti
4. Bhakti: Nature and kinds
5. Five kinds of mukti

Suggested Readings:

1. *Govinda-Bhāṣya on Brahma-sutra* ed. By Shyamlal Goswami

Optional Course XI: Some Modern Interpretations of Vedānta

1. *Śakti-bhāṣya* of Pancanan Tarka Ratna
2. Spiritual Exposition of the Fundamental *Śakti* text *Śri Śri Candi: Sādhansamar* of Brahmarṣi Satyadeva

3. *Omkar-bhāṣya* of Sitaramdas Omkarnath
4. Practical Vedanta of Vivekananda
5. *Purnadvaitavāda* of Aurobinda
6. Studies in Vedantism of K.C. Bhattacharya

Suggested Readings:

1. *Chandi-bhāṣya* on Brahma-sutra
2. *Brahmanusandhān* of Sitaramdas Omkarnath
3. *Nadamrta lahari* of Sitaramdas Omkarnath
4. *Amritabindu* of Sitaramdas Omkarnath
5. *Vani O Rachana* of Vivekananda
6. *Life-Devine* of Aurobindo
7. *Studies in Philosophy*ed. By Gopinath Bhattacharya
8. *Sādhansamar* of Brahmarṣi Satyadeva

Optional Course – VII: Philosophy of Language - I (Semantics)

Module – 1

1. Meaning and Reference
 - (i) Semantic Internalism vs. Semantic Externalism
 - (ii) Problem of Reference – Frege’s Theory of Sense and Reference, Russell’s Theory of Descriptions, Strawson’s Theory of Meaning- Reference-Truth-value, Kripke’s Direct Referential Theory of Ordinary Names, Kripke’s and Putnam’s Causal-historical Theory of Names
2. Theories of Meaning
 - (i) Verification Theory of Meaning (Ayer)
 - (ii) Use Theory of Meaning (Wittgenstein)
 - (iii) Truth-condition Theory of Meaning (Davidson)
 - (iv) Dummett’s objection to Davidson’s Theory
3. Indeterminacy of Translation (Quine)

Suggested Readings:

1. Ammerman, R. R. (ed.), 1990, *Classics of Analytic Philosophy*, Hackett Publishing
2. Ayer, A. J., 1936, *Language, Truth, and Logic*, Penguin Books, 1990.
3. Backer, G. P., and P. M. S. Hacker, 2005, *Wittgenstein: Understanding and Meaning, Vol. I of an Analytical Commentary on the Philosophical Investigations*, (revised second edition) Oxford: Blackwell
4. Backer, G. P., and P. M. S. Hacker, 2009, *Wittgenstein: Rules, Grammar and Necessity, Vol. II of an Analytical Commentary on the Philosophical Investigations*, (revised second edition) Oxford: Blackwell
5. Davidson, D., 2003, *Inquiries into Truth and Interpretation*, Oxford University Press
6. Dummett, M., 1993, *Frege: Philosophy of Language*, Harvard University Press
7. Dummett, M., 1987, *The Interpretation of Frege's Philosophy of Language*, Harvard University Press
8. Dummett, M., 1996, *Origins of Analytical Philosophy*, Harvard University Press
9. Elbourne, P., 2013, *Definite Descriptions*, Oxford: Oxford University Press
10. Evans, Gareth, 1982, *The Varieties of Reference*
11. Frege, G., 1892, 'On Sense and Reference', in Geach and Black (eds.), *Translations from the Philosophical Writings of Gottlob Frege*, Basil Blackwell, Oxford, 1952
12. Kripke, Saul, 1981, *Naming and Necessity*, Harvard University Press, Blackwell
13. Kripke, Saul, 1982, *Wittgenstein on Rules and Private Language: An Elementary Exposition*, Oxford, Blackwell
14. Ludlow, Peter (ed.), 1991, *Readings in the Philosophy of Language*, Massachusetts: MIT Press
15. Lycan, William, 2000, *Philosophy of Language: A Contemporary Introduction*, Routledge
16. Lepore, E. and Barry, C. Smith (eds.), 2008, *The Oxford Handbook of Philosophy of Language*
17. Neale, Stephen, 1990, *Descriptions*, Cambridge, MA: MIT Books
18. Munitz, M. K., 1981, *Contemporary Analytic Philosophy*, Pearson College Div.
19. Noonan, H., 2002, *Frege: A Critical Introduction*, Polity
20. Putnam, Hillary, 1975, *Mind, Language, and Reality*, Philosophical Papers, Vol. 2, Cambridge: Cambridge University Press
21. Quine, W. V. O., 1951, 'Two Dogmas of Empiricism', reprinted, in W. V. Quine, *From a Logical Point of View*, Harvard University Press, 1953
22. Quine, W. V. O., 1960, *Word and Object*, Cambridge MA: MIT Press
23. Reimer, M. and Bezuidenhout, Anne, 2004, *Descriptions and Beyond*, Oxford: Oxford University Press
24. Russell, Bertrand, 1905, 'On Denoting', *Mind*; reprinted in R. C. Marsh (ed.), *Logic and Knowledge*

