



Anekant Education Society's
Tuljaram Chaturchand College, Baramati
(Autonomous)

Four Year B.A. Degree Program
(Faculty of Humanities)

CBCS Syllabus

S.Y. B. A. (Logic) Semester -III

For Department of Philosophy & Logic
Tuljaram Chaturchand College, Baramati

Choice Based Credit System Syllabus (2023 Pattern)

(As Per NEP 2020)

To be implemented from Academic Year 2024-2025

CBCS Syllabus as per NEP 2020 for SYBA Logic (Minor)
(w. e. f. from June, 2024-25)

Name of the Programme	: B.A.
Program Code	: LOG
Class	: S.Y.B.A.
Semester	: III
Course Type	: Minor (Theory)
Course Name	: Traditional Logic
Course Code	: LOG-211-MN
No. of Lectures	: 60
No. of Credits	: 04

A. Course Objectives:

1. To introduce Logic as an academic discipline to students.
2. To teach students to acquire pleasures in logical thinking.
3. To learn applying logical principles to written and oral communication.
4. To prepare students for university evaluation system and Competitive examination
5. To develop proficiency in identifying and analysing logical fallacies, valid arguments, and sound reasoning.
6. To reduce certain practical problems to questions about the consistency of logical formulas
7. To explain the Concept of logic, Utility of logic and Brief history of logic

B. Course Outcomes:

- CO1 Students will have a thorough understanding of the fundamental principles of traditional logic
- CO2 Students will develop advanced critical thinking skills
- CO3 Students will improve their problem-solving abilities.
- CO4 Distinguish between valid and invalid forms of reasoning.
- CO5 Evaluate arguments to identify errors in reasoning.
- CO6 Students will develop a lifelong appreciation for logical thinking
- CO7. To enhance articulate communication skills.

Semester- III LOG-211-MN TRADITIONAL LOGIC

Unit No.	Topics & Learning Points	No. of Hours
1	Nature and Scope of Logic: A. Kinds of Human Knowledge. B. Logic : Definition, Nature & Utility C. Types of Inference	12
2	Proposition & Terms A. Proposition & Sentences (Difference) B. Terms of propositions C. Argument and Argument form	12
3	Traditional Classification of Proposition A. Types of Propositions (Singular, Compound) B. Classification of Proposition (Implication, Conjunction, Disjunction, Equivalence, Negation) C. Four Fold Scheme of Proposition (A, E, I, O)	12
4	Immediate Inference A. Square of opposition B. Conversion C. Obversion	12
5	Mediate Inference A. Categorical Syllogism B. Disjunctive Syllogism C. Hypothetical Syllogism	12

Readings: Reference Book:

1. आकारिक तर्कशास्त्र - मे. पु. रेगे.
2. तर्कविद्या भाग १, २ डॉ. बी.आर जोशी, प्रा. कुलकर्णी, मठवाले
3. आधुनिक तर्कशास्त्र - नांगरे, डॉ. चौगुले, प्रा. फरतारे (शिवाजी वि. कोल्हापूर)
4. तर्कशास्त्र – श्रीनिवास दिक्षीत
5. तर्कशास्त्राची मूलतत्वे- वाडेकर दे. द.
6. सुलभ तर्कशास्त्र - प्रा. मुकुंद कदम
7. पारंपारिक तर्कशास्त्र - नांगरे, फडतारे, चौगुले, हिरवे, बाघमोडे
8. तत्वज्ञान स्वरूप व समस्या- पी. डी. चौधरी
9. Copil. M. Introduction to Logic Macmillan Company New York (Fourteenth Edition).
10. Kawale. S. R. and Gole Leela: Sugama Akariha Tarkasastra Pune Vidyarth Prakashan Griha Pune 1972
11. More, Hema; Tarkashastra Nimitta Prakashan Pune 1995
12. Daryapurkar, Paramparik Tarkshastra, Bhupali Daryapurkar, Splapur, 1978
13. Santosh Thakare, Tarkshastra, Kumbh Prakashan, Amravati, 2001
14. A Modern Introduction to Indian Logic: S. S. Barlingay, 4. Bhartiya Tarkshastrachi Ruparekha: S. S. Barlingay, Paramarsha Prakashan

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Mapping of Program Outcomes with Course Outcomes

Class: SYBA (Sem III)

Subject: Logic

Course: Traditional Logic

Course Code: LOG-211-MN

Weightage: 1= weak or low relation, 2= moderate or partial relation, 3= strong or direct relation

Programme Outcomes (POs)

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	3	1	1	3	1	1	1	1	2	1
CO2	3	1	1	1	1	2	1	1	1	1
CO3	3	1	1	1	1	3	1	1	2	1
CO4	3	1	1	3	1	1	1	1	2	1
CO5	3	1	1	1	3	1	1	1	2	1
CO6	3	1	1	1	1	3	1	1	2	1
CO7	1	3	1	1	1	1	3	1	1	1

Justification for the mapping

PO1 Critical and Creative Thinking:

- Strong or direct relation with CO1, CO2, CO3, CO4, CO5, CO6 as they all directly contribute to enhancing critical and creative thinking skills.
- Weak or low relation with CO7 as it primarily focuses on communication skills rather than critical and creative thinking.

PO2 Communication Skill:

- Strong or direct relation with CO7 since enhancing articulate communication skills directly aligns with improving communication skills.
- Weak or low relation with other COs as they primarily focus on critical thinking, problem-solving, and logical thinking rather than communication skills.

PO3 Multicultural Competence:

- Weak or low relation with all COs as they primarily focus on critical thinking, problem-solving, and communication skills, rather than multicultural competence.

PO4 Research Skills:

- Strong or direct relation with CO1, CO4, CO9 as they all contribute to enhancing research skills and abilities.
- Moderate or partial relation with CO3, CO5, CO6 as they indirectly support research skills by fostering critical thinking and problem-solving abilities.
- Weak or low relation with CO2, CO7, CO8, CO10 as they do not directly contribute to research skills development.

PO5 Environmental Awareness:

- Moderate or partial relation with CO1, CO4, CO5, CO9 as they may involve aspects related to environmental issues and sustainability.
- Weak or low relation with other COs as they do not directly address environmental awareness.

PO6 Problem-solving Abilities:

- Strong or direct relation with CO3, CO6 as they directly contribute to enhancing problem-solving abilities.
- Moderate or partial relation with CO1, CO4, CO5, CO9 as they indirectly support problem-solving skills development.
- Weak or low relation with CO2, CO7, CO8, CO10 as they do not directly contribute to problem-solving abilities.

PO7 Collaboration and Teamwork:

- Strong or direct relation with CO7 as it focuses on collaboration and teamwork skills.
- Weak or low relation with other COs as they primarily focus on individual skills development rather than collaboration and teamwork.

PO8 Value Inculcation:

- Weak or low relation with all COs as they primarily focus on academic and professional skills rather than value inculcation.

PO9 Digital and Technological Skills:

- Moderate or partial relation with CO1, CO4, CO9 as they may involve the use of digital and technological skills.
- Weak or low relation with other COs as they do not directly address digital and technological skills.

PO10 Community Engagement and Service:

- Weak or low relation with all COs as they primarily focus on academic and professional skills rather than community engagement and service.