Anekant Education Society's

Tuljaram Chaturchand College, Baramati

(Autonomous)

Four-Year B.A. Degree Program in Philosophy & Logic

(Faculty of Humanities)

CBCS Syllabus

S.Y. B. A. (Philosophy) Semester - IV

For the Department of Philosophy & Logic

Tuljaram Chaturchand College, Baramati

Choice-Based Credit System Syllabus (2024 Pattern)

(As Per NEP 2020)

To be implemented from Academic Year 2025-2026

Title of the Programme: S.Y.B.A. (Philosophy)

Preamble

AES's Tuljaram Chaturchand College has decided to change the syllabus across various faculties from June 2023 by incorporating the guidelines and provisions outlined in the National Education Policy (NEP), 2020. The NEP envisions making education more holistic and effective and emphasizes integrating general (academic) education, vocational education, and experiential learning. The NEP introduced holistic and multidisciplinary education that would help develop the students' intellectual, scientific, social, physical, emotional, ethical, and moral capacities. The NEP 2020 envisages flexible curricular structures and a learning-based outcome approach for the development of students. By establishing a nationally accepted and internationally comparable credit structure and courses framework, the NEP 2020 aims to promote educational excellence, facilitate seamless academic mobility, and enhance the global competitiveness of Indian students. It fosters a system where educational achievements can be recognized and valued within the country and in the international arena, expanding opportunities and opening doors for students to pursue their aspirations on a global scale.

In response to the rapid advancements in science and technology and the evolving approaches in various domains of Philosophy and related subjects, the Board of Studies in Philosophy & Logic at Tuljaram Chaturchand College, Baramati - Pune, has developed the curriculum for the first semester of F.Y.B.A. Philosophy & Logic, which goes beyond traditional academic boundaries. The syllabus is aligned with the NEP 2020 guidelines to ensure that students receive an education that prepares them for the challenges and opportunities of the 21st century. This syllabus has been designed under the framework of the Choice Based Credit System (CBCS), taking into consideration the guidelines set forth by the National Education Policy (NEP) 2020, LOCF (UGC), NCrF, NHEQF, Prof. R.D. Kulkarni's Report, Government of Maharashtra's General Resolution dated 20th April and 16th May 2023, and the Circular issued by SPPU, Pune, on 31st May 2023.

A degree in Philosophy & Logic equips students with the knowledge and skills necessary for a diverse range of fulfilling career paths. What do we believe and why do we believe it? Who are we, and why are we here? What ought we to do and why should we do it? Philosophy encourages critical and systematic inquiry into fundamental questions of right and wrong, truth and falsehood, the meaning of life, and the nature of reality, knowledge, and society. More than any other discipline, philosophy explores the core issues of the intellectual tradition. It encourages a student to formulate questions and follow arguments. The discipline provides excellent preparation for law school and other professional programs, thereby creating a solid foundation for a career in Teaching, Writing, and editing in Publishing Houses, Public Services, Philosophical Counselling, Public relations, Journalism, and Research

Overall, revising the Philosophy & Logic syllabus under the NEP 2020 ensures that students receive an education that is relevant and comprehensive, and prepares them to navigate the dynamic and interconnected world of today. It equips them with the knowledge, skills, and competencies needed to contribute meaningfully to society and pursue their academic and professional goals in a rapidly changing global landscape.

Programme Specific Outcomes (PSOs)

Program Specific Outcomes (PSOs) for B.A. Philosophy & Logic

***PSO1.* Academic Competence:**

1. Know core issues, problems, and concerns in both Indian and Western traditions.
2. Develop the skills for oral and written communication with special reference to the quality and organization of the content.
3. Explore various branches of Philosophy and their interrelations.

***PSO2.* Personal and Professional Competence:**

1. Process information logically to come up with their position on a certain topic.
2. Analyse a problem from an interdisciplinary perspective

***PSO3.* Research Competence:**

1. Critically evaluate approaches, theories, positions, norms, and values.
2. Analyse concepts and trace their historical development.
3. Logically assess the arguments about their comparative strengths and weaknesses

***PSO4.* Entrepreneurial and Social Competence:**

1. Identify ethically relevant issues in contemporary life and deliberate on them.
2. Develop an open-minded approach and an attitude of respect for diverse opinions.
3. Appreciate the significance of democratic values in intellectual discourses.
4. Apply ethical theories and principles in real-life situations.

***PSO5.* Disciplinary knowledge:**

Acquire comprehensive knowledge of both Indian and Western philosophical systems and apply this understanding in interdisciplinary and professional contexts.

***PSO6.* Communication skills:**

Demonstrate the ability to express ideas and information clearly and persuasively in various interactions; contribute meaningfully to group goals through effective discourse.

***PSO7.* Creative and critical thinking:**

Analyse and identify assumptions, implications, or conclusions in philosophical arguments; understand logically valid structures and fundamental concepts like existence, substance, causation, truth, beauty, and justice.

PSO8. **Self-directed learning:**

Engage in independent study, utilize digital tools and resources effectively, and continuously upgrade philosophical knowledge.

PSO9. **Moral and ethical competency:**

Cultivate habits of honesty, sincerity, and responsibility, contributing to society as a morally grounded global citizen.

