

UNIVERSITY OF MADRAS
B.A. DEGREE PROGRAMME IN PHILOSOPHY
 SYLLABUS WITH EFFECT FROM 2023-2024

Core Course - CC XI
WESTREN LOGIC

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
309C5C	Western Logic	Core	Y	-	-	-	4	5	25	75	100
Pre - requisite	Need knowledge of Epistemology										

Learning Objectives	
LO1	To make the students aware of modern Symbolic logic and Predicate logic
LO2	Will improve their ability to identify, analyze, and evaluate arguments by other people and also to construct arguments of their own
LO3	To introduces general standards of good reasoning and offers tools to improve your critical thinking skills.
LO4	Understand the valid and invalid arguments
LO5	To develop the skill of reasoning

Units	Course Syllabus
Unit – 1	Basic logical concepts- proposition and sentence-Argument and Inference -truth, validity- Deduction and Induction.
Unit – 2	Definition of term-connotation and denotation of terms-categorical propositions.
Unit – 3	Distribution of terms –concept of mediate and immediate inference-conversion, obversion, contraposition.
Unit – 4	Square of opposition and existential import-mediate inference: Categorical syllogism: mood, figure,
Unit – 5	Rules of syllogism and formal fallacies. -validating/invalidating categorical syllogisms through syllogistic rules and Venn diagrams.
Course out Come:	
1.	To understand that Logic as a study of language, inference and reasoning.
2.	This paper intends to give the students some basic ideas about kinds of reasoning.
3.	Will enable the students to get basic ideas about reasoning.
4.	To make the students aware of reasoning / inference and its kinds in the west
5.	To enable the students to comprehend the core ideas of mediate and immediate inference

Books for Reading:	
1.	Irving M. Copi & Carl Cohen, Introduction to Logic.
2.	Belsare. K. V., An Introduction to logic and scientific method.
3.	Stebbing Susan, A modern Introduction to logic.
4.	Guttenplan and Tammy martin, Logic a comprehensive introduction.
5.	Chakraborti, chanda, logic informalsymbolic and inductive.

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Reference Book :
1. Bholanath Roy, text book of deductive logic.
2. Morris R. Cohen, an introduction to logic.
3. H. W. B. Joseph, introduction to logic.

Web Resources
1. https://plato.stanford.edu/entries/aristotle-logic/
2. http://pachamamatrust.org
3. https://philosophy.lander.edu/logic/symbolic.html

Mapping with Programme Outcomes:

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

Strong (3) Medium (2) Low (1)

Mapping with Programme Specific Outcomes:

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10
CO 1	1	1	1	1	1	1	1	1	1	1
CO 2	2	2	2	2	2	2	2	2	2	2
CO 3	3	3	3	3	3	3	3	3	3	3
CO 4	3	3	3	3	3	3	3	3	3	3
CO 5	3	3	3	3	3	3	3	3	3	3
Weightage	12	12	12	12	12	12	12	12	12	12
Weighted percentage of course contribution to POS	5-0	5-0	5-0	5-0	5-0	5-0	5-0	5-0	5-0	5-0

Strong (3) Medium (2) Low (1)