

Kolhan University, Chaibasa
A Four-Year Under Graduate Programme (FYUGP) in Philosophy

Full Marks: 100 (IA: 25 Marks + ESE: 75 Marks)

Pass Marks: 40

Paper: MJ 4

Semester: III

Introduction to Logic

Credits: 4

1. Origin and Development of Logic; Difference between Sentence and Proposition; Difference between Deductive Logic and Inductive Logic.
 2. Categorical Propositions: Quality and Quantity of Categorical Propositions, Distribution of terms, Traditional Square of Opposition, Venn Diagrams for Categorical Propositions, Immediate Inference: Conversion, Obversion, Contraposition and Inversion.
 3. Categorical Syllogism: Standard Form, Mood and Figure, Venn Diagrams for Categorical Syllogism, Syllogistic Rules and Syllogistic Fallacies.
 4. Propositional Logic: Modern Logic and Symbols, Truth Functions and Logical Operators, Conjunction, Negation, Disjunction.
 5. Statement and Statement Forms, Argument and Argument Forms, Truth Tables of Propositions, Truth Table for Arguments, Indirect Truth Table, Tautology, Contradiction, Contingency, Logical Equivalence and Material Equivalence, Sound Argument.
 6. Basic Logic Gates: Or Gate, AND Gate, NOT Gate, XOR Gate; Boolean Expression of Gates and Truth Table of Gates.
 7. Analogies and Analogical Arguments, Causality and Causal Arguments.
 8. Mill's Methods of Experimental Inquiry.
 9. Theories of Probability: Classical Theory of Probability, Relative Frequency Theory of Probability.
 10. Scientific Reasoning: Hypothesis and Confirmation.
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Suggested Readings:

1. Irving M. Copi and Carl Cohen, *Introduction to Logic*.
2. Daniel E. Flage, *Understanding Logic*.
3. Patrick J. Hurley and Lori Watson, *A Concise Introduction to Logic*.
4. J. C. Beall, *Logic: The Basics*.
5. Volker Halbach, *The Logic, Manual*.
6. Graham Priest, *Logic: A Very Short Introduction*.
7. B. N. Roy, *Textbook of Inductive Logic*.
8. Krishna Jain, *A Textbook of Logic*.
9. Mitchel, *Introduction to Logic*.
10. Peter Smith, *An Introduction to Formal Logic*.
11. Craig Delancey, *A Concise Introduction to Logic*.
12. Usha Kushwaha, *Tarkshastra ka Parichay*.
13. Avinash Tiwari, *Tarkshastra ka Siddhant*.
14. Ashok Kumar Verma, *Sarala Nigamana Tarkshastra*.
15. S. L. Pandey, *Tarkshastra Parichay*.

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Paper: MJ 5

Semester: III

Indian Logic

Credits: 4

1. Origin, Development and Characteristics of Indian Logic.
 2. Concept of Ānvikṣikī and Anumiti; Kinds of Debate: Vāda, Jalpa and Vitaṇḍā.
 3. Definition of Anumāna: Nyāya, Jaina and Buddhist Logicians; Refutation of Anumāna by Cārvāka.
 4. Typology of Anumāna: Svarthānumāna and Parārthānumāna; Pūrvavat, Śeṣavat and Sāmānyatodrṣṭa; Kevalānvayi, Kevalavyatireki and Anvaya-Vyatireki.
 5. Vyāpti, Vyāpya and Vyāpaka; Types of Vyāpti- Samavyāpti and Asamavyāpti.
 6. Logical and Psychological Grounds of Anumāna; Vyāptigrahopāya.
 7. Constituents of Anumāna: Liṅga, Sādhyā and Pakṣa.
 8. Three-Member Syllogism; Five-Member Syllogism- Pratijñā, Hetu, Udāharana, Upanaya and Nigamana; Ten-Member Syllogism.
 9. Characteristics of the Liṅga: Pakṣadharmatā, Sapakṣasattva, Vipakṣāsattva, Abādhitaviṣayatva and Asatpratipakṣattva.
 10. Fallacies: Savyabhichāra, Viruddha, Satpratipaka, Asiddha, and Bādhita.
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Suggested Readings:

1. Satischandra Vidyabhushan, *A History of Indian Logic: Ancient, Medieval and Modern Schools*.
2. Jonardon Ganeri, *Indian Logic: A Reader*.
3. Bimal Krishna Matilal, Ed., *Epistemology, Logic, and Grammar in Indian Philosophical Analysis*.
4. Bimal Krishna Matilal, *Logic, Language and Reality*.
5. John Vattanky, *A System of Indian Logic: The Nyaya Theory of Inference*.
6. Satischandra Chatterjee, *The Nyaya Theory of Knowledge: A Critical Study of Some Problems of Logic and Metaphysics*.
7. Dhirendramohan Datta, *The Six Ways of Knowing: A Critical Study of the Advaita Theory of Knowledge*.
8. Kedarnath Tiwari, *Bharatiya Tarkshastra ka Parichay*.
9. Nilima Sinha, *Bharatiya Gyan Mīmāṃsā*.
10. Annambhatta, *Tarksangrah*.
11. Keshav Mishr, *Tarkbhasha*.

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Paper: MJ 6

Semester: IV

Western Modern Philosophy

Credits: 4

1. Francis Bacon: Knowledge and Method, Metaphysics and Theology.
 2. Descartes: Method of Doubt, Cogito-Ergo-Sum, Mind-Body Problem, Interactionism, Proofs for the Existence of God.
 3. Spinoza: Substance, Attributes and Modes.
 4. Leibnitz: Theory of Monads, Doctrine of Pre-Established Harmony, God.
 5. Locke: Refutation of Innate Ideas, Primary and Secondary Qualities, Theory of Knowledge, Theory of Substance.
 6. Berkeley: Refutation of Matter, Rejection of the Distinction between Primary and Secondary Qualities, Esse-Est-Percipi, Immaterialism, God.
 7. Hume: Origin of Knowledge-Impressions and Ideas, Causality, Skepticism.
 8. Kant: Idea of the Critical Philosophy, Classification of Judgements- Analytic and Synthetic, Possibility of Synthetic A-Priori Judgement, Categories of Understanding, Space and Time.
 9. Hegel: Dialectical Methods, Absolute Idealism.
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Suggested Readings:

1. Frank Thilly, *A History of Western Philosophy*.
2. Frederick C. Copleston, *A History of Philosophy, Vol II, III*.
3. Y. Masih, *A Critical History of Western Philosophy*.
4. A. C. Grayling, *The History of Philosophy*.
5. D. J. O'Connor, *A Critical History of Western Philosophy*.
6. Bertrand Russell, *History of Western Philosophy*.
7. Will Durant, *The Story of Philosophy*.
8. Jostein Gaarder, *Sophie's World*.
9. H. S. Upadhyay, *Pashchatya Darshan ka Udbhav evam Vikas*.
10. B. N. Singh, *Pashchatya Darshan*.
11. J. S. Srivastava, *Greek evam Madhyayugeen Darshana ka Vaigyanika Itihasa*.
12. Naresh Prasad Tiwari, *Greek evam Madhyayugeen Darshan*.
13. Jostein Gaarder, *Sophie ka Sansar: Pashchatya Jagat ki Darshan-Gatha*, Hindi translation by Satya P. Gautam.
14. C. D. Sharma, *Pashchatya Darshan*.
15. Y. Masih, *Pashchatya Darshan ka Sameekshatamak Itihas*.
16. Shobha Nigam, *Pashchatya Darshan ka Aetihasic Sarvekshan: Theylis se Heegal Tak*.
17. N. P. Tiwari, *Greek evam Madhyayugeen Darshan*.
18. K. M. P. Verma, *Pashchatya Darshan*.
19. Sabhajit Mishra, *Kant ka Darsana*.
20. Daya Krishna, *Pashchatya Darsana Ka Itihasa*.

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Paper: MJ 7

Semester: IV

Philosophy of Religion

Credits: 4

1. Definition and Nature of Religion; Philosophy of Religion and Theology, Basic Elements of Religion.
 2. Characteristics of Major Religions in the World.
 3. Origin, Development and Typology of Religion: Polytheism, Monotheism, Animism and Totemism; Theories of Origin of God.
 4. Phases of Religion: Primitive, Naturalistic and Universal Religion.
 5. Religious Consciousness.
 6. Personality and Attributes of God; Problem of Evil.
 7. Immortality of Soul.
 8. Grounds of Religious Belief: Reason, Faith, Revelation, Bhakti and Mystic Experience.
 9. Arguments for the Existence of God: Ontological, Cosmological, Teleological and Moral Arguments.
 10. Arguments against the Existence of God: Sociological, Freudian and Buddhist Arguments.
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Suggested Readings:

1. John Hick, *Philosophy of Religion*.
2. Max Charlesworth, *Philosophy and Religion: From Plato to Postmodernism*.
3. Huston Smith, *The Religion of Man*.
4. Yakub Masih, *Introduction to Religious Philosophy*.
5. Gordon Kerr, *Short Introduction to Religion*.
6. Wilfred Cantwell Smith, *The Meaning and End of Religion: A Revolutionary Approach to the Great Religious Traditions*.
7. Harendra Prasad Sinha, *An Outline of Philosophy of Religion*.
8. G. C. Nayak, *Understanding Religious Phenomenon*.
9. George Galloway, *The Philosophy of Religion*.
10. Edward Miller, *God and Reason*.
11. D. M. Edward, *Philosophy of Religion*.
12. John Caird, *An Introduction to the Philosophy of Religion*.
13. R. Bhagavan Das, *Essential Unity of all Religions*.
14. Samuel Labens, *Philosophy of Religion: The Basics*.
15. H. D. Lewis, *Philosophy of Religion*.
16. Harendra Prasad Sinha, *Dharm Darshan Ki Rooprekha*.
17. Hriday Narayan Mishra, *Dharm Darshan Ka Parichaya*.
18. Rishi Kant Pandey, *Dharm Darshan*.
19. V. P. Verma, *Dharm Darshan*.
20. Yakub Masih, *Adhunka Dharma Darshan*.
21. L.N. Sharma, *Dharma Darshan*.

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Paper: MJ 8

Semester: IV

Tribal Philosophy

Credits: 4

1. Sufficiency and Insufficiency of Terms like Tribe, Adivasi and Indigeneity.
 2. Possibility of the Adivāsi Philosophy and its Methodological Approach.
 3. Comparative Concepts of Creation and Dissolution in Major Adivāsi Groups ;
Elements of Creation.
 4. Comparative Notions of Supreme God in Major Adivāsi Groups.
 5. Comparative Notion of Pantheon of Major Groups: Benevolent, Malevolent and Nature Gods.
 6. Comparative Notion of Self (Jiu) of Major Adivāsi Groups.
 7. Relation between God, Community and Individual.
 8. Ancestor Worship, Nature Worship, Sacred Grove.
 9. Comparative Notion of Human Values and Morality, Aesthetic of Life.
 10. Indigenous Religious Faith: Typology Debate, Saranā or Ādi-Dharam Debate.
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Suggested Readings:

1. Ram Dayal Munda, *Adi Dharam*.
2. Ram Dayal Munda and Ratan Singh Manki, *Adi Dharam: Bharatiya Adivasiyon ki Dharmik Asthayen*.
3. Ram Dayal Munda, *Adivasi Astitva aur Jharkhand Asmita ke Sawal*.
4. P. O. Bodding, *Traditions and Institutions of the Santals /Horkoren Mare Hapramko Raek Katha*.
5. W. Dupre, *Religion in Primitive Cultures*.
6. C. R. Hallpike, *The Foundations of Primitive Thought*.
7. P. C. Hembrom, *Sari-Sarna (Santhal Religion)*.
8. D. N. Majumdar, *A Tribe in Transition: Study in Cultural Pattern*.
9. D. N. Majumdar, *The Affairs of a Tribe*.
10. Shweli Dutta, *Tribal Philosophy*.
11. S. C. Roy, *The Mundas and their Country*.
12. S. C. Roy, *Oraon Religion and Customs*.
13. A. K. Sen, *Indigeneity, Landscape and History: Adivasi Self-fashioning in India*.
14. Padmaja Sen, ed., *Changing Tribal Life: A Socio-Philosophical Perspective*.
15. J. Troisi, *Tribal Religion: Religious Beliefs and Practice*.
16. Diwakar Minz, *The Religious History of Munda and Oraon Tribes*.
17. Diwakar Minz, *Munda aur Oraon ka Dharmik Itihas*.