PSO10. **Effective Citizenship and Ethics:**

Demonstrate empathy and concern for social issues, upholding moral awareness and a commitment to professional ethics and social responsibility.

PSO.11. **Environment and Sustainability:**

Understand the impact of philosophical thought in environmental and societal contexts; recognize the importance of sustainable development.

PSO12. **Self-directed and Lifelong learning:**

Develop the ability for independent, life-long learning in the context of ongoing socio-technological changes.

Anekant Education Society's

Tuljaram Chaturchand College, Baramati

(Empowered Autonomous)

Board of Studies (BOS) in Philosophy & Logic

From 2025-26 to 2027-28

Sr. No.	Name	Designation
1.	Mr. Krushnat Nagare	Chairman
2.	Mr. Rushikesh Yadav	Internal Member
3.	Dr. Shridhar Akashkar	Vice-Chancellor Nominee
4.	Dr. Navnath Raskar	Experts from other University
5.	Dr. Balasaheb Mulik	Experts from other University
6.	Dr. Anuradha Bhosale Dewan	Industry/ Corporate Sector Representative
7.	Mr. Vikas Barkade	Alumni
8.	Mr. Sagar Kadam	Student Representative

Course Structure for S.Y.B.A. PHILOSOPHY & LOGIC (2024 Pattern) as per NEP-2020

Sem	Course Type	Course Code	Course Name	Theory / Practical	Credits
III	Major Mandatory	PHI-201-MRM	Fundamentals of Indian Philosophy	Theory	04
	Major Mandatory	PHI-202-MRM	Basics of Western Philosophy	Theory	02
	Vocational Skill Course (VSC)	PHI-203-VSC	Philosophy of Yoga	Theory	02
	Field Project (FP)	PHI-204-FP	Philosophical Field Study	Theory/ Practical	02
	Minor	PHI-205-MN	Classical Logic	Theory	04
	Open Elective (OE)	PHI-206-OE	Logical Methods & Decision Making	Theory	02
	Indian Knowledge System (IKS)	PHI-207-IKS	Ancient Indian Philosophical Knowledge	Theory	02
	Ability Enhancement Course (AEC)	MAR-210-AEC HIN-210-AEC SAN-210-AEC	-	Theory (Any One)	02
	Co-curricular Course (CC)	NSS/NCC/YOG/ CUL/PHY-211-CC	To be selected from the Semester II		02
	Total Credits Semester-III				**22**
IV	Major Mandatory	PHI-251-MRM	Outline of Western Philosophy	Theory	04
	Major Mandatory	PHI-252-MRM	Ancient Indian Thought: Vedic & Non-Vedic	Theory	02
	Vocational Skill Course (VSC)	PHI-253-VSC	Practical Aspects of Yoga	Theory	02
	Community Engagement Project (CEP)	PHI-254-CEP	Philosophy in Action: Community Engagement	Theory	02
	Minor	PHI-255-MN	Principles of Symbolic Logic	Theory	04
	Open Elective (OE)	PHI-256-OE	Deductive & Relational Logic	Theory	02
	Skill Enhancement Course(SEC)	PHI-257-SEC	Philosophy & Psychology of Environment	Theory	02
	Ability Enhancement Course (AEC)	MAR-260-AEC HIN-260-AEC SAN-260-AEC	-	Theory (Any One)	02
	Co-curricular Course (CC)	NSS/NCC/YOG/ CUL/PHY-261-CC	To be selected from the Semester III		02
	Total Credits Semester-IV				**22**
	Cumulative Credits: Semester III + Semester IV				**44**

CBCS Syllabus as per NEP 2020 for SYBA Philosophy
(w. e. from October 2025)

Name of the Programme	: B.A. Philosophy
Program Code	: PHI
Class	: S.Y.B.A.
Semester	: IV
Course Type	: Major Mandatory (Theory)
Course Name	: Outline of Western Philosophy
Course Code	: PHI-251-MRM
No. of Lectures	: 60
No. of Credits	: 04

A. Course Objectives:

1. To understand the key periods of Western philosophy and their historical contexts.
2. To analyse primary texts from major Western philosophers.
3. To discuss fundamental philosophical questions regarding reality, knowledge, and morality.
4. To encourage students to appreciate outlooks in a globalised world.
5. To develop critical thinking skills by analysing philosophical arguments.
6. To recognize the influence of these philosophers on later Western thought and modern philosophy.
7. To develop critical reading, writing, and reasoning skills

B. Course Outcomes (COs):

CO1. Students will understand the core of Socratic ethics and its emphasis on virtue as knowledge.
CO2. Students will be able to use the Socratic method to engage in philosophical discussions and debates.
CO3. Students will understand Plato's views on the role of knowledge in ethical and political life.
CO4. Students will understand Aristotle's theory of causality and its application to the natural world.
CO5. Students will understand Augustine's contribution to the faith-reason debate
CO6. Students will be able to explain Aquinas' rational arguments for the existence of God.
CO7. Have a thorough understanding of the major philosophers of ancient and medieval Western thought.

