



# VIDYASAGAR UNIVERSITY

## Department of Philosophy and the Life-world

### P.G. Syllabus (Revised)

*for*

### Semester System (with CBCS) in Philosophy

w.e.f. 2016-2017

The entire course for the P.G. syllabus in Philosophy will be taught in two years and four Semesters. Each Semester will carry 200 marks. Total marks to be covered in four Semesters will be  $4 \times 200 = 800$  marks. 14 courses from home department and 2 courses from other department/discipline.

10 Core Courses, 4 optional courses and 2 CBCS courses will be taught. 4 courses (200 marks in total) will be taught in each Semester. For each course 50 marks (40 for written test and 10 for internal assessment) will be allotted.

Each course will be divided into 2 units. Unit-1 and Unit-2. Questions for the written test (40 marks) will be set accordingly.

4 + 4 courses of Semester-I and Semester-II, and 2 courses of Semester-III and 2 courses of Semester-IV will be allotted for core area. 2 courses of Semester-III and 2 courses of Semester-IV will be allotted for optional area. One course in Second Semester and one course in Third Semester (50+50) will be taught as elective courses following CBCS.

At present only 4 optional courses will be offered – Advaita Vedānta (ADV), Advanced Logic (ADL), Applied Philosophy (AP) and Philosophy of Cognitive Science (PCS). There will be restriction in opting these courses.

A student shall have to opt 2 courses of Advaita Vedānta (Mark 50 + 50) or 2 courses of Advanced Logic (Marks 50 + 50) and 2 courses of Applied Philosophy (Mark 50 + 50) or 2 courses of Philosophy of Cognitive Science (Marks 50 + 50)

## COURSE STRUCTURE

### Semester-I

Course: PHI 101	Indian Logic	Marks 50
Course: PHI 102	Western Logic	Marks 50
Course: PHI 103	Indian Epistemology	Marks 50
Course: PHI 104	Western Epistemology	Marks 50

### Semester-II

Course: PHI 201	Indian Metaphysics	Marks 50
Course: PHI 202	Western Metaphysics	Marks 50
Course: PHI 203	Modern Indian and Continental Philosophy	Marks 50
Course: PHI 204	Philosophical Issues (Choice based Credit System)	Marks 50

### Semester-III

Course: PHI 301	Indian and Western Philosophy of Language	Marks 50
Course: PHI 302 ADV	Advaita Vedanta	Marks 50
Course: PHI 302 ADL	Advanced Logic	Marks 50
Course: PHI 303 AP	Applied Philosophy	Marks 50
Course: PHI 303PCS	Philosophy of Cognitive Science	Marks 50
Course: PHI 304	Socio-Ethical Problems (Choice Based Credit System)	Marks 50

### Semester-IV

Course: PHI 401	Indian Ethics	Marks 50
Course: PHI 402	Western Ethics	Marks 50
Course: PHI 403 ADV	Advaita Vedānta	Marks 50
Course: PHI 403 ADL	Advanced Logic	Marks 50
Course: PHI 404 AP	Applied Philosophy	Marks 50
Course: PHI 404 PCS	Philosophy of Cognitive Science	Marks 50

## SEMESTER-I

### Paper: PHI-101 (Indian Logic)

Numbers of the right hand margin indicates number of classes

#### Unit-I

1. Definition of *Anumāna*: Nyāya, Bauddha and Advaita Vedānta perspectives 6
2. Process of *anumāna*: Nyāya perspective 2
3. Role of *Parāmarśa in anumana* : The Mimāṃsā – Nyāya debate 4
4. Induction in Indian Logic: *Bhūyodarśana, Vyābhicārāgraha, Upādhi* and *Upādhinirāśa, tarka, sāmānyalakṣaṇa - pratyakṣa* in *Vyāptigrahopāya*. 13  
[Suggested texts: 1. Narayan Chandra Goswami (ed.), *Tarkasamgraha*,  
2. Phanibhuṣaṇa Tarkavagis (ed.), *Nyāyadarśana*]

#### Unit-II

5. Definition of *Vyāpti* (Siddhāntalakṣaṇa of Siddhānta-Muktāvalī, upto *rupatvavyāpyajātimmattvānprithibītvāt*. 12
6. Pakṣāta 4
7. Characteristics of *Saddhetu* and five types of *Hetvābhāsa* : Nyāya perspective 9