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Paper: MN 1B

Semester: III

Western Philosophy

Credits: 4

1. General Survey of the Greek Philosophy.
 2. Milesians: Thales, Anaximander, Pythagoras.
 3. Brief Philosophy of Xenophanes, Parmenides, Heraclitus, Democritus, Anaxagoras, Protagoras.
 4. Socrates: Socratic Method and Theory of Knowledge.
 5. Plato: Theory of Knowledge, Theory of Forms or Ideas, Conception of Soul and God.
 6. Aristotle: Criticism of Plato's Theory of Ideas, Theory of Causation, Form and Matter, Conception of Soul and God.
 7. General Survey of Post-Aristotelian Philosophy: Stoicism, Epicureanism, Skepticism.
 8. St. Augustine: Theory of Knowledge, Theology, Freedom of Will and Problem of Evil.
 9. St. Anselm: Basic Philosophy and Ontological Argument for Proving the Existence of God.
 10. Thomas Aquinas: Reason and Faith, Man and Nature, Proofs for the Existence of God, and their Criticism by William Ockham.
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Suggested Readings:

1. W. T. Stace, *A Critical History of Greek Philosophy*.
2. John Marshal, *A Short History of Greek Philosophy*.
3. Frank Thilly, *A History of Western Philosophy*.
4. W. K. C. Guthrie, *The Greek Philosophers: From Thales to Aristotle*.
5. Frederick C. Copleston, *A History of Philosophy, Vol I, II*.
6. Y. Masih, *A Critical History of Western Philosophy*.
7. A. C. Grayling, *The History of Philosophy*.
8. D. J. O'Connor, *A Critical History of Western Philosophy*.
9. Bertrand Russell, *History of Western Philosophy*.
10. Will Durant, *The Story of Philosophy*.
11. John Burnet, *Early Greek Philosophy*.
12. Jostein Gaarder, *Sophie's World*.
13. H. S. Upadhyay, *Pashchatya Darshan ka Udbhav evam Vikas*.
14. B. N. Singh, *Pashchatya Darshan*.
15. J. S. Srivastava, *Greek evam Madhyayugeen Darshan ka Vaigyanik Itihas*.
16. Naresh Prasad Tiwari, *Greek evam Madhyayugeen Darshan*.
17. C. L. Tripathi, *Greek Darsan*.
18. Jostein Gaarder, *Sophie ka Sansar: Pashchatya Jagat ki Darshan-Gatha*, Hindi translation by Satya P. Gautam.
19. John Burnet, *Greek Darsan*, Hindi translation by S. P. Dubey.
20. C. D. Sharma, *Pashchatya Darshan*.
21. Y. Masih, *Pashchatya Darshan ka Sameekshatamak Itihas*.
22. Shobha Nigam, *Pashchatya Darshan ka Aetihasic Sarvekshan: Theylis se Heegal Tak*.
23. N. P. Tiwari, *Greek evam Madhyayugeen Darshan*.
24. K. M. P. Verma, *Pashchatya Darshan*.

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Paper: MN 2B

Semester: IV

Critical Thinking

Credits: 4

1. Introduction of Critical Thinking.
 2. Cognitive Biases.
 3. Meaningfulness, Objectivity, Truth and Knowledge.
 4. Arguments: Introduction, Structure and Types.
 5. Persuasion through Logic.
 6. Vagueness, Ambiguity, Generality and Definition of Terms.
 7. Importance of Critical Thinking.
 8. Persuasion through rhetoric.
 9. Scientific Reasoning: Induction and its Fallacies.
 10. Mill's Methods of Experimental Inquiry.
 11. Values and Critical Thinking: Value Judgments, Moral Reasoning, Legal Reasoning, Aesthetic Reasoning.
 12. Identification and Analysis of the Problem.
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Suggested Readings:

1. Brooke Noel Moore, *Critical Thinking*.
2. Madhuchanda Sen, *An Introduction to Critical Thinking*.
3. Patrick J. Hurley, *A Concise Introduction to Logic*.
4. Irving M. Copi and Carl Cohen, *Introduction to Logic*.
5. John Dewey, *How to Think?*
6. Edward M. Glaser, *An Experiment in the Development of Critical Thinking*.
7. Richard Paul and Linda Elder, *The Miniature Guide to Critical Thinking Concepts and Tools*.
8. Usha Kushwaha, *Tarkshastra ka Parichay*.
9. Avinash Tiwari, *Tarkshastra ka Siddhant*.
10. Ashok Kumar Verma, *Saral Nigaman Tarkshastra*.
11. S. L. Pandey, *Tarkshastra Parichay*.