Semester- IV PHI-251-MRM Outline of Western Philosophy

Unit No.	Topics & Learning Points	No. of Hours
1	**Socrates Philosophy** A. Introduction B. "Virtue is knowledge" C. Socratic Method	12
2	**Plato** A. Theory of Forms B. Theory of knowledge C. The Philosopher-king	12
3	**Aristotle** A. Causation: four causes B. Form and Matter C. Concept of God	12
4	**Saint Augustine** A. Faith and reason B. Concept of Love. C. The Nature of the Soul	12
5	**Thomas Aquinas** A. Life and intellectual background B. Faith and Reason C. The Existence of God	12

Readings: Reference Book:

1. Copleston, F. *A. - History of Philosophy, Vols. 1-9*
2. Plato - *The Republic*
3. *Aristotle - Nicomachean Ethics (Book I)*
4. Augustine - Confessions
5. *Aquinas- Summa Theologica* (The Five Ways)
6. C. D. Sharma: A Critical Survey of Indian Philosophy
7. M. Hiriyanna: Outlines of Indian Philosophy
8. Daniel J. O'Connor (ed.), A Critical History of Western Philosophy, McMillan, 1985
9. D. I. O. Connoz : - A critical History of Western Philosophy.
10. डॉ. राजेश्वरी शं. महाजन - पश्चिमी तत्त्वज्ञान
11. डॉ. गणेश वसंत काळे - पश्चिमी तत्त्वज्ञानाच्या ऐतिहासिक रूपरेषा
12. शं. ना. नवरे - दार्शनिकांच्या गप्पा
13. गिरीश बगुल - जगातील प्रसिद्ध तत्त्वज्ञ
14. दे. द. वाडेकर - मराठी तत्त्वज्ञान महाकोष

Choice-Based Credit System Syllabus (2024 Pattern)

(As Per NEP 2020)

Mapping of Program Outcomes with Course Outcomes

Class: SYBA (Sem IV) **Subject:** Philosophy
Course: Outline of Western Philosophy **Course Code:** PHI-251-MRM
Weightage: 1= weak or low relation, 2= moderate or partial relation, 3= strong or direct relation

Programme Outcomes (POs)

Course Outcomes	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10
CO 1	3	2	2	2	1	2	1	3	1	1
CO 2	3	3	2	2	1	2	2	3	1	3
CO 3	3	2	2	2	1	2	2	2	1	2
CO 4	3	2	1	3	2	2	1	2	1	1
CO 5	3	2	2	2	1	2	1	3	1	1
CO 6	3	2	1	3	1	2	1	3	1	1
CO 7	3	2	2	3	2	3	2	3	2	2

Justification for the Mapping

CO1 → Strong with PO1 (critical thinking) and PO8 (values), moderate with PO2, PO3, PO4.

CO2 → Strong with PO1, PO2, PO8, moderate with PO3, PO4, PO6, PO7, PO10.

CO3 → Directly maps to PO1, PO8, moderate with PO2, PO3, PO4, PO6, PO7, PO10

CO4 → Strong to PO1, PO4, moderate to PO5, PO6, slight relation to PO8

CO5 → Strong with PO1, PO8, moderate with PO2, PO3, PO4, PO6

CO6 → Strong with PO1, PO4, PO8, weak-to-moderate with PO2, PO6.

CO7 → Strong mapping to PO1, PO4, PO6, PO8, also connects moderately to PO2, PO3, PO5, PO7, PO9, PO10 as it synthesizes the whole course.

CBCS Syllabus as per NEP 2020 for SYBA Philosophy
(w. e. from October 2025)

Name of the Programme	: B.A. Philosophy
Program Code	: PHI
Class	: S.Y.B.A.
Semester	: IV
Course Type	: Major Mandatory (Theory)
Course Name	: Ancient Indian Thought: Vedic & Non-Vedic
Course Code	: PHI-252-MRM
No. of Lectures	: 30
No. of Credits	: 02

A. Course Objectives:

1. Understand the fundamental nature and scope of Indian philosophy.
2. Examine key concepts in Vedic philosophy, including Dharma, Karma, and the Vedas.
3. Analyse Upanishadic ideas and their influence on Indian thought.
4. Explore the ethical and philosophical frameworks of Jainism and Buddhism.
5. Compare and contrast Vedic and Non-Vedic philosophies
6. Evaluate the relevance of ancient Indian thought in contemporary society
7. Develop analytical skills to critically engage with philosophical texts.

B. Course Outcomes:

CO1. Demonstrate understanding of Indian philosophy, Vedic texts, and key concepts.
CO2. Explain the nature, significance, and core teachings of the Upanishads
CO3. Illustrate ethical and philosophical principles of Jain and Buddhist traditions.
CO4.Compare and contrast Vedic and Non-Vedic philosophical perspectives
CO5. Analyse the application of ancient Indian thought to contemporary social and ethical issues.
CO6. Engage in critical discussions on philosophy using reasoned arguments.
CO7. Develop reflective insights into personal beliefs and worldview informed by Indian philosophy.