25. Russell, Bertrand, 1919, 'Descriptions', in Bertrand Russell, *Introduction to Mathematical Philosophy*, London: George Allen & Unwin Ltd.
26. Strawson, P. F., 1955, 'On Referering', in R. R. Ammerman (Ed.), *Classics of Analytic Philosophy*.
27. Whiting, Daniel (ed.), *The Later Wittgenstein on Language*, Palgrave, Macmillan
28. Wittgenstein, L., 1953, *Philosophical Investigations*, Oxford: Blackwell

Optional Course – VIII: Philosophy of Language – II (Syntax)

Module – 17

1. Chomsky's Theory of Syntactic Structure in Language
 - (i) Transformational Generative Grammar
 - (ii) Innateness Hypothesis
 - (iii) Universal Grammar

Suggested Readings:

1. Chomsky, N., 1969, *Aspects of the Theory of Syntax*, Massachusetts: MIT Press
2. Chomsky, N., 1975, *Reflections on Language*, Pantheon Books
3. Chomsky, N. 1978, *Topics in the Theory of Generative Grammar*, De Gruyter Mouton
4. Chomsky, N., 2000, *New Horizons in the Study of Language and Mind*, Cambridge University Press
5. Lyons, J., 2008, *Chomsky*, USA: Fontana Press
6. Searle, J. (ed.), *Oxford Readings in Philosophy of Language*

Optional Course –IX: Philosophy of Language –III (Pragmatics)

(Module 18)

1. Language, Communication and Context
2. Peirce's Pragmatic Theory of Meaning
3. Speech Act Theory –
 - (i) Austin's Theory
 - (ii) Searle's Theory
4. Speaker's Meaning and Sentence Meaning; Conventional Implicature and Conversational Implicature – Paul Grice

Suggested Readings:

1. Austin, J. L., 1952, *How to Do Things with Words*; second edition, J. O. Urmson, 1975
2. Cole, P. (ed.), 1978, *Syntax and Semantics: Pragmatics*, Vol. 9, Academic Press, The University of California
3. Cole, P. (ed.), 1981, *Radical Pragmatics*, New York: Academic Press
4. Davis, Wayne, 1998, *Impicature: Intention, Convention and Principle in the Failure of Gricean Theory*, Cambridge: Cambridge University Press
5. Grice, Paul, 1989, *Studies in the Way of Words*, Cambridge MA: Harvard University Press
6. Peirce, C. S., 1992, *The Essential Peirce*, Vol. 2, The Peirce Edition Project, Indiana University Press
7. Petrus, K. (ed.), 2010, *Meaning and Analysis: New Essays on Grice*, Hampshire, England: Palgrave Studies in Pragmatics, Language and Cognition
8. Searle, J., 1970, *Speech Acts: An Essay in the Philosophy of Language*, Cambridge university Press

Optional Course X: Indian Philosophy of Language

(Module 21)

1. Word and Sentence : Nyāya, Mimāmsā, Śābdika
2. Śabda as an independent pramāṇa: Nyāya, Mimāmsā
3. Theory of sentence-meaning: Mimāmsā, Nyāya
4. Theory of *Sphota*

Suggested Reading:

1. Visvanāth, *Bhāṣā Paricched* with *Siddhāntamuktāvalī*
2. Phanibhusan Tarkavagisa, *Nyāya Darśan*
3. Patanjali, *Mahābhāṣya*
4. Jaimini, *Mimāmsā-sutra* with Śabarabhāṣya
5. Yogendranath Bagchi, *Vākyārtha Nirupaner Ruprekha*
6. Gangadhar Kar, *Śabdārtha Sambandha Samikṣā*
7. D.N. Tiwary, *Bhartrihari's Philosophy*

Optional Course XI: Text Reading:

1. *Bṛhadaranyak*,
2. *Śabdaśaktiprakāśikā*,
3. *Vākyapadīya* (*Brahma-Kanda*) (selections)

Group- D (Philosophy of Science)

Optional Course VII: Early Modern Natural Philosophy (i.e., philosophy and science)

(Module 16)

1. Defining Renaissance Natural Philosophy
2. The onset of the scientific revolution: How and why did modern science emerge from its early modern roots?
3. Principles and Matter
4. Old Cosmologies and New Cosmologies

