



Indraprastha College for Women

University of Delhi

Work Plan for ODD SEMESTER – 2025

Course Name:	GE 9
Paper Title:	Formal Logic
Unique Paper Code:	
Semester:	III
Faculty(s):	Dr. Paulavi Das
Year:	2025

Work Plan			
Unit No.	Learning Objective	Lecture No.	Topics to be Covered
Unit 1	BASIC LOGICAL CONCEPTS	1-5	Sentence and Proposition
		6-7	Classification of Categorical Propositions
		8	Quality, Quantity and Distribution of Terms
		9	Truth and Validity
Unit 2	ARISTOTELIAN LOGIC	10-12	Translating ordinary sentences into Standard Form Categorical Propositions
		13-15	Traditional Square of Opposition
		16-18	Immediate Inference (Conversion, Obversion and Contraposition)
		19-22	Mediate Inference: Standard Form Categorical Syllogism - Mood and Figure
		23-24	Testing Validity/Invalidity of Syllogism by Syllogistic Rules
		25	IA/CA
Unit 3	BOOLEAN LOGIC AND VENN DIAGRAM	26-27	Existential Import and the Boolean Interpretation of Categorical Propositions
		28	Boolean Square of Opposition
		29	Symbolic Representation of Categorical Propositions

		30	Testing Validity/Invalidity of Categorical Syllogism by Venn Diagram
		30-32	Practice & CA

Unit	Contents/Syllabus
I	BASIC LOGICAL CONCEPTS
II	ARISTOTELIAN LOGIC
III	BOOLEAN LOGIC AND VENN DIAGRAM
IV	
S. No.	Name of Authors/Books/Publishers
1.	Copi, Irving M., Cohen, Carl, and McMahon, Kenneth. Introduction to Logic. 14th ed. Pearson New International Edition, 2014.
2.	Copi, Irving M., Cohen, Carl, and McMahon, Kenneth. Introduction to Logic. 14th ed. Pearson New International Edition, 2014.
3.	Copi, Irving M., Cohen, Carl, and McMahon, Kenneth. Introduction to Logic. 14th ed. Pearson New International Edition, 2014.
4.	

Paper Components			
Credits	Lecture (L)	Tutorial (T)	Practical (P)
Assessment Scheme			
S.No.	Component	Marking Scheme	Total Marks

1	Internal Assessment <ul style="list-style-type: none"> • Assignment/Quiz/Project/Presentation • Class Test • Attendance 	 12 6	30
2.	Continuous Assessment (Tutorial) <ul style="list-style-type: none"> • Activity 1 • Activity 2 • Attendance 	 10+10 15 5	40
3.	Practical <ul style="list-style-type: none"> • Continuous Assessment • End Term Written/Practical Exam • Viva 	 	
4.	End Semester Examination		