Semester- IV PHI-252-MRM Ancient Indian Thought: Vedic & Non-Vedic

Unit No.	Topics & Learning Points	No. of Hours
1	**Indian Philosophy and Vedic Thought** A. Indian Philosophy: Definition, nature, and characteristics B. Vedas: Types (Rigveda, Yajurveda, Samaveda, Atharvaveda) C. Key Concepts: Dharma, Karma	10
2	**Upanishadic and Non-Vedic Philosophy** A. Upanishads: Nature and significance B. Core Concepts: Brahman, Atman C. Jain and Buddhist Philosophy: Ahimsa, Karma, Nirvana	10
3	**Comparative Perspectives** A. Vedic and Non-Vedic views on knowledge B. Ethical dimensions in different schools C. Relevance of Indian thought in the contemporary context	10

Learning resources:

1. Dasgupta, S.N., History of Indian Philosophy, Vol. I to V, seventh edition, 2007
2. Datta and Chatterjee, An Introduction to Indian Philosophy, University of Calcutta, Calcutta
3. Sharma C.D.: A Critical Survey of Indian Philosophy, Motilal Banarsidass, Delhi, 1998
4. Hiriyanna, M: Outlines of Indian Philosophy, London, 1956
5. Dr. Gopalakrishna N. Bhat, Vedas and eighteen faculties of knowledge
6. . M. Hiriyanna: Outlines of Indian Philosophy, MLBD Publication, New Delhi. 1993
7. भारतीय तत्वज्ञान - श्री. ह. दिक्षीत
8. सर्वदर्शनसंग्रह - द. वा. जोग
9. भारतीय तत्वज्ञानाची रूपरेषा - श्री. भा. ग. केतकर
10. मराठी तत्त्वज्ञान महाकोश (तीन खंड), मराठी तत्त्वज्ञान महाकोश मंडळ, पुणे ३०, प्रकाशन काळ १९७४ प्रमुख संपादिक प्रा. दे. द. वाडेकर, पुणे.
11. भारतीय तत्त्वज्ञान - डॉ. वेदप्रकाश डोणगावकर
12. भारतीय तत्त्वज्ञान – डॉ. सुरेंद्रनाथ दासगुप्ता
13. भगवद्गीता आणि तत्त्वज्ञान – प्रा. माधव कुलकर्णी

Journals & Articles:

1. Journal of Indian Philosophy (Springer)
2. Philosophy East & West (University of Hawaii Press)

Choice-Based Credit System Syllabus (2024 Pattern)

(As Per NEP 2020)

Mapping of Program Outcomes with Course Outcomes

Class: SYBA (Sem IV) **Subject:** Philosophy
Course: Ancient Indian Thought: Vedic & Non-Vedic **Course Code:** PHI-252-MRM
Weightage: 1= weak or low relation, 2= moderate or partial relation, 3= strong or direct relation

Programme Outcomes (POs)

Course Outcomes	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10
CO 1	3	2	2	2	1	2	1	3	1	1
CO 2	3	2	2	2	1	2	1	3	1	1
CO 3	2	2	3	2	2	2	2	3	1	2
CO 4	3	2	3	3	2	3	2	2	1	2
CO 5	3	2	3	2	2	3	2	3	1	3
CO 6	3	3	2	2	1	3	3	2	1	2
CO 7	3	2	2	2	1	3	2	3	1	2

Justification for the Mapping

CO1: Understanding Indian philosophy and Vedic texts strengthens critical thinking (PO1), research skills (PO4), communication skills (PO2), and value inculcation (PO8).
CO2: Explaining Upanishads engages analytical and research skills (PO1, PO4), encourages critical thinking (PO1), and reinforces value inculcation (PO8).
CO3: Learning Jainism and Buddhism promotes multicultural competence (PO3), ethical awareness (PO8), and understanding societal issues (PO5, PO10).
CO4: Comparing Vedic and Non-Vedic thought enhances problem-solving (PO6), critical thinking (PO1), and research skills (PO4).
CO5: Applying ancient thought to contemporary issues addresses societal challenges (PO6), community engagement (PO10), and ethical values (PO8).
CO6: Engaging in discussions develops communication skills (PO2), collaboration (PO7), critical thinking (PO1), and problem-solving (PO6).
CO7: Reflection on personal worldview strengthens ethical and value-based reasoning (PO8), critical thinking (PO1), and problem-solving abilities (PO6).

CBCS Syllabus as per NEP 2020 for SYBA Philosophy
(w.e. from October 2025)

Name of the Programme	: B.A. Philosophy
Program Code	: PHI
Class	: S.Y.B.A.
Semester	: IV
Course Type	: Vocational Skill Course (VSC) (Theory)
Course Name	: Practical Aspects of Yoga
Course Code	: PHI-253-VSC
No. of Lectures	: 30
No. of Credits	: 02

A. Course Objectives:

1. To introduce the practical significance of Yoga in maintaining holistic health.
2. To develop awareness of the preventive and curative aspects of Yoga.
3. To provide knowledge of different meditation techniques for stress reduction.
4. To familiarize students with different paths of Yoga (Karma, Bhakti, Jnana, Hatha).
5. To enable students to practice Yoga as a lifestyle discipline.
6. To create awareness about Patanjali's Ashtanga Yoga and its application in life.
7. To connect Yoga practices with modern-day challenges such as stress, anxiety, and lifestyle disorders

B. Course Outcomes:

CO1. Explain the relationship between Yoga and health.
CO2. Demonstrate basic Yoga practices and their physical/mental benefits.
CO3. Understand the concept and significance of meditation.
CO4. Practice techniques such as Dhyana and Vipashyana for self-development.
CO5. Differentiate between major types of Yoga (Karma, Bhakti, Jnana, Hatha)..
CO6. Apply Patanjali's Ashtanga Yoga in daily life..
CO7. Integrate Yoga practices for stress management, concentration, and balanced living.