Suggested Readings:

1. Blum, R., 2010, *Philosophers of the Renaissance*, Washington: Catholic University of America Press.
2. Copenhaver, B., 1992, "Did Science Have a Renaissance?", *Isis*, 83: 387–407.
3. Copenhaver, B. and C.B. Schmitt, 1992, *A History of Western Philosophy, III: Renaissance Philosophy*, Oxford: Oxford University Press.
4. Cunningham, A., 1988, "Getting the Game Right: Some Plain Words on the Identity and Invention of Science", *Studies in History and Philosophy of Science*, 19: 365–389.
5. Gaukroger S., 2006, *The Emergence of a Scientific Culture. Science and the Shaping of Modernity, 1210–1685*, Oxford: Oxford University Press.
6. Hankins, J., (ed.), 2007, *The Cambridge Companion to Renaissance Philosophy*, Cambridge: Cambridge University Press.
7. Koyré, A., 1957, *From the Closed World to the Infinite Universe*, Baltimore: Johns Hopkins University Press.
8. Schmitt, C.B. and Q. Skinner (eds.), 1988, *The Cambridge History of Renaissance Philosophy*, Cambridge: Cambridge University Press.
9. Stillman, D., 1999, *Essays on Galileo and the History and Philosophy of Science*, Toronto: University of Toronto Press

Optional Course VIII: The Problem of Induction, Karl Popper and Falsificationism

(Module 17)

1. Karl Popper on the problem of Induction
2. Karl Popper on the problem of demarcation
3. Falsificationism

Suggested Readings:

1. Lakatos, I. (1974). 'Popper on Demarcation and Induction'. In Schilpp (1974), pp. 241–273. Reprinted as Chapter 1 of Lakatos (1978).
2. Miller, D. W. (1994). *Critical Rationalism. A Restatement and Defence*. Chicago and La Salle IL: Open Court.
3. Miller, D.W. (2006). *Out of Error. Further Essays on Critical Rationalism*. Aldershot and Burlington VT: Ashgate.
4. Miller, D.W. (2007a). 'The Objectives of Science'. *PhilosophiaScientiæ* 11, 1, pp. 21–43.
5. Miller, D.W. (2007b). 'Overcoming the Justificationist Addiction'. *Iranian Journal of Philosophical Investigations* 4, 11, pp. 167–182.
6. Musgrave, A. E. (2011). 'Popper and Hypothetico-Deductivism'. In D. M. Gabbay, S. Hartmann, & J. Woods, editors (2011), pp. 205–234. *Handbook of the History of Logic. Volume 10: Inductive Logic*. Amsterdam: Elsevier B. V.
7. Popper, K.R. (1959). *The Logic of Scientific Discovery*. Enlarged English translation of Popper (1934). London: Hutchinson Educational.
8. Popper, K.R. (1963). *Conjectures and Refutations. The Growth of Scientific Knowledge*. London: Routledge&Kegan Paul. 5th edition 1989.
9. Popper, K.R. (1979). *Objective Knowledge. An Evolutionary Approach*. Oxford: Oxford University Press. 2nd edition.

Optional Course IX: Thomas Kuhn and the idea of scientific revolutions

(Module 18)

1. The development of science
2. The concept of a paradigm
3. Scientific Change
4. Incommensurability and world change

Suggested Readings:

1. Kuhn, T.S. 1957, *The Copernican Revolution: Planetary Astronomy in the Development of Western Thought*, Cambridge Mass: Harvard University Press.
2. Kuhn, T.S. 1962/1970, *The Structure of Scientific Revolutions*, Chicago: University of Chicago Press (1970, 2nd edition, with postscript).
3. Kuhn, T.S. 1963, "The Function of Dogma in Scientific Research", in *Scientific Change*, A. Crombie (ed.), London: Heinemann: 347–69
4. Kuhn, T.S. 1977, *The Essential Tension. Selected Studies in Scientific Tradition and Change*, Chicago: University of Chicago Press.
5. Kuhn, T.S. 1970, "Reflections on my Critics", in *Criticism and the Growth of Knowledge*, I. Lakatos and A. Musgrave (eds.), London: Cambridge University Press: 231–78.

