SEMESTER – I

MIC-1 : DEDUCTIVE LOGIC

Objectives: After the completion of the course, the students will be able to:

1. Develop the ability of logical aptitude and reasoning in resolving the various issues and to ascertain the truth in life.
2. Get rid of Superstitions,dogmas and illusions.
3. Develop understanding related to right belief, faith and reality in socio-religious realm of life.
4. Remove the ambiguity and vagueness of language and to reach the clarity of thought and vision.
5. Develop potentiality towards logical argumentation.

MIC-1 : DEDUCTIVE LOGIC (Theory: 3 credits)		
Unit	**Topics to be covered**	**No. of Hours**
1	1. Subject-Matter and Branches of Logic 2. Nature and classification of Term, Proposition and Argument 3. Truth and Validity.	10
2.	1. Classification of Categorical Propositions according to Quality and Quantity 2. Distribution of Terms and Square of opposition 3. Immediate Inference : Conversion and Obversion	10
3.	1. Categorical Syllogism 2. Syllogistic Rules and Fallacies	10
	TOTAL	30

Outcome: To attain error-free knowledge.

Reading List :

1. Copi, I.M. *Introduction to Logic,* New Delhi: Pearson, 2014, 2017.
2. Copi, I.M. *Introduction to Symbolic Logic*
3. Cohen, Morris and Ernst Nagel, *An Introduction to Logic and ScientificMethod,* Delhi, Allied Publishers, 1968.
4. Gangadutta Jha, Nigaman Tarka Shastra, Students Friends,1988.
5. Ashok Kumar Verma, Nigaman Tarka Shastra, Motilal Banarsidas, Patna
6. Basson And O'connor, Introduction To Symbolic Logic.
7. Dr Kedarnath Tiwari- Tarkshastra Parichaya(An introduction to logic)
8. Prof Ashok kumar verma, Pratikatmak Tarkshastra.
9. B.N.Roy, Text Book of Deductive Logic.

14.06.2023 14/06/2023 14/6/23