Semester- IV PHI-253-VSC Practical Aspects of Yoga

Unit No.	Topics & Learning Points	No. of Hours
1	**Yoga and health** A. Yoga for Health: Importance of Yoga in Daily Life B. Physical, mental, and spiritual benefits of Yoga C. Yoga and lifestyle diseases (stress, hypertension, obesity, etc.)	10
2	**Techniques of Meditation** A. Meditation: Meaning, nature, and significance B. Different techniques: Dhyana, Vipashyana, Mindfulness C. Role of meditation in mental peace and concentration	10
3	**Types of Yoga** A. Jnanayoga, Hathyoga B. Patanjali's Ashtanga Yoga C. Application of Yoga in contemporary life: Stress management, education, work-life balance	10

Learning resources:

1. B. K. S. Iyengar: Light on Yoga, London, 2014
2. M. Hirianna, Outlines of Indian Philosophy
3. Osho – *The Heart of Yoga*.
4. HathaYoga pradipika (Sanskrit with Hindi translation), Khemaraj Shrikrishnadass Prakashan, Mumbai 2009
5. Sharma Chandradhar; A critical Survey of Indian Philosophy, Motilal Banarsidass, Delhi, 1998.
6. Shand John; Fundamentals of Philosophy, Routledge, London and New York,2003
7. प्रा.सौ. माधवी कवी, तत्त्वज्ञान (तत्व-प्रकाश), विद्या प्रकाशन नागपूर, 2020
8. डॉ. वेदप्रकाश डोणगावकर,भारतीय तत्त्वज्ञान, मैत्री प्रकाशन, लातूर, 2020
9. प्रा. पां. दा. चौधरी, भारतीय तत्त्वज्ञानाचा इतिहास, मंगेश प्रकाशन, नागपूर, 2002
10. कृष्णाजी केशव कोल्हटकर, भारतीय मानसशास्त्र अर्थात पातंजल योगदर्शन

Web Resources:

1. Ministry of AYUSH (Govt. of India) official Yoga guidelines.
2. WHO resources on Yoga and health.
3. Online lectures/workshops by Art of Living, Isha Foundation, Ramamani Iyengar Institute.

Choice-Based Credit System Syllabus (2024 Pattern)

(As Per NEP 2020)

Mapping of Program Outcomes with Course Outcomes

Class: SYBA (Sem IV) **Subject:** Philosophy
Course: Practical Aspects of Yoga **Course Code:** PHI-253-VSC

Weightage: 1= weak or low relation, 2= moderate or partial relation, 3= strong or direct relation

Programme Outcomes (POs)

Course Outcomes	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10
CO 1	2	2	1	1	3	2	1	2	1	2
CO 2	2	2	1	1	3	3	2	2	1	3
CO 3	3	2	2	1	2	2	1	3	1	2
CO 4	3	2	2	1	2	3	2	3	1	2
CO 5	3	2	2	2	2	2	2	3	1	2
CO 6	3	2	2	2	3	3	2	3	1	3
CO 7	3	2	2	1	3	3	2	3	1	3

Justification for the Mapping

CO1: Builds understanding of health through Yoga → directly linked to environmental awareness (PO5), critical thinking (PO1), and value inculcation (PO8).
CO2: Performing Yoga improves teamwork in group practice (PO7), problem-solving (PO6), and contributes to well-being/community engagement (PO10).
CO3: Meditation develops creative thinking (PO1), communication with self-awareness (PO2), multicultural acceptance of practices (PO3), and value inculcation (PO8).
CO4: Dhyana/Vipashyana strengthens self-development, problem-solving (PO6), and ethical orientation (PO8).
CO5: Understanding diverse Yoga types (Karma, Bhakti, Jnana, Hatha) promotes comparative analysis (PO1), multicultural competence (PO3), and value inculcation (PO8).
CO6: Applying Ashtanga Yoga integrates discipline, balance, environmental awareness (PO5), teamwork (PO7), and service (PO10).
CO7: Stress management and concentration techniques directly support problem-solving (PO6), balanced life (PO8), and social/community well-being (PO10).

CBCS Syllabus as per NEP 2020 for SYBA Philosophy
(w. e. from October 2025)

Name of the Programme	: B.A. Philosophy
Program Code	: PHI
Class	: S.Y.B.A.
Semester	: IV
Course Type	: Minor (Theory)
Course Name	: Principles of Symbolic Logic
Course Code	: PHI-255-MN
No. of Lectures	: 60
No. of Credits	: 04

Course Objectives:

1. To introduce the fundamental concepts of Symbolic Logic.
2. To develop the ability to classify propositions and analyse their truth values.
3. To equip students with skills to construct and evaluate truth tables.
4. To train students in methods of decision procedure for logical validity.
5. To inculcate the practice of deductive proofs and rules of inference.
6. To provide basic knowledge of Set Theory and its logical applications.
7. To enhance critical and analytical thinking for problem-solving.