6. Kuhn, T.S. 1983a, “Commensurability, Comparability, Communicability”, *PSA 198: Proceedings of the 1982 Biennial Meeting of the Philosophy of Science Association*, edited by P. Asquith. and T. Nickles, East Lansing MI: Philosophy of Science Association: 669–88.
7. Kuhn, T.S. 1983b, “Rationality and Theory Choice”, *Journal of Philosophy* 80: 563–70.
8. Kuhn, T.S. 1987, “What are Scientific Revolutions?”, in *The Probabilistic Revolution* edited by L. Krüger, L. Daston, and M. Heidelberger, Cambridge: Cambridge University Press: 7-22.
9. Kuhn, T.S. 1993, “Afterwords” in *World Changes. Thomas Kuhn and the Nature of Science*, edited by P. Horwich, Cambridge MA: MIT Press: 311–41.
10. Hacking, I. (ed.), 1981, *Scientific Revolutions*, Oxford: Oxford University Press.
11. Hacking, I. (ed.), 1993, “Working in a new world: The taxonomic solution”, in Horwich 1993, 275–310.
12. Hoyningen-Huene, P., 1993, *Reconstructing Scientific Revolutions: Thomas S. Kuhn's Philosophy of Science*, Chicago: University of Chicago Press.
13. Hoyningen-Huene, P., 1990, “Kuhn's conception of incommensurability” *Studies in History and Philosophy of Science Part A*, 21: 481–92.
14. Lakatos, I. and Musgrave, A. (eds.), 1970, *Criticism and the Growth of Knowledge*, London: Cambridge University Press.

Optional Course X:Scientific realism and the problems of theory change

(Module 21)

1. What is scientific realism?
2. Considerations in favour of scientific realism.
3. Considerations against scientific realism.
4. Popper on theory change
5. Kuhn on theory change

Suggested Readings:

1. Achinstein, Peter, 2002, “Is There a Valid Experimental Argument for Scientific Realism?”, *Journal of Philosophy*, 99(9): 470–495. doi:10.2307/3655684
2. Alai, Mario, 2014, “Novel Predictions and the No Miracle Argument”, *Erkenntnis*, 79(2): 297–326. doi:10.1007/s10670-013-9495-7
3. Boyd, Richard N., 1989, “What Realism Implies and What it Does Not”, *Dialectica*, 43(1–2): 5–29. doi:10.1111/j.1746-8361.1989.tb00928.x

4. Hacking, Ian, 1982, "Experimentation and Scientific Realism", *Philosophical Topics*, 13(1): 71–87. doi:10.5840/philtopics19821314
5. —, 1983, *Representing and Intervening*, Cambridge: Cambridge University Press.
6. —, 1985, "Do We See Through a Microscope?", in Churchland & Hooker 1985: 132–152.
7. Horwich, Paul (ed.), 1993, *World Changes: Thomas Kuhn and the Nature of Science*, Cambridge, MA: MIT Press.
8. Hoyningen-Huene, Paul, 1993, *Reconstructing Scientific Revolutions: The Philosophy of Science of Thomas S. Kuhn*, Chicago: University of Chicago Press.
9. Kuhn, Thomas S., [1962] 1970, *The Structure of Scientific Revolutions*, Chicago: University of Chicago Press.
10. —, 1983, "Commensurability, Comparability, Communicability", *PSA: Proceedings of the Biennial Meeting*, 1982(2): 669–688.
11. —, 2000, *The Road Since Structure*, J. Conant & J. Haugeland (eds.), Chicago: University of Chicago Press
12. Popper, Karl R., 1972, *Conjectures and Refutations: The Growth of Knowledge*, 4th edition, London: Routledge & Kegan Paul.

Optional Course XI: Recent developments in contemporary philosophy of science

(Module 22)

1. Perspectives: Feminist
2. The distinction between science and technoscience
3. Epistemic strategies of science and technoscience
4. Critical Philosophical reflections on technoscientific practice

Suggested Readings:

1. Baird, Davis and Alfred Nordmann (1994) "Facts-Well-Put," *British Journal for the Philosophy of Science* 45, pp. 37-77
2. Hacking, Ian (1983) *Representing and Intervening*, New York: Cambridge University Press.
3. Harré, Rom (2003) "The Materiality of Instruments in a Metaphysics for Experiments," in H. Radder (ed.) *The Philosophy of Scientific Experimentation* (Pittsburgh: The University of Pittsburgh Press), pp. 19-38.
4. Latour, Bruno (1987) *Science in Action*, Cambridge: Harvard University Press.
5. Latour, Bruno (1993) *We Have Never Been Modern*, Cambridge: Harvard University Press.

6. Kourany, Janet A. (2003), "A Philosophy of Science for the Twenty-First Century", *Philosophy of Science* 70: 1–14
7. Keller and Longino eds. (1996) *Feminism and Science*, Oxford University Press,
8. Radder, Hans (ed.) (2003), *The Philosophy of Scientific Experimentation*. Pittsburgh: University of Pittsburgh Press.
9. Rouse, Joseph (2003), *How Scientific Practices Matter: Reclaiming Philosophical Naturalism*. Chicago: University of Chicago Press.

