



**Maharashtra Education Society's
Abasaheb Garware College (Autonomous)
Karve Road, Pune 411004**

(Affiliated to Savitribai Phule Pune University)

**Three Year B.A. (General) Degree Program in Logic and Philosophy
(Faculty Humanities)**

**Syllabi under Autonomy
FYBA (Logic and Philosophy)**

**Choice Based Credit System Syllabus
To be implemented from Academic Year 2022-2023**

Eligibility – 12th Pass**Structure of the Course: Logic and Philosophy**

Sr. No	Year	Sem	Course Type	Paper no	Course Code	Course Title	Credit	No. of Lectures
1	FYBA (Logic and Philosophy)	I	Theory	G1	UALP-111	Traditional Logic	3	48
2		I	Theory	G1	UALP-112	Introduction to Philosophy	3	48
3		II	Theory	G1	UALP-121	Propositional Logic	3	48
4		II	Theory	G1	UALP-122	Themes and Issues in Philosophy	3	48
5	SYBA (Logic and Philosophy)	III	Theory	G2/ CC2C	UALP-231	Deductive Proof	3	48
6		III	Theory	G2/ CC1C	UALP-232	Philosophy of Indian Saints	3	48
7		IV	Theory	G2/ CC2D	UALP-241	Quantification and relational logic	3	48
8		IV	Theory	G2/ CC1D	UALP-242	Introduction to Applied Ethics	3	48
9	TYBA (Logic and Philosophy)	V	Theory	G3 CC3C	UALP-351	Scientific Method	3	48
10		V	Theory	G3/ 3C(CC1C)	UALP-352	Aesthetics and Religious Philosophy	3	48
11		VI	Theory	G3/ CC3D	UALP-361	Indian Logic	3	48
12		VI	Theory	G3/ 3D(CC1C)	UALP-362	Socio-Political Philosophy	3	48

Department of Logic and Philosophy
F.Y.B.A Syllabus in Logic (Credit System)
Semester I

Course Title- Traditional Logic
No of Credits:03

Code No- UALP-111
No of Lectures- 48

Objectives

1. To introduce Logic as an academic discipline to students.
2. To teach students to acquire skills in logical thinking, contemplating, philosophizing.
3. To inculcate critical and systematic thinking in student's mind as well as common stakeholders have in general.

Unit 1: Nature and Scope of Logic

1. Logic as branch of philosophy, Concept and Scope of logic, Use and utility of logic in Indian and Western Tradition
2. Brief Indian and Western history of logic, Concept of Misology, Western concepts of Induction and Deduction, Brief introduction of Indian theories of pramanas: Carvaka, Buddhism & Nyaya
3. Laws of thoughts - Nature of Logical Thought, Laws of thought (Law of identity, Law of non-contradiction, Law of excluded middle)
4. Recent applications of logic: Concept of Applied Logic, Fuzzy Logic, Computer logic

Unit 2: Traditional understanding of Propositions and Their Classification

1. Deductive and Inductive branches of logic.
2. Difference between
 - 1) Proposition and sentence;
 - 2) Proposition and propositional form;
3. Basic subject-predicate structure and components: Quantifier, subject term, copula, predicate term
4. Classification of proposition into categorical proposition – (A.E.I.O.),

Unit 3: Argument and Western Fallacies

- 1) Concept of Argument and argument form
- 2) Concept of Fallacy in Western logic, Types of Fallacies
- 3) Formal fallacies
- 4) Non-formal fallacies: Division, Composition, Accident, Converse Accident, Many Questions

Books to Read

- 1.Copi I. M. *Introduction to Logic* Macmillan Company New York (FourteenthEdition).
- 2.Kawale. S. R. and Gole Leela; *Sugama Akariha Tarkasastra* Pune Vidyarthz Prakashan Griha Pune 1972
- 3.More, Hema; *Tarkasastra* Nimitta Prakashan Pune 1995
- 4.Daryapurkar, Paramparik Tarkshastra, Bhupali Daryapurkar, Splapur, 1978
- 5.Santosh Thakare, Tarkshastra, Kumbh Prakashan, Amravati, 2001

