Programme: M. A. (Philosophy)

Course Code: PYC-213   **Title of the Course:** Logic & Epistemology

Number of Credits: 4

Effective from AY: 2018-19

Prerequisites for the course:	•Basic knowledge of logic.	
Objective:	To develop an understanding of the various methods namely truth tables, shorter truth tables and formal proofs. It also aims at understanding the epistemological concepts of knowledge, truth and justification.	

Content:	**Logic:**
	1. Truth tables
	2. Shorter Truth tables
	3. Formal proof of validity
	
	Epistemology
	4. Nature and definition of knowledge
	i) Propositional knowledge and non-propositional knowledge.
	ii) Knowledge and belief
	iii) Sources of knowledge
	5. Theories of Truth
	  i) Correspondence theory.
	  ii) Coherence theory
	  iii) Pragmatic theory
	6. Justification of knowledge
	  i) Evidence and justification
	  ii) Theories of justification
	  iii) Justification, knowledge and truth
		6 hours
		
		6 hours
		
		18 hours
		
		6 hours
		
		6 hours
		
		6 hours

Pedagogy:	Lectures/ tutorials/ assignments /self-study.	
References/ Readings	1. I. M Copi, *Symbolic Logic*, New Jersey, U.S.A , Pearson Publications, 2005 2. William Gustafson and Dolph E Ulrich*, Elementary Symbolic Logic*,U.S.A., Waveland Press, 1989. 3. I.M.Copi , C.Cohen & McMahon, *Introduction to Logic*, New York, Macmillan, 2012 4. Rodrick M Chisholm, *Theory of Knowledge*, New Delhi, Prentice Hall India Pvt. Ltd, 1977. 5. A.J.Ayer, *Problems of Knowledge*, London, Macmillan,	

	1968.	
	6. Keith Lehrer, *Theory of Knowledge* , England, Oxford University Press, 2000. 7. John Pollock, *Knowledge and Justification*, New Jersey, U.S.A., Princeton University Press, 2015. 8. Sybil Wolfram, *Philosophical Logic*, London, Routledge, 1989.	
Learning Outcomes	1. Apply the methods of truth table and shorter truth table for testing arguments and statements 2. Application of formal proofs for testing arguments.	