Group- E (Aesthetics)

Optional Course VII: Aesthetics Theories and Debates

(Module 16)

1. Aesthetics: Meaning and Significance
2. Form and Content
3. The Problem of Aesthetic Truth
4. Kinds of Aesthetic Qualities
5. Theory of Rasa

Suggested Readings:

1. Dr. Sadhan Kumar Bhattacharya, *Aristotler Poetics O Sahityatattva*, Dey Publishing
2. Hiren Chattopadhyay, *Sahityatattva Prachya O Prashattya*, Deys Publishing, Kolkata
3. Prabas Jiban Chaudhury, *Rabindranather Saundarya Darsan*, A. Mukherjee and Co.
4. Prabas Jiban Chaudhury, *Saundarya Darsan*, Visva-Bharati
5. R.G.Collingwood, *The Principles of Art*, Oxford University Press
6. S.N.Dasgupta, *Saundarya Tattva*, Chirayata Prakashan
7. S.K. Nandi, *An Enquiry into the Nature and Function of Art*, University of Calcutta
8. Sitanshu Roy, *Saundarya Darshan*, Subarnarekha, Kolkata
9. S.K.Saxena, *Aesthetics*, Sangit Natak Academy

Optional Course VIII: Different Art Forms

(Module 17)

1. Poetics: Aritotle

2. Dramatics: Bharata
3. Philosophy of Music: Beethoven
4. Philosophy of Fine Art: Abanindranath Tagore

Suggested Reading:

1. Adorno: Beethoven, *The philosophy of Music*
2. Dr.Sadhan Kumar Bhattacharya, *Aristotler Poetics O Kavyatattva*
3. Dr.Sadhan Kumar Bhattacharya, *Sangite Sundar*,Deys Publishing,Kolkata
4. Dr. Sukhen Biswas, *Nandatattve Prachya*, Deys Publishing
5. Prabas Jiban Chaudhury, *Studies in Aesthetics*, Rabindra Bharati,University
6. Durgashankar Mukhopadhyay, *Aristotler Kavyatattva*, Karuna Prakashani,Kolkata
7. S.K. Nandi, *Nandantattva*, W.B.State Book Board
8. Adya Rangacharya, *Introduction to Bharata's Natyashastra*, Munshiram Monoharlal
9. Aloknath Shastri, *Rasa O Bhava*, Sanskrit Pustak Bhandar

Optional Course IX: Indian Aesthetes

(Module 18)

1. Rabindranath Tagore: Enjoyment of Beauty
2. Kalidas: Beauty and Non-Beauty
3. Brajendranath Seal: Concept of Beauty
4. Ananda Coomaraswamy: Concept of Art

Suggested Readings:

1. Dr. Ajit Kumar Bandyopadhyaya, *Bangla Sahitye Saundaryatattva*, De Book Store, Kolkata
2. Dr. Sukhen Biswas, *Nandantattve Prachya*, Deys Publishing
3. Prabas Jiban Chaudhury, *Rabindranather Saundarya Darsan*
4. Prabas Jiban Chaudhury, *Saundarya Darsan*
5. Prabas Jiban Chaudhury, *Tagore on Literature and Aesthetics*
6. A.K.Coomaraswamy, *Art and Swadeshi*, Munshiram Monaharlal
7. A,K.Coomaraswamy, *Introduction to Art*
8. S.N.Ghoshal Shasri, *Elements of Indian Aesthetics*
9. Atul Chandra Gupta, *Kavya-Jijnasa*, Visva-Bharati
10. Rabindranath Tagore, *Sahitya*, Visva-Bharati

11. Nirmalya Narayan Chakraborty, *Smarane Manane Brajendranath Seal*, Alochana Chakra, Kolkata
12. Kalidas, *Abhijnana Shakuntalam*

Optional Course X: Western Aesthetes

(Module 21)

1. Immanuel Kant: The Judgement of Taste
2. Hegel: Five-fold Classification in Art-forms
3. Benedetto Croce: Intuition and Expression
4. Leo Tolstoy: Relation between Science and Art

Suggested Readings:

1. Dr. Sukhen Biswas, *Nandantattve Pratichya*, Chirayata Prakashan
2. Dr. S.N. Dasgupta, *Saundaryatattva*
3. Christopher Janaway, *Reading Aesthetics And Philosophy of Art*, Blackwell
4. S.K. Nandi, *Crocer Nandantattva*, W.B. State Book Board
5. Dwijendralal Nath, *Shilper Swarup*, W.B. State Book Board
6. S.K. Saxena, *Art and Philosophy*
7. Leo Tolstoy, *What is Art*, Penguin Books