#### Recommended Texts / References

##### Topic - 1

KeśavaMīśra: *Tarka-Bhāṣā*

Dharmakīrti: *Nyāyābindu* with *Dharmottaratīkā*

Dharmarājadhvarīndra: *Vedānta-Paribhāṣā*

##### Topic - 2 & 3

Viśvanātha : *Bhāṣā-Pariccheda – Siddhānta- Muktāvalī*

##### Topic - 4

Annambhaṭṭa: *Tarka-samgraha* with *Dīpikā*

Vātsāyana: *Nyāya-Bhāṣya*, Ch.-II

KeśavaMīśra: *Tarka-Bhāṣā*

Dharmakīrti: *Nyāya-bindu* with *Dharmottaratīkā*

VacaspatiMīśra: *Sāṃkhya-Tattvakaumudī*

Dharmarājadhvarīndra: *Vedānta-Paribhāṣā*

Bhupendra Chandra Das: *The Supernormal Means of Knowing (A NavyaNyāya Approach)*

S. K. Maitra: *Fundamental Questions of Indian Metaphysics and Logic*

Debabrata Sen: *Bhāratīya Darśan*

**Topic - 5 & 6**

Viśvanātha : *Bhāṣā-Pariccheda – Siddhānta- Muktāvalī*

Raghunath Ghosh: *The Justification of Inference*

Bhupendra Chandra Das: *The Supernormal Means of Knowing (A Navya Nyaya Approach)*

**Topic – 7**

Keśava Miśra: *Tarka-Bhāṣā*

**Paper: PHI-102 (Western Logic)**

**Unit – I**

1. Multiply General Propositions –

I. M. Copi – *Symbolic Logic* (5<sup>th</sup> Edn.), Prentice Hall of India, 25  
Ch. – 4, Section 4 – 7.

**Unit – II**

1. Patrick Suppes – *An Introduction to Logic – Set Theory*, 25  
Chapter – 9, Section 1 – 8.

**Suggested Readings :**

Eberle : *Logic and Proof Techniques*

Mendelson : *Introduction to Mathematical Logic.*

Hunter : *Metalogic.*

Ramaprasad Das and Subir Ranjan Bhattacharya: *Yuktivijñāner Abhidhan.*

Basson and O' Connor : *Introduction to Symbolic Logic.*

Virginia Klenk - *Understanding Symbolic Logic.*

E.J. Lemmon – *Beginning Logic.*

Alonzo Church - *An Introduction to Mathematical Logic.*

Seymour Lipschutz - *Set Theory and Related Topics.*

R. Stoll : *Set Theory and Logic.*

Ramaprasad Das: *Sāṃketik Yuktivijñān (Vol. I, II, III)*

**Paper :PHI-103 (Indian Epistemology)**

**Unit –I**

1. Definition of *pramā* : Nyāya and Bauddha, Advaita Vedānta View 9
2. Definition, process and division of perception : Nyāya and Bauddha view 8
3. *Svaprakāśatva* and *Paraprakāśatva* of knowledge : Mimāṃsā and Nyāya view 8

**Unit - II**

4. The debate about the ascertainment (*jñapti*) of validity : *Mimāṃsā* and Advaita perspectives. 8
5. Definition and types of *apramā* *Samśaya*, *Viparyaya* and *Tarka* 7
6. Theories about erroneous perception (*Khyātivāda*) : *ātmakhyāti*, *satkhyāti*, *asatkhyāti*, *akhyāti*, *anyathākhyāti*, *viparītakhyāti*, *anivracanīyakhyāti*. 10

**Recommended Texts / References**

**Topic : 1**

Annambhaṭṭa: *Tarkasaṃgraha- Dīpikā*

Viśvanātha : *Bhāṣā-Pariccheda–Siddhānta- Muktaṅgalī*

Dharmakīrti: *Nyāyabindu* with *Dharmottaratīkā*

Dharmarājadhvarīndra : *Vedānta- Paribhāṣā*

Bhupendra Chandra Das : *The Supernormal Means of Knowing* (A Navya Nyaya Approach)