Books for Reference:

- 1.Copi I. M. *Symbolic Logic* Macmillan Company New York 14 th Edition (Relevant Chapters).
- 2.Quine W.V.O.: *Methods of Logic* (Relevant Chapters)
- 3.A Modern Introduction to Indian Logic: S. S. Barlingay,
- 4.Bhartiya Tarkshastrachi Ruprekha: S. S. Barlingay, Paramarsha Prakashan,University of Pune, Pune.
- 5.Pradnaprabodh: Editor, S. M. Bhavé, Bhartiya Tarkshastrachi Vatchal: ek chikastakadhava, by Pradeep Ghokale, Pradnayapathashala mandal, Wai, 2016
- 6.Logic in Computer Science: Michael Huth and Mark Ryan, Cambridge universitypress, 2004
- 7.Fuzzy Logic: Timothy J. Ross, Wiley publication

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Semester II

Course Title- Propositional Logic
No of Credits:03

Code No- UALP-121
No of Lectures- 48

Objectives

1. To introduce Logic as an academic discipline to students.
2. To teach students to acquire skills in logical thinking, contemplating, philosophizing.
3. To inculcate critical and systematic thinking in student's mind as well as common stakeholders have in general.

PROPOSITIONAL LOGIC

Unit 1: Modern Understanding of Propositions and their Classification

1. Concept of Symbolic logic: nature, scope and applications
2. Modern understanding of Propositions and their classification into:
 - a) Simple and compound propositions
 - b) Truth-functionally and non-truth-functionally compound propositions.
3. Propositional variables, Propositional constants, Logical constants and basic truth functions
4. Symbolizing propositions using the above.

Unit 2: Decision Procedures

1. Concept of decision procedure
2. Use of the following Decision Procedures to identify propositional forms as
 - a) Tautologous,
 - b) Contradictory
 - c) Contingent:
3. Method of Truth Table, Shorter Truth-Table
4. Truth Tree

Unit 3: Proving validity and invalidity

a) Deductive Proof:

1. The relation between Induction and Deduction
2. Concept of Deductive Proof
3. Rules of Inference; The Rule of Replacement.
4. Kinds of Proof:
 - a) Direct proof
 - b) Indirect Proof

b) Proof of Invalidity

- 1) Concept of invalidity
- 2) Use of method of truth values
- 3) Assigning truth values of proving invalid argument

Books to Read:

1. Copi I. M. *Introduction to Logic* Macmillan Company New York (Fourteenth Edition).
2. Kawale. S. R. and Gole Leela; *Sugama Akariha Tarkasastra* Pune Vidyarthi Prakashan Griha Pune 1972
3. More, Hema; *Tarkasastra* Nimitta Prakashan Pune 1995
4. Daryapurkar, Paramparik Tarkshastra, Bhupali Daryapurkar, Splapur, 1978
5. Santosh Thakare, Tarkshastra, Kumbh Prakashan, Amravati, 2001

Books for Reference:

1. Copi I. M. *Symbolic Logic* Macmillan Company New York 14 th Edition (Relevant Chapters).
2. Quine W.V.O.: *Methods of Logic* (Relevant Chapters)
3. A Modern Introduction to Indian Logic: S. S. Barlingay, Bhartiya Tarkshastrachi
4. Ruparekha : S. S. Barlingay, Paramarsha Prakashan, University of Pune, Pune.

Department of Logic and Philosophy

F.Y.B.A Syllabus in Philosophy (Credit System)

Semester I

Course Title- Introduction to Philosophy

Code No- UALP-112

No of Credits:03

No of Lectures- 48

Objectives

1. To introduce Philosophy as an academic discipline to students.
2. To teach students to acquire skills in logical thinking, contemplating, philosophizing.
3. To inculcate critical and systematic thinking in student's mind as well as common stakeholders have in general.

