



# Indraprastha College for Women

## University of Delhi

### Work Plan for ODD SEMESTER – 2025

Course Name:	B.A.(Hons.)
Paper Title:	Formal Logic
Unique Paper Code:	2104000007
Semester:	III
Faculty(s):	Dr. Akham Hemabati Devi Dr. Paulavi Das
Year:	2025 - 2026

<b>Work Plan</b>			
IV	It equips students with the logical skills and techniques for formal testing of syllogistic arguments	1	Propositional Logic
		2	Importance of Symbolic logic
		3	Importance of Symbolic logic
		4	Logical constants, Variables and basic truth functions (Negation, Conjunction, Disjunction (Alternation), Conditional (Material Implication), Biconditional (
		5	Logical constants, Variables and basic truth functions (Negation, Conjunction, Disjunction (Alternation), Conditional (Material Implication), Biconditional (
		6	Symbolization of statements
		7	Symbolization of statements
		8	Logical Status of Statements: Tautologous, Contingent, Contradictory
		9	Logical Status of Statements: Tautologous, Contingent, Contradictory

		10	Logical Status of Statements: Tautologous, Contingent, Contradictory
		11	Proving Validity/Invalidity: Truth Table Method & Reductio ad absurdum
		12	Proving Validity/Invalidity: Truth Table Method & Reductio ad absurdum

Unit	Contents/Syllabus
IV	<b>PROPOSITIONAL LOGIC</b> 1. Importance of Symbolic logic 2. Logical constants, Variables, and basic truth functions (Negation, Conjunction, Disjunction (Alternation), Conditional (Material Implication), Biconditional (Material Equivalence) 3. Symbolization of statements 4. Logical Status of Statements: Tautologous, Contingent, Contradictory 5. Proving Validity/Invalidity: Truth Table Method & Reductio ad absurdum
<b>S. No.</b>	<b>Name of Authors/Books/Publishers</b>
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.	Copi, Irving M., Cohen, Carl, and McMahon, Kenneth. Introduction to Logic. 14th ed. Pearson New International Edition, 2014

Paper Components			
Credits	Lecture (L)	Tutorial (T)	Practical (P)
4	3	1	NIL
Assessment Scheme			

S.No.	Component	Marking Scheme	Total Marks
1	Internal Assessment <ul style="list-style-type: none"> <li>• Assignment/Quiz/Project/Presentation</li> <li>• Class Test</li> <li>• Attendance</li> </ul>		<b>30</b>
		12 (Dr. Paulavi Das)	
		12 (Dr. Akham Hemabati Devi)	
		6	
2.	Continuous Assessment ( <b>Tutorial</b> ) <ul style="list-style-type: none"> <li>• Activity 1</li> <li>• Activity 2</li> <li>• Attendance</li> </ul>	(Dr. Akham Hemabati Devi)	40
		20	
		15	
		5	
3.	Practical <ul style="list-style-type: none"> <li>• Continuous Assessment</li> <li>• End Term Written/Practical Exam</li> <li>• Viva</li> </ul>	NA	NA
		NA	
		NA	
		NA	
4.	End Semester Examination		90