Biswabandhu Bhattacharya: *Pramā-lakṣaṇa*

**Topic :2**

Keśava Misra : *Tarka - Bhāṣā*

Dharmakīrti : *Nyāyabindu* with *Dharmottaratīkā*

**Topic :3**

Debabrata Sen : *The Concept of Knowledge*

Narayan Chandra Goswami (ed.), *Tarkasaṃgraha- Dīpikā*

**Topic :4**

Viśvanātha : *Bhāṣā-Pariccheda –Siddhānta- Muktaṅgalī*

Yogendranath Bagchi : *Prachin Nyāya O Mimāṃsā Sammata Prāmānyavāda*

Narayan Chandra Goswami (ed) : *Tarkasaṃgraha - Dīpikā*

**Topic :5**

Narayan Chandra Goswami (ed) : *Tarkasaṃgraha - Dīpikā*

## Topic : 6

SrimohanTarkatīrtha:*Bhāmatī*

AsutoshShastri :*Vedāntadarshan - Advaitavāda*

NanilalSen :*A Critique of the theories of Viparyaya*

S.R. Saha :*Indian Theories of Illusion*

RupaBandyopadhyay :*Indian Theories of Illusion*

BiswarupSaha :*AdvaitaVedāntaDarśaneAdhyāsa O Jñānatattva*

DebabrataSen :*BhāratīyaDarśana*

J.N. Sinha: *Indian Epistemology of Perception*

### **Suggested Readings:**

Bhupendra Chandra Das: *The Supernormal Means of Knowing (A NavyaNyāyaApproach)*

LopamudraChoudhury: *DarshanerAbhidhana*

RupaBandyopadhyay: *Khyātivāda*

MadhumitaChattopadhyay: *Buddhist Epistemology: Walking Along the Path of Buddhism*

## **Paper :PHI-104 (Western Epistemology)**

### **Unit-I**

- |  |   |
|--|---|
| 1. Scepticism  | 8 |
| 2. Getteir Problem and Responses to it                                   | 8 |
| 3. Justification of Knowledge - Claims - Foundationalism and Coherentism | 9 |

### **Unit-II**

- |   |    |
|---|----|
| 4. I. Kant - <i>Critique of Pure Reason</i> , Tr. N.K. Smith (Selected Portion) | 25 |
|---|----|

### **Recommended Text**

J. Dancy- *An Introduction to Contemporary Epistemology*

R. Audi- *Epistemology* (Second Edition)

I. Kant - *Critique of Pure Reason*

### **Suggested Readings**

J. L. Pollock – *Contemporary Theories of Knowledge*

J.Dancy - *An Introduction to Contemporary Epistemology*

H.J. Paton – *Kant's Metaphysics of Experience*

C.D. Broad - *Kant : An Introduction*

K. Lehrer -*Knowledge*

R.M.Chisholm - *Theory of knowledge* (3rd edn.)

A.J. Ayer - *The Problem of Knowledge*

D.W. Hamlyn- *Theory of Knowledge*

G. S. Pappas & M. Swain (eds.) : *Essays on Knowledge and Justification*

H.Allison - *Transcendental Idealism*

Paul Guyer - *Kant and the Claims of Knowledge*

PrayasSarkar : *Gettier Problem*

SutapaSaha : *Gettier Problem*

SandhyaBasu : *Justification of Knowledge*

### **Paper : PHI-201 (Indian Metaphysics)**

#### **Unit-1**

1. Theories of Reality : *Bhūtacaitanyavāda, Anekāntavāda, Kṣaṇabhaṅgavāda, Vijñānavāda & Sarvaśunyavāda, Dvaitavāda (Sāṃkhya), Kevalādvaitavāda* 10
2. Space and Time; Existence of present time, Nyāya perspective. 8
3. Universal (*sāmānya*) : The debate between the Nyāya and the Bauddha 7

#### **Unit- II**

4. Causation : *Ākasmikatāvāda, Svabhāvavāda, Asatkaryavāda or Ārambhavāda, Satkāryavāda or Pariṇāmavāda, Vivartavāda*
5. Self (*Ātmā*) : The debate about the theory of self-Cārvāka, Bauddha, Advaita and Nyāya Perspectives. 8
6. Concept of Mind (manas ) in the Nyāya - Vaiśeṣika and Advaita Vedānta 8