INTRODUCTION OF PHILOSOPHY

Unit 1 : Nature, Scope and History of Philosophy

1. Concept of Philosophy:

Study of the terms 'Philosophy', 'Tattvajnan', 'Darshan', and 'Aanvikshikee',
Concept of 'Misosophy', Bertrand Russell on nature of Philosophy.

2. Science, Philosophy and Relevance of Philosophy:

Natural and Social Science Basic, Ayer on nature of Science and Philosophy,
Relevance of Philosophy in day-to-day life.

3. Origin of Western Philosophical Thoughts:

Brief Introduction of Pre Socratic, Socrates, Plato, Aristotle Philosophy

4. Origin of Indian Philosophical Thoughts:

Brief Introduction of Veda (Samhita, Brahman, Aarnyake, Upanishad) , Shraman
and Lokayat

Unit 2: Brief Introduction of Traditions of Philosophy: Indian, Western, Chinese.

1. Basic understanding of Indian Tradition:

Defining the terms 'Astika' and 'Nastika', Nature of Sutra-Bhasya tradition

2. Astika and Nastika Darshan

Brief introduction of six Astika and three Nastika Darshanas

3. Western: Empiricism, Rationalism, Analytical and Post-Modernism

4. Chinese: Confucianism (The Concept of 'Chi'), Taoism (The Concept of 'Tao').

Unit 3: Branches of Philosophy

1. Epistemology and Logic:

Theory of Knowledge, JTB definition of knowledge, Nyaya definition of Pramana, Logic (Theory of Argument): Deduction, Induction, Anumana Pramana (Nyaya)

2. Metaphysics: Theory of Reality, Idealism (Plato, Advaita Vedanta), Materialism (Democritus, Charvaka), Dualism (Descartes, Samkhya).

3. Ethics-Theory of Morals: Good, Right, Duty, Evolutionary Ethics, Four Purusharthas

4. Aesthetics- Theory of Beauty: Definition of Art, Art and its Classification, The Concept of Rasa, Rasa and Film as art form

Books to Read

1. Satish Chandra Vidyabhusan, "Anviksiki – The Science of Inquiry" (Part one section one), *A History of Indian Logic: Ancient, Mediaeval and Modern Schools*, Motilal Banarsidass, Delhi, 6 edition (2015) ISBN-10: 8120805658, ISBN-13: 978-8120805651, ₹ 1,250.

2. Mary Warnock, *The Uses of Philosophy*, Blackwell, 1992, ISBN 9780631185833

3. Patricia Sayre, "Philosophy as Profession", *What Philosophy is*, Continuum, 11 New York, London, Ed. by Havi Carel and David Games, pp. 241-255, ISBN: 1846840953.
4. Melchert Norman, "Before Philosophy: Myth in Hesiod and Homer", "Philosophy before Socrates", *The Great Conversation: A Historical Introduction to Philosophy*, McGraw Hill, New York, 2007, ISBN 13:9780195306828, 10:0195306821, Pp. 1-1010-24 (Selected paragraphs).
5. James Fieser, Norman Lillegard : "Early Greek Philosophy", Chap. 01, *A Historical Introduction to Philosophy, Text and Interactive Guides*, New York-Oxford, Oxford University Press, 2002, ISBN 0195139844, pp 03-15.
6. Surendranath Dasgupta, "The Vedas, Brahmanas and their Philosophy", Chap. II, *A History of Indian Philosophy*, Volume 1, Motilal Banarsidass Publ., 1975 ISBN 8120804082, 9788120804081
7. Chatterjee, Satishchandra And Datta, Dhirendramohan, *An Introduction To Indian Philosophy*, University of Calcutta, 1968- 7th edition Price Rs. 07.50., Printed and published by Surendranath Kanjilal, Superintendent, Calcutta University Press, 48, Hazra Rd., Ballygunge, Calcutta, Book No.2124 B, January, 1968-Y
8. Jowett, B. (ed.) *Plato's The Republic*, The Modern Library, New York, (1941).
9. Feineberg Joel, *Social Philosophy*, Prentice Hall New Jersey 1973 (Chapters 1 & 4)
10. John Dewey, "Education as Growth" *Democracy, and Education: An Introduction to the Philosophy of Education*, Chap. 4, Macmillan, New York, 1916.
11. Bryan W. Van Norden, *Introduction to Classical Chinese Philosophy* UK ed. Edition, Publisher: Hackett Publishing Company, Inc. UK ed. (March 4, 2011), ISBN-10: 1603844686, ISBN-13: 978-1603844680.