Optional Course XI: Aesthetic Text Reading:

(Module 22)

1. Hegel, *Introductory Lectures on Aesthetics (selections)*
2. Abhinavagupta, *Locana Tikā on Dhvanyālok (selections)*

Group- F

Philosophy of Mind

Optional Course VII: Philosophical Theories of Mind - I

(Module 16)

1. Dualism: Mind-Body Problem
 - (i) Historical Introduction: Mind-Body Problem in Greek Philosophy

- (ii) Substance Dualism: Cartesian Interactionism
 - (iii) Property Dualism: Epiphenomenalism
 - (iv) Parallelism
2. The Materialist Critique of Dualism

Suggested Readings:

1. Churchland, P. M. 1998. *Matter and Consciousness: A Contemporary Introduction to Philosophy of Mind*, Cambridge, MASS: MIT Press.
2. Feser, E. 2005. *Philosophy of Mind: A Beginner's Guide*, Oneworld Publications.
3. Guttenplan, S. (ed). 1996. *A Companion to the Philosophy of Mind*, Wiley-Blackwell.
4. Heil, J. *Philosophy of Mind: A Contemporary Introduction*, Routledge.
5. Lowe, E. J. 2000. *An Introduction to Philosophy of Mind*, Cambridge: Cambridge University Press.
6. Popper, K. R. 2013. *The World of Parmenides: Essays on the Presocratic Enlightenment*, Routledge.
7. Ravenscroft, I. 2005. *Philosophy of Mind: A Beginner's Guide*, Oxford: Oxford University Press.

Optional Course VIII: Philosophical Theories of Mind – II

(Module 17)

1. Materialism: various Forms
 - (i) What is Materialism?
 - (ii) Philosophical or Radical Behaviourism
 - (iii) Mind-Body Identity Theory
 - (iv) Functionalism
2. Critique of Materialism: Karl Popper's Non-dualistic Interactionist Theory

Suggested Readings:

1. Brain B. and Ludlow, P. (eds.). 1994. *The Philosophy of Mind: Classical*
2. *Problems/Contemporary Issues*, Cambridge, MASS: MIT.
3. Braddon-Mitchell, D. and Jackson, F. 2006. *Philosophy of Mind and Cognition. 2nd Edition*. Wiley-Blackwell
4. Carruthers, P. 2004. *The Nature of the Mind: An Introduction*, Routledge, UK

5. Guttenplan, Samuel. 1996. *A Companion to the Philosophy of Mind*, Wiley-Blackwell.
6. Jaworski, W. 2011. *Philosophy of Mind: A Comprehensive Introduction*. Wiley-Blackwell.
7. Maslin, K.T. 2001. *An Introduction to the Philosophy of Mind*, Cambridge: Polity.
8. Popper, K.R. and Eccles, J. C. 1977. *The Self and its Brain: An Argument for Interactionism*, Springer.

Optional CourseIX: Consciousness and its Problems

(Module 18)

1. What is Consciousness?
 - (i) Psychological and Phenomenological Notions of Consciousness
 - (ii) The Easy and the Hard Problem
2. Zombies and the Problem of Explanatory Gap
3. Intentional Theories of Consciousness
4. The Extended Mind: How can we draw the boundary between Mind and Body?

Suggested Readings:

1. Churchland, P. M. 1998. *Matter and Consciousness: A Contemporary Introduction to Philosophy of Mind*, Cambridge, MASS: MIT Press.
2. Clark, A. and Chalmers, D. J. 1998. 'The Extended Mind', *Analysis*.
3. Chalmers, D. J. 1997. *The Conscious Mind: In Search Of a Fundamental Theory*, US:OUP.
4. Lowe, E. J. 2000. *An Introduction to the Philosophy of Mind*, CUP, Cambridge.
5. Menary, R. (ed.) 2007. *The Extended Mind*, MIT.
6. Searle, J. 2004. *Mind: A Brief Introduction*, Oxford University Press, Oxford.