### **Recommended Texts / References**

#### **Topic- 1**

Mādhavāchārya : *Sarvadarśanasamgraha*

DebabrataSen : *Bhāratīya Darshan*

C.D. Sharma : *A Critical Survey of Indian Philosophy*

SatkariMukherjee : *The Buddhist Theory of Universal Flux*

T.R.V. Murti : *The Central Questions of Buddhist Philosophy*

#### **Topic - 2**

Viśvanāth : *Bhāṣāpariccheda - Siddhāntamuktāvalī*

Annambhaṭṭa : *Tarkasamgraha- Dīpika*

Karuna Bhattacharya : *Nyāya-Vaiśeṣika Darśan*

Pradyot Kumar Mondal :VaiśeṣikaDarśan

Vātsāyana :Nyāya-Bhāṣya of Nyayasūtra - 2.1.39-43

### Topic - 3

Viśvanāth :*Bhāṣāpariccheda - Siddhāntamuktāvalī*

Sridhara :*Nyāyakandalī*

Shyamapada Mishra (Ed.) :*PraśastapādaBhāṣya*

Bhupendra Chandra Das :*The Supernormal Means of Knowing (A NavyaNyāya Approach)*

KarunaBhattacharya :Nyāya - *VaiśeṣikaDarśan*

Pradyot Kumar Mondal :*VaiśeṣikaDarśan*

### Topic - 4

KalikrishnaBandyopadhyay :*NyāyatattvaParikramā*

Udayana :*NyāyaKusumāñjalī*

Vācaspati :*Sāmkhya-Tattvakaumudi*

Madhavācārya :*Sarvadarśanasamgraha*

### Topic - 5 & 6

Viśvanāth :*Bhāṣāpariccheda– Siddhāntamuktāvalī*

Dharmarājadhvarīndra :*Vedānta-Paribhāṣā*

### Suggested Readings:

SrilekhaDutta: *Ontology of Negation*

## Paper : PHI-202 (Western Metaphysics)

### Unit-I

- |                                       |    |
|---------------------------------------|----|
| 1. The Nature of Metaphysics          | 12 |
| 2. Universals - Realism andNominalism | 13 |

### Unit -II

- |   |   |
|---|---|
| 1. Concrete Particulars - Substrata, Bundles and Substances | 9 |
| 2. Causation  | 8 |
| 3. Self and Personal Identity                               | 8 |

### Recommended Texts

- 1) M.J.Loux- *Metaphysics : A Contemporary Introduction* (2nd edn.)
- 2) RichardTaylor – *Metaphysics*
- 3) Bernard Williams - *The Problems of Self*

## Suggested Readings

- M.J. Loux - Metaphysics :*Contemporary Readings* (Routledge)  
M.J. Loux - Metaphysics :*A Contemporary Introduction* (2nd edn.,Routledge)  
P. Van Inwagen& K.D.W. Zimmerman - *Metaphysics : the BigQuestions*  
R. Swinburne - Personal Identity :*The Dualist Theory*  
RichardTaylor - *Metaphysics*  
Jaegwon Kim &Ennest-sosa-*Metaphysics :An Anthology* (Blackwell)  
BernardWilliams - *The Problems of Self*  
John R. Searle –*Mind*(Oxford University Press)  
David J. Chalmers - *Philosophy ofMind:Classical & Contemporary Readings* (Oxford U.P.)  
P. F. Strawson – *Individuals*  
D. W. Hamlyn: *Metaphysics*  
A. J. Ayer: *Language, Truth and Logic*

## Paper :PHI–203 (Modern Indian Philosophy and Continental Philosophy)

### Unit – I

#### (Modern Indian Philosophy)

#### 1. Swami Vivekananda :

Practical Vedanta, Universal Religion. 6

#### 2. Rabindranath Tagore :

General Philosophical Standpoint - Reality and God - Doctrine of,Nature of Man :Finite aspect and infinite aspect –Religion of Man - Ways of self-realization– Humanism, Ideas of Education

6

#### 3. Mahatma Gandhi :

God and Truth - Nature of World - Nature of Man - Non-Violence - *Satyāgraha* -Philosophy of end and means - Swaraj - Ideal state and *Sarvodaya* 6

#### 4. Sri Aurobindo :

Two negations - Reality as Saccidānanda - Nature of Creation : Involution, Mayaor Lila,evolution - Nature of Man –Supermind - Nature of Gnostic Being - Gnostic Being and *Jīvanmukta* - The Divine Life - Integral Yoga. 7

and/or

#### 5. BrajendraNath Seal :

**Recommended Texts / References**

Basanta Kumar Lal : *Contemporary Indian Philosophy*

Nikhilesh Bandyopadhyay : *Vimśa Śatābdīr Bhāratīya Darśan*

T.M.P. Mahadevan & C.V. Saroja : *Contemporary Indian Philosophy*

V.S. Narvane : *Modern Indian Thought*

Brajendra Nath Seal : *The Positive Science of the Ancient Hindus*, Chapter - VII

