

Programme: M.A. (Philosophy)

Course Code: PHI-622 **Title of the Course:** Logical Reasoning and Critical Thinking

Number of Credits: 4

Effective from AY: 2023–24

Pre-requisites for the Course:	NIL	
Course Objectives:	This course aims at giving an understanding of the traditional classification of propositions. It also develops an understanding of Syllogism, Venn Diagram, and Analogies.	
Content:	<ol style="list-style-type: none">1. Evaluating and distinguishing deductive and inductive reasoning, understanding the structure of arguments, structure of categorical propositions.2. Classical Square of Opposition of Propositions, Conversion, Obversion, and Contraposition.3. Form of Categorical Syllogism, Figure and Mood, Testing syllogism by rules.4. Venn Diagram Technique for testing syllogism.5. Analogies: Simple Analogy, Double Analogy, Triple Analogy.6. Determining the validity of inferences, statements and assumptions, statements, and conclusions.	<div>10 hours</div> <div>10 hours</div> <div>15 hours</div> <div>15 hours</div> <div>5 hours</div> <div>5 hours</div>
Pedagogy:	Lectures/ tutorials.	
References/ Readings:	<ol style="list-style-type: none">1. I. M. Copi, <i>Introduction to Logic</i>. New York: Macmillan Publishing Co., 1996.2. I. M. Copi, C. Cohen, and McMohan, <i>Introduction to Logic</i>. New York: Macmillan, 2012.3. K. T. Basantani, <i>Introduction to Logic</i>. Bombay: A.R. Sheth & Co., 1971.4. Patrick Hurley, <i>A Concise Introduction to Logic</i>. Delhi: Wadsworth, 2012.5. V. E. Barry, <i>Practical Logic</i>. New York: Holt, Rinehart, 1997.	

Course Outcomes:	<ol style="list-style-type: none"> 1. This course aims at developing cognitive abilities, which include understanding the structure of arguments, deductive and inductive reasoning 2. It will enable the students to think critically. 3. It will also develop the ability to reason logically. 4. This course will enable the students to prepare for NET/SET examination (Paper 1). 	
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