Optional Course X: Self Knowledge and the Problem of Other Minds

(Module 19)

1. Self and its Knowledge
2. Externalism-Internalism Debate in the Philosophy of Mind
3. The Problem of Other Minds

Suggested Readings:

1. Avramides, A. 2001. *Other Minds*, Routledge.
2. Burge, T., 1979. "Individualism and the Mental" in French, Uehling, Wettstein (eds.), *Midwest Studies in Philosophy 4*,
3. Davidson, D. 1994. "Knowing One's Own Mind", in Quassim Cassam (ed.), *Self-Knowledge*, Oxford: OUP.
4. Cassam, Q. (ed.), 1994, *Self-Knowledge*, OUP, Oxford. (Select Portions)
5. Hyslop, A. 1995. *Other Minds*, Springer.
6. Kim, J. 2005, *Philosophy of Mind (Dimensions of Philosophy)*, Westview Press,
7. Putnam, H., 1991, "Meaning and Reference" in A.W. Moore (ed.), *Meaning and Reference*, Oxford: OUP.
8. Shoemaker, S. 2004. *Self-Knowledge and Self Identity*, Cornell University Press.
9. Wright, Smith and Macdonald (eds.) 1998. *Knowing One's Own Mind*, (Select portions), Oxford: OUP.

Optional Course XI: AI and Computational Theories of Mind

(Module 20)

1. AI and Turing Machine
 - (i) What is AI?
 - (ii) Strong and Weak AI
 - (iii) Definitions of: algorithm, function, computable function, recursive function
 - (iv) Description of a Turing Machine
 - (v) Church-Turing Thesis
2. Searle's Chinese Room Argument against Strong AI; Replies to the Chinese Room Argument
3. Dreyfus' Argument against Strong AI
4. Computational Theory Mind – Turing Model and Neural Network Model
5. Connectionism
6. Margaret Boden on Intelligent Computers

Suggested Readings:

1. Crane, Tim, 1995.*The Mechanical Mind*, Penguin Books.
2. Boden, M. A. (ed.), 1990.*The Philosophy of Artificial Intelligence*, Oxford University Press.
3. Boden, M. A. 2016. *AI: Its Nature and Future*, Oxford University Press.
4. Dietrich, E. (ed.), 1994. *Thinking Computers and Virtual Persons*, New York: Academic Press.
5. Dreyfus, H L. 1992.*What Computers Still Can't Do*, Cambridge, Mass., London: The MIT Press.
6. Fodor, J. 1981.*Representations: Philosophical Essays on the Foundations of Cognitive Science*, Sussex: The Harvester Press.
7. Haugeland. J. 1989.*Artificial Intelligence*, A Bradford Book.
8. Sterelny, Kim. 1990.*The Representational Theory of Mind: An Introduction*, Oxford: Basil-Blackwell.

Group- G (Social and Political Philosophy)

Optional Course VII

(Module 16)

Western Social and Political Thought I

1. Plato's conception of Ideal State and Justice
2. Form of Government according to Aristotle
3. Hobbes: Theory of state, sovereignty
4. Rousseau: Origin of Inequality, Theory of State, Sovereignty

Suggested Readings:

1. Plato, 2000, *Republic*, Dover edition
2. Aristotle, 2015, *Politics*, Aeterna Press
3. Hobbes, 2018, *Leviathan*, Lerner Pub.
4. Rousseau, 2016, *The Social contract*, Sovereign
5. Rousseau, 2013, 'A Dissertation on the Origin and Foundation of The Inequality of Mankind and is it Authorized by Natural Law?'
6. J. Plamenatz, 1965, *Man and Society* (vol. I), The Academy of Political Science

Optional Course VIII

(Module 17)

Western Social and Political thought II

1. Hegel: Monism; Geist; Private Morality; Public Morality; State
2. Marx: Critique of Hegel's Idealism; Historical Materialism; Bourgeois & Proletariat; Background and Laws of Materialist Dialectics; Surplus Value
3. Robert Nozick: Relation between Individual & Society
4. Habermas: Democracy; Rational Discourse
5. Martha Nussbaum: Feminist Critique of Liberalism

Suggested Readings:

1. David Mc Lellan, 1980, *The Thought of Karl Marx: An Introduction*, The Macmillan Press Ltd., London
2. Zoya Berbeshkina, Lyudmila Yakov eva, Dmitry Zerkin, 1987, *What is Historical Materialism?* Progress Publishers, Moscow,
3. K. Marx & F. Engels, 2011, *Communist Manifesto*, with explanatory notes by David Riazonov, National Book Agency Pvt. Ltd. Kolkata,
4. Hegel, *Philosophy of Right*, trans. S.W. Dyde, Dover Pub.
5. J Habermas, 1987, *The Philosophical Discourse of Modernity*, trans, F. Lawrence, Cambridge: MIT Press.
6. J Habermas, 1971, *Knowledge and Human Interest*, trans, J Shairo, Boston: Beacon Press.
7. R. Nozick, 1974, *Anarchy, State and Autopen*, Oxford, Basil Blackwell.
8. M. Nussbaum, 2005, "The Feminist Critique of Liberalism" in *Political Philosophy: The Essential Text*, ed. Steven M Cahn, Oxford University Press, New York,

Optional Course IX

(Module 18)