**Unit - II****Continental Philosophy**

1. Phenomenology : Development of Husserl's Phenomenology, The Natural World Thesis, Phenomenological Reduction, Pure Consciousness and Transcendental Subjectivity, Intentionality, The Life-World 13
2. Hermeneutics : Meaning of 'Hermeneutics', Hermeneutics as *art* of interpretation and as *act* of interpretation. 12
3. Existentialism : Sartre's Existentialism, Sartre's Critique of Husserl, Nothingness, Being for itself *vis-à-vis*, Being-in-itself, Freedom and Responsibility, Bad faith and Critique of Marxism 25

**Suggested Readings :**

Edmund Husserl : *Ideas, Book-I, Martinus Nijhoff*

Edmund Husserl : *The Crisis of European Sciences and Transcendental Phenomenology*, North-Western University Press

Herbert Spiegelberg : *The Phenomenological Movement* (Vols. I & II). Martinus Nijhoff

Dermot Moran : *Introduction to Phenomenology*, Routledge

J.N. Mohanty & W.R. Mckenna (eds) : *Husserl's Phenomenology : A Text Book*, University Press of America

M.K. Bhadra : *A Critical Survey of Phenomenology and Existentialism*, ICPR, Allied

J. N. Mohanty : "The Development of Husserl's Thought" in *Cambridge Companion to Husserl*

Jean-Paul Sartre : *Being and Nothingness, Philosophical Library*

Jean-Paul Sartre : *Critique of Dialectical Reason*, Verso

Jean-Paul Sartre : *Transcendence of the Ego*, Farrar, Straus and Giroux

KrishnaRoy :*Hermeneutics : East and West*, Allied

Josef Bleicher :*Contemporary Hermeneutics*, Routledge&Kegan Paul

Martin Heidegger :*Being and Time*, Harper & Row

Dharmarājādhvarindra: *VedāntaParibhāṣā*

## Semester-II

### Choice based Credit System

#### Paper: PH1-204 (Philosophical Issues)

##### Unit-I

##### (Philosophy of Love)

1. Rabindranath Tagore
2. Swami Vivekananda

##### Unit-II

##### (Philosophy of Peace)

1. Buddha
2. Gandhi

## SEMESTER - III

#### Paper :PHI- 301 (Indian and Western Philosophy of Language)

##### Unit-I

##### (Indian Philosophy of Language)

1. Word - Classification of Words 7
2. Nature of Śakti-Means to Śaktigraha 8
3. Locus of Śakti -Vyākṛtiśaktivāda, ākrṛtiśaktivāda,  
jātiśaktivāda, jātyākṛtiviśityaśaktivāda 10
4. Grammarian theory of *sphoṭa* 7
5. Conditions for the knowledge of sentence - *akāṅkṣā*, *yogyatā*,  
*āsatti* and *tātparya* 9
6. Comprehension of sentence-meaning- *abhihitānvayavāda* and  
*anvitābhīdhānavāda* 9

### Recommended Texts / References

Viśvanāth :*Bhāṣāpariccheda - Siddhāntamuktāvalī*

K.N. Chatterjee : Word and its meaning : A New Perspective

Gaurinath Shastri : A Study in Dialectics of *Sphoṭa*

K.KunjunniRaja : Indian Theories of Meaning

P.K. Majumdar : *The Philosophy of Language : An Indian Approach*

Gangadhar Kar : *Śabdārtha-Sambandha-Samīkṣā*

P. Misra : *Shabdārtha - Darśan - Kañika*

**(Western Philosophy of Language)**

1. Definite Descriptions - Russell 7
2. Proper names – Frege, Searle, Kripke and Putnam and /or 9
3. Speech act theory 9
4. Selected portions from L. Wittgenstein's *Tractatus - Logico-Philosophicus* (Logical atomism and Picture Theory of Meaning) and/or 9
5. Selected portions from L. Wittgenstein's *Philosophical Investigations* 9

