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- Ethics and Social Philosophy: Good Life and Good Society
- Morality in Public and Private Life
- Individual and Society

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- Tolerance: Respect for Cultural Pluralism and Social diversities.
- Justice: Virtue, Fairness, Equality.
- Caste System in India :Jyoti Ba Phule, Gandhi, Ambedkar.

ggested Re dings

- DayaKrishan: The Nature of Philosophy, ICPR New Delhi, 2009.
- Edward Craig: Philosophy : A Very Short Introduction, Indian Edition, Oxford University Press, Oxford, 2006.
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semester

Discipline Specific Core (DSC)

Proposed DSC Logic

Course Credits 4 Theory 3 Tutorial 1

Max. Marks: 100
Theory: 90 Marks
Internal Assessment: 10 Marks
Time: 03 Hours

Course Objectives

Students will gain a solid foundation in formal logic, enhancing their critical thinking skills, and enabling them to construct and evaluate logical arguments effectively.
They will be equipped to apply logical principles to various real-world scenarios, making sound decisions and evaluating the validity of different arguments they encounter in academic, professional, and personal settings.

Course Outcome

By the end of this course student will achieve following outcomes:

1. Students will possess a strong grasp of logic's fundamental principles, including the laws of thought (identity, contradiction, excluded middle, and sufficient reason), enabling them to apply logical reasoning effectively in various contexts.
2. Students will be able to critically analyze and evaluate different types of logical propositions, syllogisms, and truth-functional expressions using tools like Venn diagrams and truth tables, thereby enhancing their ability to assess the validity of arguments.

Pedagogy

Pedagogical methods such as class room lectures and students-teacher interactions, group 7638(r)-2.34889(a)16.44.40276(t95

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- Proposition: Term and proposition, Nature of Categorical Proposition; Aristotle's Classification of Proposition.
- Argument: Immediate Inference and Mediate Inference: Square of Opposition: Contradictories, Contraries, Sub Contraries and Sub-Alterns ;Conversion, Obversion, Contraposition and Inversion.

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- Categorical Syllogism: Structure, Rules of Syllogism and its fallacies, Validity through Venn diagram.
- Truth-Functional Logic: Introduction to Truth-Tables, Negation, Conjunction, Disjunction, Implications and Equivalences.

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- Nature of Induction: Distinction between Deduction and Induction.
- Kinds of Induction.
- Causation: Nature of Cause, Plurality of Causes.

uggested Re dings

- ChhandaChakraborti :**Logic: Informal, Symbolic & Inductive**, Prentice Hall of India Pvt. Ltd.2007.
- Copi, Cohen, Jetli &Prabhakar: **Introduction to Logic**, Pearson Education, 2007.
- Krishana Jain: **A Text Book of Logic**, Ajanta Books International, New Delhi, 2001.
- Ashok Kumar Verma, PratikataTarksahstraPraveshi

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