Indian Social and Political Thought: I

1. Concepts of *dharma* and *rājadharma*
2. *Nitiśāstra* and *dandaniti*
3. *Rājadharma* and *mokṣa*
4. Theory of State (*Rāṣṭra*) according to Kautilya
5. Concepts of *Saptāṅga Rājya* and *Caturanga rājya*
6. Theories of Kingship; qualities of a king; duties of a king; limited or unlimited power of the king
7. Requisite qualities of *Amātya*; ways of appointing Minister
8. Status of women in Manu and Kautilya

Suggested Readings:

Śāntiparva of Mahābhārata, any standard edition

Manu Samhitā, any standard edition

Arthśāstra of Kautilya, any standard edition

Kāmandaki Nitisāra, any standard edition

Kane, P.V, 1941, *History of Dharmasāstras*, Bhandarkar Oriental Research Institute,

Bhaskarānanda, S, 1963, *Ancient Indian Political Thought and Institution*, Asia Pub. House,

Verma, V.P, 1974. *Studies in Hindu Political Thought and Its Metaphysical*

Foundation, Motilal Banarsidass,

Jaswal, K.P, 2006, *Hindu Polity*, Chowkhamba Sanskrit Pratisthan Oriental Pub,

Law, N.N. 1949, *Studies in Ancient Hindu Polity*, London: Longmans

Optional Course X

(Module 21)

Indian Social and Political Thought: II

1. Modern Indian Political Thought and Freedom Struggle
2. Gandhi's view on *swarāj*, *sarvodaya*, *panchāyat rāj*, *satyāgraha*, *ahimsā*, statelessness, trusteeship etc.
3. Ambedkar: Critique of social evils
4. M.N. Roy: Humanism
5. Sri Aurobindo and Rabindranath's views on society and state

Texts:

1. Roy, M.N, 1999, *From the Communist Manifesto to Radical Humanism*, Renaissance Publishers Private Limited, Kolkata
2. Roy, M.N, 1947, *New Humanities: A Manifesto*, Renaissance Publishers Private Limited, Kolkata

Suggested Readings:

- Gandhi, M.K, 2014, *Hind Swaraj*, Sarva Seva Sangha Prakashan
- Tagore, Rabindranath,1931, *Religion of Man*
- Sri Aurobindo, *Ideas of Human Unity*
- D. Parekh, *Gandhi's Political Philosophy*
- E.N.K. Bose, *Studies in Gandhism*
- D.P. Chattopadhyay, *Sri Aurobindo and Karl Marx*
- K. Roy (ed.) *Fusion of Horizons: Socio-spiritual Heritage of India*
- D.P. Chattopadhyay, *Societies, Ideology and Culture*.
- M.N. Roy, *Problem of Freedom*, Renaissance Publishers Private Limited, Kolkata, 2006
- Indrani Sanyal and Sashinungla, (eds), *Ethics and Culture: Some Indian Reflections*, Decent Books, 2010

Optional Course XI: Important Socio-Political Concepts in Contemporary Period**1.Colonialism and Imperialism****a) Colonialism**

- i. Defining the terms
- ii. Colonization and Domination
- iii. Edward Said and Colonial Discourse

b) Imperialism

- i. Definition and Meaning
- ii. The French Invention of Imperialism
- iii. Differences in Imperial Ideologies and Colonial Systems
- iv. British Imperialism

c) Post colonialism

- i. Meaning and Definition
- ii. PostColonial Theorists.

d) Reading some Contemporary Indian Political Theorists

- a) *Can the Subalterns Speak?* by Gayatri Chakroborty Spivak (Selected portion)
- b) *Swaraj in Ideas* by K.C.Bhattacharya(Selected portions)

Suggested Readings:

1. J.C.RobertYoung, *Postcolonialism:A Historical Introduction*, Blackwell Publishing,2001
2. AimeCesaire,*Discourses on Colonialism*, Aakar Books, Delhi, 2000.
3. EdwardSaid, *Orientalism,Western Conception Of The Orient*, Penguin Books,India,1978
4. 'Neo-colonialism' in the *Internet Encyclopaedia of Philosophy* <http://www.iep.utm.edu>
5. KwameNkrumah, *Neo-colonialism The Last Stage of Imperialism*, Panaf, Africa, 1965.
6. Ania Loomba,*Colonialism/Postcolonialism*, Routledge, London and New York,1998
7. Barbosa Ramirez Teobaldo, *Postcolonial Theories and Modernity*, Globe Edit,Germany,2010
8. Gayatri Chakroborty Spivak , *Can the Subalterns Speak?*
9. K.C.Bhattacharya, *Swaraj in Ideas*