**Recommended Texts**

G. Frege - *Sense & Reference, Concept and Object*

L. Wittgenstein - *Tractatus Logico - Philosophicus*

L. Wittgenstein - *Philosophical Investigations*

A.P. Martinich (ed.) - *The Philosophy of Language*

M. Morris - *An Introduction to Philosophy of Language*

W.G. Lycan - *Philosophy of Language (Second Edition)*

**Suggested Readings :**

P.T. Geach & Max Black (Trs.) - *Philosophical Writings of Gottlob Frege*

Priyambada Sarkar : *Uttarparber Wittgenstein*

J. Searle - *Speech Acts*

J.L. Austin - *How to do things with words*

M.K. Munitz - *Contemporary Analytic Philosophy*

A. Miller - *Introduction to Philosophy of Language*

B. Russell - *Logic & Knowledge*

Shefali Moitra and Indrani Sanyal : *Wittgenstein*

**Paper : PHI-302 ADV (Advaita Vedanta)**

**Recommended Text :**

Brahma-Sūtra-Bhāṣya of Śāṅkarācārya

**Unit-I**

1. Śāṅkarā's *Adhyāsa-Bhāṣya* with *Bhāmatī*- upto adhyāsalakṣaṇa 25

**Unit - II**

2. *Śāṅkara- Bhāṣya* of *Brahma-Sūtra*, Adhyaya 1, Padā 1, Sutras 1, 2 and 3. 25

**Paper : PHI – 302 ADL (Advanced Logic)**

**Unit-I**

**(PMSYSTEM)**

From the recommended text :

G.E. Hughes & Londey : *Formal Logic*

1. Theorems 9  
2. Consistency 8  
3. Completeness 8

**Unit -II**

**(MODAL LOGIC)**

**From the Recommended Text:**

*A New Introduction to Modal Logic*

G.E. Hughes & M.J.Creswell

1. Basic Modal Notions 5  
2. Validity in Propositional Modal Logic 7  
3. The Systems : K, T and D. 8  
4. Semantic diagrams for testing validity 5

**Suggested Readings:**

Ramaprasad Das: *Sāṃketik Yuktivijñān* (Vol. I, II, III)

**Paper -PHI - 303 AP (Applied Philosophy)**

**Unit-I**

- |                           |    |
|---------------------------|----|
| 1. Basis of Equality      | 12 |
| 2. Violence against Women | 13 |

**Unit – II**

- |                      |   |
|----------------------|---|
| 3. The Death Penalty | 8 |
| 4. Media Ethics      | 9 |
| 5. Business Ethics   | 8 |

**Recommended Texts:**

- Topic - 1** Peter Singer -*Practical Ethics* (Second Edition)  
M.Nussbaum & J. Glover: *Women, Culture & Development* (ed.)
- Topic - 2** Pamela Foa - *What's Wrong with Rape*  
Vincent, C. Punzo -*Morality and Human Sexuality*  
Anita M. Superson -*Sexual Harassment*  
Lary May and Robert Strikwerda -*Men in Groups : Collective Responsibilities for Rape*  
Hugh La Follette -*Ethics in Practice : An Anthology* (ed.)  
Shefali Moitra :*Naitikatā O Nārivād : Darshanik Prekshiter Nana Matra*
- Topic - 3** Thomas A. Mappes Jane S. Zembaty(ed.) - *Social Ethics, Morality and Social Policy* (Second Edition)
- Topic - 4** Dale Jacquatte - *Journalistic Ethics :Moral Responsibility in the Media*  
**Chap-I** – Truth-telling in the Public Interest  
**Chap-II** – Journalistic Rights and Responsibilities
- Topic - 5** Manuel G. Velasquewy - *Business Ethics - Concepts and Cases, Part-1*

**Suggested Readings**

- Brenda Almond (ed.) -*Introducing Applied Ethics*  
James Rachels- *Moral Problems* (3rd Edition)

Winkler, E.R.and Coombs, J.R. - *Applied Ethics*

Ruth Chadwick -*Applied Ethics*

**Paper: PHI-303 PCS (Philosophy of Cognitive Science)**

**Unit - I**

- |   |   |
|---|---|
| 1. General Introduction : Interdisciplinary nature of cognitive science | 7 |
| 2. Computationaltheory ofmind   | 9 |
| 3. Representationaltheory ofmind  | 9 |

**Unit - II**

- |  |    |
|--|----|
| 1. Philosophy of Artificial Intelligence | 12 |
| 2. Cognitive Psychology                  | 13 |

