

As Per NEP 2020

University of Mumbai



Syllabus for OE-1, SEM I OE (Open Elective))

Board of Studies in Logic and Philosophy

UG First Year Programme

Semester

I

Title of Paper:

Logical Reasoning

Credits

2

From the Academic Year

2024-25

Sr. No.	Heading	Particulars
1	Description the course : Including but Not limited to :	Logical Reasoning To explain the basic principles of correct reasoning and to provide students ample scope to exercise their reasoning based on the above principles. To teach students to acquire pleasures in logical thinking for social research. To familiarize the student with the principles and techniques of hypothesis. To train the student with the principles and techniques of causation techniques. To create awareness about the significance of logical thinking for academics and life in general. The study of logic gives attention to the analysis of fallacies which are common and finds often natural mistakes in reasoning.
2	Vertical :	Open Elective
3	Type :	Theory
4	Credit:	2 credits
5	Hours Allotted :	30 Hours
6	Marks Allotted:	50 Marks
7	Course Objectives: (List some of the course objectives) 1. To introduce the realm of logical reasoning and its significance to Philosophy. 2. To encourage learners to evaluate and analyse arguments and reasoning as they are important elements of thinking process. 3. To enable learners to understand the logical connections between ideas.	
8	Course Outcomes: (List some of the course outcomes) After the completion of the course, learner will: 1. Demonstrate the ability to use logical reasoning to assess day to day situations of professional and personal life. 2. Apply logical reasoning to identify fallacious reasoning and detect logical fallacies in moral, political, and scientific arguments. 3. Engage with core philosophical problems using logical reasoning ability.	

9	Modules:- Per credit One module can be created
	Module 1: Basic Logical Concepts (15 lectures)
	A. Definition, nature and scope of Logic B. Arguments, Premises and Conclusions C. Recognizing Arguments
	Module 2:Fallacies (15 lectures)
	A. What is a fallacy? B. Types of fallacies C. Fallacies of Relevance
11	<p>Reference Books:</p> <ol style="list-style-type: none"> 1. Irving Copi, Carl Cohen and Kenneth McMahon, Introduction to Logic 14th edition 2. Irving Copi, Carl Cohen , Introduction to Logic 11th edition, Pearson education 3. Hurley, Patrick. A Concise Introduction to Logic. 2006. Routledge, USA. 9th ed. 4. Howord, Snyder, et al, The Power of Logic, MacGrewHill, USA. 5. Gensler, Harry, Introduction to Logic. Routledge, USA. 2ND ed. 6. Walton, Douglas. Fundamentals of Critical Argumentation. 2006. Cambridge University, USA. 7. Copi, Irving M.and Carl Cohen, (1990) Introduction to Logic, New York: Macmillan Publishing Company. 8. Damer, Edward. (2005). Attacking faulty reasoning. A practical guide to fallacy free argument. Wadsworth Cengage learning, USA. 9. Fogelin, Robert, J, (1987) Understanding Arguments: An Introduction to Informal Logic, New York: Harcourt Brace Jvanovich Publisher. 10. Guttenplan, Samuel: (1991) The Language of Logic. Oxford: Blackwell Publishers 11. Simico, N.D and G.G James. (1983) Elementary Logic, Belmont, Ca: Wadsworth Publishing Company. Stephen, C. (200) The Power of Logic. London and Toronto: Mayfield Publishing Company. 12. Walelign, Emuru, (2009) Freshman Logic, Addis Ababa.
12	<p>Internal Evaluation : 20 Marks</p> <p>1-Classroom Presentations/ Assignments - 10 Marks</p> <p>2-Essay Submission/ Book review/ Field Visit Report / Educational Activity Report 10 Marks</p>