12. Brook Noel Moore, Kenneth Bruder, "Divisions of Philosophy" (pp. 10), "Taoism" (pp. 503), "Confucianism" (pp. 510), *Power of Ideas*, Tata McGraw-Hill Publishing Company, 2005, pp. 10-12, ISBN 0070611106.
13. Strawson Peter, "Construction and Analysis", *The Revolution and Philosophy*, A. J. Ayer. W C Kneal, London MacMillan and Co, pp. 97-110.
14. Richard Rorty, *Philosophy as Cultural Politics*, Philosophical Papers, Vol 4, "Analytic and Conversational Philosophy" 2007, Cambridge University.
15. Bertrand Russell, "Introduction", "The Pre-Socratics" (Part I), *A History of Western Philosophy, and Its Connection with Political and Social Circumstances from the Earliest Times to the Present Day*, London, George Allen & Unwin Ltd. 1961. (Relevant chapters)
16. Louis P. Pojman; *Philosophy, The Quest for Truth*, Oxford University Press, 2000
17. The Oxford Companion to Philosophy, New Edition, Ted Honderich, Oxford University Press, New York, Print ISBN-0199264791, 2005. (Relevant entries)
18. J. L. Masson and M.V. Patwardhan, "Rasa-Imaginative Experiences" *Aesthetic Rapture* Vol. I text, Deccan College, Poona First ed. 1970, Printed by M. S. Latkar, ShriSarswati Mudranalaya, Plot no. 76, E block, Bhosari, Poona 26 , published by Dr. S. M. Katre. Pp. 23-25.

Books for References

1. John Shand; *Fundamentals of philosophy*, Routledge, London and New York, 2003
2. Chandradhar Sharma; *A critical Survey of Indian Philosophy*, Motilal Banarsidass, Delhi, 1998
3. Randall John H. *Philosophy: An Introduction*, Barnes & Noble Inc. , New York, 1969.
4. Aristotle in 23 Volumes, Vol. 19, translated by H. Rackham, Publisher Cambridge Mass : Harvard University Press, 1975, ISBN 0674990811 9780674990814

5. David Conway, *The Rediscovery of Wisdom: From Here to Antiquity in Quest of Sophia*, Publishers: London : Macmillan Publishers Limited Basingstoke : Macmillan Distribution Limited [distributor] Sept. 2007, ISBN 9780333747117, 0333747119.

Department of Logic and Philosophy

F.Y.B.A Syllabus in Philosophy (Credit System)

Semester II

Course Title- Themes and Issues in Philosophy

Code No- UALP-122

No of Credits:03

No of Lectures- 48

Objectives

1. To introduce Philosophy as an academic discipline to students.
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THEMES AND ISSUES IN PHILOSOPHY

Unit 1: The Place of Human Being in the World.