**Recommended Texts :**

Neil A. Stillings and others - *Cognitive Science : An Introduction*

Tan Crane-*The Mechanical Mind*

Owen Flanagan :*Science of the Mind*

**Semester-III**

**Paper: PH-304 (Socio-Ethical Problems)**

**Unit-I**

**(Secular Philosophy and Philosophers)**

1. From – Six Secular Philosophers – by L.W. Beck (Selected Chapters)

**Unit-II**

**(Justice)**

1. Gender Justice with Special Emphasis on Third Gender

**Semester-IV**

**Paper: PHI-401 (Eastern Ethics)**

**Unit-I**

1. Universal morality in Hindu ethics: The Concept of *dharma*, *Sādharaṇa dharma* and *Viśeṣa dharma*.

2. Sociocentric Hindu Morality: Duties according to *Varṇa* and *āśrama*; Sex-morality and the treatment of Women, Social responsibilities of the Individual.
3. Ethics of *niṣkāma karma*: From 2<sup>nd</sup> and 3<sup>rd</sup> chapters of the Bhagavad Gita

## Unit-II

4. Buddhist Ethics: From The Dhammapada, Yamakavagga (1) *Appamadavagga* (2) *Papavagga* (9) and *Dandavagga* (10)
5. Some ethical concepts: (a) Ṛta and Satya, (b) Ṛṇa and Yajña (c) *Yama* and *Niyama*, (d) *Triratna* and *Pancamahāvratā* (e) *Brahmavihara* (f) *Lokasaṃgraha* (g) *Vidhi* and *Niṣedha*.
6. Some basic ideas of Islamic ethics.

### Recommended texts/references:

#### Topic 1 & 2

SaralJhingram: *Aspects of Hindu Morality*

RatnaDuttasharma and IndraniSanyal: *Sruti O Dharmaniti*

#### Topic-3

*Bhagavadgītā* with Sridharaswami's *Subodhinitīkā*

#### Topic-4

CharuchandraBasu: *Dhammapada*

ShilalankarMahathera: *DhammapadaAtthakathāYamakaVarga*

DhammakirtiMahathera: *Dhammapada – Atthakathā App amadaVarga*

Sukomal Roy Chowdhury: *Dhammapada – AtthakathāArhant, Sahasas, Papa and DandaVaggas*.

Sri SilanandaBrahmachari: *The Eternal Message of Lord Buddha* (A study on Dhammapada) *Dhammapada*, Published by HaraphPrakashani

#### Topic-5

S. K. Maitra, *Ethics of the Hindus*

SaralJhingram, *Aspects of Hindu Morality*

J. N. Sinha, *Indian Philosophy*, Vol. I

Vyasabhasya of *Yogasutra*

AmitaChatterjee (ed), *BharatīyaDharmanīti*

Humphreys, *Buddhist Way of Life*

### **Topic-6**

M. M. Sharif, *A History of Muslim Philosophy*, Vol. I & jII

D. M. Donaldson, *Studies in Muslim Ethics*

### **Paper : PHI-402 (Western Ethics)**

#### **Unit -I**

- |                                     |   |
|-------------------------------------|---|
| 1. Kantian Ethics : For and Against | 9 |
| 2. Emotivism of Ayer and Stevenson  | 8 |
| 3. Prescriptivism of Hare           | 8 |

#### **Unit -II**

- |  |    |
|--|----|
| 4. Utilitarianism : For and Against                | 10 |
| 5. Virtue Ethics                                   | 7  |
| 6. Theory of Justice : Theory of Marx and/or Rawls | 8  |

#### **Recommended Texts :**

Fred Feld Man :*Introductory Ethics*

Tom.L.Beauchamp :*Philosophical Ethics*

Marshall Cohen. ThomasNagel& Thomas Scanon (ed.):*Justice [Marx, Justice and History]*