B Course Outcomes:

CO1. Understand the basic structure and classification of propositions in Symbolic Logic.
CO2. Construct and interpret truth tables for compound propositions.
CO3. Distinguish tautology, contradiction, and contingency through logical analysis.
CO4. Apply decision procedures (truth-table and shorter truth-table) to determine validity.
CO5. Demonstrate proficiency in applying rules of inference and deductive proof techniques.
CO6. Apply concepts of Set Theory in logical reasoning and problem solving.
CO7. Develop critical and logical thinking skills applicable in academic and practical contexts.

Semester- IV PHI-255-MN Principles of Symbolic Logic

Unit No.	Topics & Learning Points	No. of Hours
1	**Introduction to Symbolic Logic** A. Introduction B. Classification of Propositions: Simple and Compound C. Basic Truth-functions	12
2	**Truth Tables** A. Tautologies B. Contradictory C. Contingent	12
3	**Methods of Decision Procedure** A. Truth-table B. Shorter Truth-table C. Exercises and examples	12
4	**Deductive proof** A. Rules of Inference B. Types of deductive proof: Direct Proof and Conditional Proof C. Exercises of direct and conditional proof	12
5	**Set Theory** A. Introduction to Set Theory B. Types of Set C. Exercises of set examples	12

Readings: Reference Book:

1. Cope, I. M., Introduction to Logic, Macmillan Co., New York, 1986. (14th Edition)
2. Copi, I. M., Symbolic Logic, Macmillan Co., New York, 1995 (5th Ed.).
3. Pattrick Suppees (Chapter on Set Theory)
4. Symbolic logic (4th ed.) I. M. Cope.
5. Formal logic: scope and limits
6. तर्कविद्या भाग १,२ डॉ. बी. आर. जोशी, प्रा. कुलकर्णी, प्रा. मठवाले
7. तर्कशास्त्र (पारंपरिक व सांकेतिक) – डॉ. सुनील ब. भोईटे
8. तर्कशास्त्र - श्रीनिवास दीक्षित
9. तर्कशास्त्राची मूलतत्त्वे वाडेकर दे.द.
10. सुलभ तर्कशास्त्र प्रा मुकुंद कदम
11. पारंपरिक तर्कशास्त्र - नांगरे, फडतारे, चौगुले, हिरवे, वाघमोडे

Online Resources:

1. Stanford Encyclopedia of Philosophy (Logic)
2. Coursera / NPTEL courses on Logic and Reasoning

Choice-Based Credit System Syllabus (2024 Pattern)

(As Per NEP 2020)

Mapping of Program Outcomes with Course Outcomes

Class: SYBA (Sem IV) **Subject:** Philosophy
Course: Principles of Symbolic Logic **Course Code:** PHI-255-MN
Weightage: 1= weak or low relation, 2= moderate or partial relation, 3= strong or direct relation

Programme Outcomes (POs)

Course Outcomes	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10
CO 1	3	2	1	2	1	2	1	2	2	1
CO 2	3	2	1	3	1	3	1	2	3	1
CO 3	3	2	3	1	3	1	3	2	2	1
CO 4	3	2	2	3	1	3	1	2	3	1
CO 5	3	2	2	3	1	3	2	3	3	2
CO 6	3	2	2	3	2	3	2	2	3	2
CO 7	3	3	2	3	2	3	2	3	2	3

Justification for Mapping

CO1: Understanding propositions builds *critical thinking (PO1)* and *communication clarity (PO2)*, useful for value inculcation (PO8) and digital application (PO9).

CO2: Truth tables enhance *analytical thinking (PO1, PO4)* and *problem-solving (PO6)*; ICT tools (PO9) can support construction.

CO3: Identifying tautology/contradiction strengthens *critical and creative thinking (PO1)*, *multicultural logical analysis (PO3)*, and *problem-solving (PO6)*

CO4: Decision procedures develop *research skills (PO4)* and *problem-solving abilities (PO6)*, requiring ICT-based analysis (PO9).

CO5: Rules of inference/proofs directly sharpen *reasoning and logical decision-making (PO1, PO4, PO6)*, and support *teamwork/communication (PO2, PO7)*

CO6: Applying set theory concepts integrates *logic with mathematics*, fostering *environmental/systematic awareness (PO5)*, *problem-solving (PO6)*, and ICT-based analysis (PO9).

CO7: Builds *critical and logical thinking (PO1)*, *clear communication (PO2)*, *ethical reasoning (PO8)*, and *community relevance (PO10)* by applying logical tools to real-life contexts.