1. Human Being as a combination of mind and body: Atmavada, Anatmavada (Buddhism), Dehatmavada (Charvaka), Modern Scientific view
2. Evolution of human reason Human Being as Rational Being: Aristotle, Platonic, Kantian, Existential, Postmodern approaches to reason
3. Human's relationship with Nature: (a) Animals and plants as relatives -Saint Tukaram (b) The Reverence of the Life (Albert Schweitzer) (c) Hypothesis of Biophilia (Edward Wilson)
4. Interpersonal relation: A model of four sublime attitudes -Maitri, Karuna, Mudita and Upeksha (Patanjali Yoga and Buddhism)

Unit 2: Life and thought of Philosophers

1. Gautama Buddha: Life (Renunciation: Social Reasons; austerities-middle path-enlightenment, *atta-dipo-bhava*- be the island of yourself) Philosophy (Four noble truths)
2. J Krishnamurti's (Leaving of Theosophical Society, Life events, Views on Mind, meditation and Truth)
3. J P Sartre: Life (Participation in socialist movement, rejection of Noble Prize) Philosophy (Authenticity, Freedom, Commitment)
4. Bertrand Russell: Life (Criticism of Imperialism, War and Dogmatic religion) Philosophy ('Value of Philosophy')

Unit 3: Relevance of Philosophy

1. Philosophy of Religion, Religion and Secularism, Equality of religions (approaches of Gandhiji and His Highness the Dalai Lama), Vivekananda's conception of Universal Religion
2. Economic and Media Ethics: Sustainable Development, Consumerism, Need of Media Ethics. Issues: trustworthiness, pornography, Manufacturing Consent (Chomsky)
3. Need for Gender Ethics. Femininity: Natural or a Social construct (Simon de Behavior), Problem of Gender Identity (LGBTIQ: Lesbian, Gay, Bisexual, Transgender, Intersex, and Queer).
4. Caste system as violation of Liberty, Equality, Fraternity (Dr. B.R. Ambedkar)
5. Bio- medical ethics in relation to pandemic

Books to Read

1. S.S. Barlingay, (Three articles) "One World", "Awareness", "Economics of Need and Economics of Want", *Beliefs, Reasons and Reflections*, Indian Philosophical Quarterly Publication, Department of Philosophy, Poona University, Pune, 1983.

2.The Basic Works of Aristotle, Ed by Richard McKeon, Modern Library, New York, 2001 Paperback edition, ISBN 0375757996.

3.Aristotle, *Ethics* (1976) p. 75 and p. 88

4.Albert Schweitzer "Out of My Life and Thought" - An Autobiography. Tr. by Antje Bultmann Lemke, Baltimore, MD, Johns Hopkins University Press; 60th Anniversary Edition (June 11, 2009). Pp 147. ISBN 0801894123

5.Ara Paul Barsam, *Reverence for Life: Albert Schweitzer's Great Contribution to Ethical Thought*, Oxford University Press US, 2008, ISBN 0195329554.

6.Edward O. Wilson, *Bio-philosophy*, Harvard University Press, 1984, ISBN 10: 0674074424, ISBN-13: 9780674074422

7.Aristotelis Santas, "Aristotelian Ethics and Biophilia", published in *Ethics and the Environment*, 19,1 (2014)

8.Brook Noel Moore, Kenneth Bruder, "Hypatia" *Philosophy: Power of Ideas*, Chapt. 05, Tata McGraw-Hill Publishing Company, pp. 84, 2005, ISBN 0070611106.

9.Edward J. Watts, "Hypatia: The Life and Legend of an Ancient Philosopher" (Women in Antiquity) Oxford University Press; 1 edition (March 14, 2017), ISBN-10: 0190210036, ISBN-13: 978-0190210038

10.Maria Dzielska, "Hypatia of Alexandria" Tr. By F. Lyra, Harvard University Press, 1993, 996 by 674437764 (ISBN13: 9780674437760)

11.BERTRAND RUSSELL, "Value of Philosophy", *Problems of Philosophy*, OUP London 1978.

12.Annie Cohen-Solal, *Sartre: A Life*, Pantheon; 1st American edition (May 12, 1987) ISBN-10: 0394525256 ISBN-13: 978-0394525259

13.Warnock, Mary, *The Philosophy of Sartre*, Hutchison University Press London (1965).

