SARDAR PATEL UNIVERSITY
Vallabh Vidyanagar, Gujarat
(Reaccredited with 'A' Grade by NAAC (CGPA 3.25)
Syllabus with effect from the Academic Year 2021-2022

BA- Philosophy – Semester- I
Syllabus with effect from the Academic Year 2021-2022

Course Code	UA01CPHI52	Title of the Course	Introduction to Logic-I
Total Credits of the Course	04	Hours per Week	04

Course Objectives:	1. To introduce students to logical techniques of thinking process.

Course Content		
Unit	Description	Weightage* (%)
1.	What is Philosophy, Place of Logic in Philosophy, Definition of Logic, Relevance of Logic and its relation to other disciplines, Logic as a formal science, Truth and validity.	25
2.	Deductive way of reasoning, Inductive way of reasoning. Laws of Thought, Principles of logical thinking using symbolic forms.	25
3.	Type of Definition, Purposes of Definition, Various kinds of meaning, Aristotelian Logic and Modern Logic, Logical Propositions, Relation between Propositions, Constants, Variables.	25
4.	Techniques : Modes, Figures of syllogism, Examples/fallacies, Opposition of Propositions, Inference- Mediate, Immediate	25

Teaching-Learning Methodology	Lecture, Recitation, Group discussion, Guest speaker, Debate, Assignments, Field trips, Seminar, Quizzes

Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weightage
1.	Internal Written / Practical Examination (As per CBCS R.6.8.3)	15%
2.	Internal Continuous Assessment in the form of Practical, Viva-voce, Quizzes, Seminars, Assignments, Attendance (As per CBCS R.6.8.3)	15%
3.	University Examination	70%

Course Outcomes: Having completed this course, the learner will be able to	
1.	Doing correct logical arguments.
2.	find errors in incorrect arguments.
3.	General competence.
4.	discuss logical arguments and their correctness with others.
5.	communicate the basic concepts of logic and their relevance for computer science.

Suggested References:	
Sr. No.	References
1.	Copi, I.M. & Carl Cohen., 1998, Introduction to Logic, Delhi, Pearson Education
2.	Basson & O' Connor., 1953, Introduction to symbolic Logic, London, University Tutorial Press Ltd.
3.	Suppes, Patric., 1969, Introduction to Logic, New Delhi, East West Press
4.	Dr. Yajnik and Prof. Patel : Arvachin Tarkashastra Pravesh, Swapnil Prakashan, Wadhwan
5.	Rajeshree Dave : Tarkashastra, University Granthnirman Board, Ahmedabad.
6.	The Elements of Indian Logic : B.L.Atreya, Nalanda Publications, Bombay

On-line resources
https://fivebooks.com/best-books/logic-tom-stoneham
https://www.routledge.com/Introduction-to-Logic/Copi-Cohen-Rodych/p/book/9781138500860

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