#### **Suggested Readings :**

C.L. Stevenson - Facts and Values :*Studies in Ethical Analysis*

C.L. Stevenson- *Ethics andLanguage*

A.J. Ayer- *Language, Truth and Logic*

J.J.C Smart & Bernard Williams -*UtilitarianismFor andAgainst*

AmartyaSen -*Utilitarianism and Beyond*

Philippa Foot -*Virtue and Vices*

Immanuel Kant -*Groundwork of Metaphysic of Morals*

Rawls -*A Theory of Justice-*

R.M. Hare -*Moral Thinking - Its Levels, Method and Point*

Roger Crisp & Michael Slote (ed.) -*Virtue Ethics*

Tirthanath Bandyopadhyay -*Kantian Ethics*

Harper & Row Martin Heidegger -*Being and Time*

**Paper : PHI-403-ADV (Advaita Vedānta)**

**Unit-I**

**Recommended Text**

*Vedāntā – Paribhāṣā* of Dharmarajādharīndra

- |  |    |
|--|----|
| 1. Pratyakṣa Pariccheda- upto the division of Nirvikalpaka and Savikalpana Pratyakṣa | 25 |
|--|----|

**Unit - II**

- |   |    |
|---|----|
| 2. Bhāṣa- Pariccheda - (upto the Theory of World -Creation) | 16 |
| 3. Prayojana–Pariccheda                                     | 9  |

**Paper : PHI403 ADL (Advanced Logic)**

**Unit – I**

- |  |    |
|--|----|
| 1. The Logic of Relations - I.M. Copi - Symbolic Logic (5th Ch-5.1,5.2, 5.3, 5.4 only) | 25 |
|--|----|

And/OR

- |   |    |
|---|----|
| 2. R. C. Jeffrey -Formal Logic : It's Scope & Limits (1st Edition) Ch- 6,7 and 9 only | 25 |
|---|----|

**Unit – II**

- |   |   |
|---|---|
| 3.  |   |
| a) Relations  | 9 |
| b) Functions – definition   | 8 |
| c) Operations on Functions - From, Patrick Suppes, <i>An Introduction to Logic</i> , Ch-10 and Ch-11, sec-182 | 8 |

### **Suggested Readings :**

Eberle :*Logic and Proof Techniques*

Virginia Klenk :*Understanding Symbolic Logic*

E.J. Lemmon :*Beginning Logic*

Alonzo Church :*An Introduction to Mathematical Logic*

P. Halmos :*Intuitive Set Theory*

S. Lipchutz :*Set Theory and Related Topics*

R.R. Stoll - *Set theory and its logic*

### **Paper : PHI404 AP (Applied Philosophy)**

#### **Unit – I**

- |                                   |   |
|-----------------------------------|---|
| 1. Euthanasia                     | 9 |
| 2. Genetic Engineering and Ethics | 8 |
| 3. Organ donation                 | 8 |

#### **Unit – II**

- |  |   |
|--|---|
| 4. Environmental Ethics : Some Central Debates | 9 |
| 5. Climate ethics                              | 8 |
| 6. Future generation                           | 8 |

### **Recommended Text**

Peter Singer - *Practical Ethics* (3rd edn.)

Robin Attfield - *Environmental Ethics* (2003)

H. Kuhse and Peter Singer : *Bio-ethics : An Anthology*

S.M. Gardiner et al (eds.) *Climate Ethics : Essential Readings*

### **Suggested Readings**

Hugh La Follete - *Ethics in Practice*

Hanks - *Climate Ethics*

James Garvey - *The Ethics of Climate*

P. Singer - *Applied ethics*

P. Singer - *One World*

Brenda Almond - *Introducing Applied Ethics*

G. Stock and J. Campbell –*Engineering the Human Germline*

N.S. Jecker, A.R. Jonson and R.A. Pearlman - *Bioethics*

F.A. Paola, R. Walker and L. La Civita Nixon - *Medical Ethics and Humanities*

Applied Ethics - *Ruth Chadwick*

H. Kuhse and P. Singer (ed.) - *Bio-ethics : An Anthology*

**Paper :PHI- 404- PCS (Philosophy of Cognitive Science)**

**Unit- 1**

**(Theory)**

- |                    |    |
|--------------------|----|
| 1. Connectionism   | 12 |
| 2. Neurophilosophy | 13 |

**Unit – II**

**(Practical)**

- |   |    |
|---|----|
| 3. Languages of Knowledge Representation Procedural PROLOG,<br>Declarative :C++ | 25 |
|---|----|

**Recommended Texts :**

Neil A Stillings and Others : *Cognitive Science – An Introduction*

Owen Flanagan : *Science of the Mind*

Town send Carl : *Introduction to Turbo Prolog*

Coopu H. L. Mullish : *The Spirit of C – An Introduction to Modern Programming*

Yashvant Kanetkar : *Let us C++*