CBCS Syllabus as per NEP 2020 for SYBA Philosophy
(w. e. from October 2025)

Name of the Programme	: B.A. Philosophy
Program Code	: PHI
Class	: S.Y.B.A.
Semester	: IV
Course Type	: Open Elective (OE) (Theory)
Course Name	: Deductive & Relational Logic
Course Code	: PHI-256-OE
No. of Lectures	: 30
No. of Credits	: 02

A. Course Objectives:

1. To introduce the basic concepts, language, and methods of deductive and relational logic.
2. To understand the logical structure of propositions, predicates, and quantifiers.
3. To analyse arguments using rules of inference and methods of deduction.
4. To examine the properties and types of logical relations in symbolic form.
5. To enhance reasoning, problem-solving, and analytical skills through logic.
6. To explore the applications of logic in computer science, artificial intelligence, and data analysis.
7. To promote critical and reflective thinking by connecting logic to real-life reasoning and decision-making.

B. Course Outcomes:

CO1: Describe the fundamental principles of deductive and relational logic.
CO2: Use quantifiers and predicates accurately in logical expressions.
CO3: Apply rules of inference and deduction to test the validity of arguments.
CO4: Analyse different logical relations and their properties.
CO5: Utilize logical methods for solving real-world and theoretical problems.
CO6: Demonstrate the practical use of logic in technology, AI, and communication.
CO7: Develop a critical, systematic, and ethical approach to reasoning and decision-making.

Semester- IV PHI-256-OE Deductive & Relational Logic

Unit No.	Topics & Learning Points	No. of Hours
1	**Quantifiers and Predicate Logic** A. Introduction to Predicate Logic B. Universal and Existential Quantifiers C. Translation of ordinary language statements into Predicate Logic	10
2	**Relational Logic** A. Introduction to Relational Logic B. Nature and Types of Relations C. Logical Analysis of Relations	10
3	**Applications of Logic** A. Logic in Computer Science and Artificial Intelligence B. Real-world Problem Solving with Logical Tools C. Logical Reasoning in Everyday Decision-Making and Communication	10

Learning resources:

1. I.M. Copi, Introduction to logic (truth edition), Macmillan Company, New York.
2. Athale and Bodas, Tarkasangraha, (Relevant chapters)
3. Copi I.M. Symbolic Logic (6th edition), Macmillan Company, New York.
4. Vidyabhushan S.C., History of Indian Logic, Motilal Banarsidass, 1978.
5. Stephen Barker, Elements of Logic.
6. तर्कशास्त्र पारंपरिक आणि सांकेतिक - प्रा. डॉ. सुनील ब. भोईटे
7. आकारिक तर्कशास्त्र - मे. पु. रेगे.
8. तर्कविद्या भाग १, २- डॉ. बी. आर जोशी, प्रा. कुलकर्णी, मठवाले
9. आधुनिक तर्कशास्त्र - नांगरे, डॉ. चौगुले, प्रा. फरतारे (शिवाजी वि. कोल्हापूर)
10. तर्कशास्त्र – श्रीनिवास दिक्षीत
11. तर्कशास्त्राची मूलतत्वे.- वाडेकर दे. द.
12. पारंपारिक तर्कशास्त्र - नांगरे, फडतारे, चौगुले, हिरवे, वाघमोडे

Choice-Based Credit System Syllabus (2024 Pattern)

(As Per NEP 2020)

Mapping of Program Outcomes with Course Outcomes

Class: SYBA (Sem IV) **Subject:** Philosophy
Course: Deductive & Relational Logic **Course Code:** PHI-256-OE
Weightage: 1= weak or low relation, 2= moderate or partial relation, 3= strong or direct relation

Programme Outcomes (POs)

Course Outcomes	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10
CO 1	3	2	1	2	1	2	1	2	2	1
CO 2	3	2	1	3	1	3	1	2	3	1
CO 3	3	2	2	3	1	3	2	3	2	2
CO 4	3	2	2	3	1	3	1	2	3	2
CO 5	3	3	2	3	2	3	2	3	3	2
CO 6	3	3	2	3	2	3	2	2	3	3
CO 7	3	3	3	3	2	3	2	3	2	3

Justification for Mapping

CO1 strengthens critical and analytical thinking (PO1) through understanding logic's foundations; supports communication (PO2) and ethical reasoning (PO8) by improving clarity in argumentation.

CO2 connects to research skills (PO4) and digital literacy (PO9) as students learn to formalize arguments using quantifiers and symbols — useful in computer science and AI.

CO3 directly enhances problem-solving (PO6), critical reasoning (PO1), and team-based discussion (PO7) through practical exercises in proof and argument validity.

CO4 promotes systematic research (PO4) and cross-cultural-logical analysis (PO3) by studying relations that underlie diverse reasoning systems.

CO5 applies logic to real-world issues (PO6, PO10) and develops decision-making (PO1, PO8) through rational problem-solving frameworks.

CO6 integrates technological and AI applications (PO9) of logic, enhancing communication skills (PO2) and collaborative understanding (PO7).

CO7 focuses on ethical, reflective, and rational decision-making (PO8), integrating critical and creative thought (PO1) with social responsibility (PO10).