14. Chatterjee, Satishchandra And Datta, Dhirendramohan, "An Introduction To IndianPhilosophy", University of Calcutta, 1968- 7th edition Price Rs. 07.50., Printed and published by Surendranath Kanjilal, Superintendent, Calcutta University Press, 48, Hazra Rd., Ballygunge, Calcutta, Book No. 2124 B, January, 1968-Y

15.Mahatma Gandhi, *An Autobiography, or The Story of my Experiments with Truth*, Publisher: Fingerprint! Publishing; First edition (2009), ISBN-10: 8172343116, ISBN- 13: 978-8172343118.

16.George Galloway, *The Philosophy of Religion*, Edinburgh, T & T Clark (1914), New York, C. Scribner's sons, ISBN(s) 1451000677, 1116416166.

17.Dalai Lama XIV *Beyond Religion: Ethics for a Whole World*, Paperback, 188 pages, Publisher: Mariner Books; Reprint edition (6 November 2012) ISBN-10: 054784428X,ISBN-13: 978-0547844282

18.Louis P. Pojman, Lewis Vaughn *The Moral Life: An Introductory Reader in Ethics and Literature*, 5th Edition, Publisher: Oxford University Press; 5th edition (September 6, 2013), ISBN-10: 0199950857, ISBN-13: 978-0199950850,

19.Simone de Beauvoir, "The Childhood" (Book 02, Part 04, Formative Years) *The Second Sex*. Tr. and Ed. By H. M. Harshley, Penguin Books (NZ) Ltd., 1974, 1975, Auckland 10, New Zealand, ISBN 0140034633, pp. 295-351.

20.Nadal, Kevin The SAGE *Encyclopedia of Psychology and Gender*, Thousand Oaks, California, SAGE Publications, p. 1384, ISBN 978-1-4833-8427-6, OCLC 994139871,15 April 2017.

21.Brook Noel Moore, Kenneth Bruder, "Pornography", *Philosophy: Power of Ideas*, Tata McGraw-Hill Publishing Company, 2005, pp. 466-67, ISBN 0070611106.

22.Mark Blasius, *Gay, and Lesbian Politics: Sexuality and the Emergence of a New Ethic*.Temple University Press, ISBN 978-1-56639-173-3, 1994.

23.B. R. Ambedkar, "The Annihilation of Caste", Columbia University, Publisher: Navayana, 10 March 2014, (Originally published, 15 May 1936), Arundhati Roy (Introduction), ISBN10:9788189059637, ISBN13:978-8189059637, ASIN: 8189059637.

24.The Oxford Companion to Philosophy, New Edition, Ted Honderich, Oxford University Press, New York, Print ISBN-0199264791, 2005. (Relevant entries)

Books for Reference

1.Bertrand Russell, "Introduction", "The Pre-Socratics" (Part I), *A History of Western Philosophy, and Its Connection with Political and Social Circumstances from the Earliest Times to the Present Day*, London, George Allen & Unwin Ltd. 1961. (Relevant chapters)

2.*The Cambridge Dictionary of Philosophy*, 2nd edition, Cambridge University Press, 1999, ISBN 0-521-63722-8.

3.Chandradhar Sharma; A critical Survey of Indian Philosophy, Motilal Banarsidass, Delhi, 1998

4.*Dictionary of Philosophy*, D. D. RUNES AND OTHERS, Littlefield Adams & Co, Totowa, New Jersey 1962.

5.Thinking Philosophically: New Classical Versus Neoclassical Frameworks by Richard E. Creel, Published February 8th 2001, Wiley-Blackwell, ISBN 063121934X,ISBN13: 9780631219347.

6.Pojman, Louis & Vaughn, L. *Classics of Philosophy*. New York: Oxford University Press, Inc. (2011).