CBCS Syllabus as per NEP 2020 for SYBA Philosophy & Logic
(w. e. from October 2025)

Name of the Programme	**: B.A Philosophy & Logic**
Program Code	**: PHI**
Class	**: S.Y.B.A.**
Semester	**: IV**
Course Type	**: Skill Enhancement Course (SEC) (Theory)**
Course Name	**: Philosophy & Psychology of Environment**
Course Code	**: PHI-257-SEC**
No. of Lectures	**: 30**
No. of Credits	**: 02**

A. Course Objectives:

1. To introduce students to the basic concepts of environmental psychology and its interdisciplinary scope.
2. To understand the reciprocal relationship between human behaviour and environmental conditions.
3. To analyse the psychological factors influencing pro-environmental behaviour and decision-making.
4. To explore the role of education and awareness in promoting sustainable lifestyles.
5. To examine philosophical perspectives on environmental ethics and the critique of anthropocentrism.
6. To evaluate the moral and social implications of consumerism and environmental degradation.
7. To encourage critical reflection on the ethical duties of individuals and societies towards nature and sustainability.

B. Course Outcomes:

CO1. Define and explain key concepts in environmental psychology and philosophy.
CO2. Demonstrate understanding of how human psychology interacts with the physical and social environment.
CO3. Identify and assess factors that motivate or hinder pro-environmental behaviour.
CO4. Apply psychological insights to promote environmental awareness and responsible behaviour.
CO5. Analyse and critique anthropocentric and consumerist approaches from a philosophical perspective.
CO6. Evaluate the ethical dimensions of environmental issues in light of global and local challenges.
CO 7. Integrate philosophical and psychological approaches to design or recommend sustainable solutions for environmental problems.

Semester- IV PHI-257-SEC Philosophy and Psychology of Environment

Unit No.	Topics & Learning Points	No. of Hours
1	The Psychological Impact of the Environment A. Human–Environment Interaction B. Concept and Scope of Environmental Psychology C. Influence of Natural and Built Environments on Human Behaviour."	10
2	The Psychology of Environmental Behaviour A. Factors Influencing Pro–Pro-Environmental Behaviour (Values, Attitudes, Emotions) B. Role of Environmental Education and Public Awareness C. Motivation and Behavioural Change for Sustainability	10
3	Philosophical and Ethical Perspectives A. Critique of Anthropocentrism and Consumerism B. Environmental Ethics and Global Responsibility C. Role of Public Policy and Collective Action in Environmental Protection	10

Learning resources:

1.The Spell of the Sensuous" by David Abram
2. The Ethics of Climate Change" by James Garvey
3. Environmental Psychology: An Introduction" by Linda Steg, Agnes van den Berg, and Judith I. M. de Groot
4."Planet Earth" (BBC Documentary Series)
5.A Sand County Almanac" by Aldo Leopold
6. पर्यावरण तत्त्वज्ञान - डॉ. विनायक श्रीधर आपटे
7. माणूस आणि पर्यावरण - प्रा. नंदकुमार राणे
8. पर्यावरण आणि नैतिकता - प्रा. सुभाष साठे
9. सतत विकास आणि पर्यावरण - डॉ. शरद भागवत

Online / Supplementary Resources

1. UNESCO (2022): *Education for Sustainable Development Toolkit*
2. Stanford Encyclopedia of Philosophy: "Environmental Ethics" and "Psychology and Environment"
3. UN Environment Programme (UNEP): *Global Environment Outlook Reports*

Choice-Based Credit System Syllabus (2023 Pattern)

Mapping of Program Outcomes with Course Outcomes

Class: SYBA (Sem IV) **Subject:** Philosophy
Course: Philosophy and Psychology of Environment **Course Code: PHI-257-SEC**

Weightage: 1= weak or low relation, 2= moderate or partial relation, 3= strong or direct relation

Programme Outcomes (POs)

Course Outcomes	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10
CO 1	3	2	2	2	3	2	1	3	2	2
CO 2	3	3	3	2	3	3	2	3	2	3
CO 3	3	2	3	2	3	3	2	3	2	3
CO 4	3	3	3	3	3	3	3	3	2	3
CO 5	3	2	2	2	3	2	1	3	2	2
CO 6	3	2	3	3	3	3	3	2	3	3
CO 7	3	3	3	3	3	3	3	3	3	3

Justification for the mapping

CO1 directly supports PO1 (Critical Thinking) and PO5 (Environmental Awareness) through conceptual clarity about the philosophical and psychological foundations of environmental thought.
CO2 integrates PO2 (Communication Skills) and PO3 (Multicultural Competence) by exploring human–environment interactions across different social and cultural contexts.
CO3 aligns with PO6 (Problem Solving) and PO8 (Value Inculcation) by analyzing factors that shape environmental attitudes and behaviours.
CO4 has strong alignment with PO5 (Environmental Awareness), PO6 (Problem Solving), and PO10 (Community Engagement) through the application of psychology to foster sustainable behaviour.
CO5 connects with PO1 (Critical Thinking) and PO8 (Value Inculcation) by challenging anthropocentric and consumerist ideologies from ethical and philosophical standpoints

CO6 strengthens PO4 (Research Skills) and PO5 (Environmental Awareness) through the evaluation of moral and global dimensions of ecological issues.
CO7 shows comprehensive integration, contributing to PO1–PO10, especially PO5 (Environmental Awareness), PO6 (Problem Solving), PO8 (Value Inculcation), and PO10 (Community Engagement) — by proposing practical, interdisciplinary solutions.