

॥ अंतरी पेटवू ज्ञानज्योत ॥



**North Maharashtra University,  
Jalgaon**

**Syllabus for F.Y.B.A.**

- 1) PHILOSOPHY
- 2) LOGIC AND METHODOLOGY  
OF SCIENCE

**SEMESTER SYSTEM**

(w.e.f. JUNE, 2017)

**North Maharashtra University, Jalgaon**  
**Syllabus for F.Y.B.A. General Philosophy**  
**Ethics**

**Objectives:-**

The course is meant to introduce the students to major ethical concepts and theories to help them develop moral sensitivity. The objectives of the paper are to enable the students:

- a) To acquire fundamental concepts, terms, definitions, principles interest in the study of ethics.
- b) To develop interest in the study of ethics.
- c) To acquaint with the various forms of ethics.
- d) To develop an ability to assess the relevance of information to the particular moral problem.
- e) To understand various moral problems like violence, punishment, evil and Indian approaches wherever required.

The paper is divided into Two semesters. Semester first is concerned with western ethics whereas semester second deals with Dimensions of ethics and the applications of those theories in resolving ethical problems encountered in various fields.

- A) With effect from June 2017.
- B) Eligibility : After passing H.S.C. Board's examination.
- C) Group : L
- D) Number of lectures : Per semester 60 Lectures
- E) Code No. : PHI G-111 and PHI G-121
- F) Medium of instruction :- English and Marathi
- G) Equivalence : Ethics (New) Ethics (old)

**F.Y.B.A. General Philosophy  
Ethics**

**Semester- I  
PHI G-111 Western Ethics**

Total Periods: 60  
Total Marks: 60

**1) Ethics: Introductory**

- a) Nature, scope and problems of ethics
- b) Nature of morality, factors in morality, moral rules (code)
- c) Descriptive ethics, normative ethics and meta-ethics
- d) Basic ethical concepts, right, duty and good

Total Periods: 12  
Total Marks: 12

**2) Hedonism :-**

- a) Ethical and psychological
- b) Egoistic and universal
- c) Bentham's and Mill's Utilitarianism
- d) Evaluation of utilitarian theory

Total Periods: 12  
Total Marks: 12

**3) Kantian ethics :-**

- a) Concept of good will
- b) Imperatives Hypothetical and categorical
- c) Kant's doctrine of categorical imperatives
- d) Duty for duties sake

Total Periods: 12  
Total Marks: 12

**4) Ethical Concepts :-**

- a) Conduct and character
- b) Nature and classification of virtues ; cardinal and civic virtues
- c) Theories of punishment: deterrent, Retributive and reformative
- d) Nature and arguments for and against capital punishment

Total Periods: 12

Total Marks: 12

**5) Meta Ethics :-**

- a) Nature and analysis of moral Judgement
- b) Naturalistic fallacy
- c) Emotivism

Total Periods: 12

Total Marks: 12

**Semester- II**  
**PHI G-121 Dimensions of Ethics**

Total Periods: 60  
Total Marks: 60

**1) Indian Ethics :-**

- a) Theory of purusarthas : Dharma, Artha, Kama, Moksha
- b) Law of Karma
- c) Doctrine of Niskamakarmayoga
- d) Concept of Svadharma

Total Periods: 12  
Total Marks: 12

**2) Social Ethics :-**

- a) Social institutions : Family, Work, Education, Religion, State, Friendship and civic community.
- b) The concept of right and duty, Natural rights and moral rights
- c) Fundamental Human rights : Right to live, freedom, property, education and contract, need for right to privacy, Right to work and Right to information.
- d) Social Evils – Divorce, Drug-addiction, Dowary, Alcoholism, Commission of suicide, unemployment, Terrorism, Aids and female foeticide

Total Periods: 12  
Total Marks: 12

**3) Applied Ethics (With special reference to environmental ethics) : -**

- a) Man and nature relationship
- b) Ecological problems : Population, conservation and preservation
- c) Ecological pollution: Air, Water and Sound
- d) Environmental Policy and Legislation

Total Periods: 12  
Total Marks: 12

**4) Medical Ethics :-**

- a) Euthanasia
- b) Abortion
- c) Female Foeticide
- d) Doctor – Patient relationship
- e) Drug Addiction
- f) Alcoholism

**Total Periods: 12**

**Total Marks: 12**

**5) Feminist Ethics :-**

- a) The role of gender in society
- b) Feminist Theory of Knowledge
- c) Feminism and History
- d) Feminism and the nature of value judgement

**Total Periods: 12**

**Total Marks: 12**

### Books for reading :-

1)	Frankena W	Ethics (Second Edition) Prentice Hall- 1973
2)	Lillie W	Introduction to Ethics
3)	Mackenzie	Manual of ethics
4)	Mill J. S.	Utilitarianism
5)	I. Kant	Metaphysics of morals
6)	Paton H. J.	The categorical imperative
7)	Hiriyanna M.	Outlines of Indian philosophy
8)	Harold Titus	Ethics for today
9)	G. E. Moore	Principia ethica
10)	Singer peter (ed.)	Applied ethics
11)	प्रा.श्रीनिवास दिक्षित	नीतीमिमांसा
12)	बा.ग.टिळक	गीता रहस्य
13)	प्रा.मे.पुं.रेगे	पाश्चात्य नीतीशास्त्राचा इतिहास
14)	डॉ. आर. व. शर्मा	आदर्श नीतीशास्त्र
15)	प्रा.दि.य.देशपांडे	नीतीचे प्रश्न
16)	डॉ. व. व. शर्मा	नैतिकता (हिंदी)

### Books for Reference :-

1)	Balbirsing	The Principles of ethics
2)	Philipa Foot	Theories of ethics
3)	Hiriyanna M	The Indian Conception of Values
4)	Lamb David	Arguing in applied ethics
5)	Nowell Smith	Ethics
6)	डॉ. व. व. शर्मा - पर्यावरण विशेषांक :	पुणे विद्यापीठ प्रकाशन
7)	सौ. विजया संगवई	नैतिकता (हिंदी)
8)	डॉ. व. व. शर्मा	नैतिकता (हिंदी)
9)	प्रा.श्रीनिवास दिक्षित	नैतिक व सामाजिक तत्व-गान
10)	डॉ. व. व. शर्मा	नैतिकता (हिंदी)
11)	प्रा. हेमचंद्र धर्माधिकारी	सामाजिक तत्व-गानाची मुलतत्वे
12)	प्रा. सुनिल सालुंके	नैतिकता (हिंदी)
13)	प्रा. क. ना. वळसंगकर	मानवी स्वातंत्र्य (मराठी अनुवाद)
14)	डॉ. सुरेंद्र गायधने	मुल्यनिवेदन
15)	अशोककुमार वर्मा	नीतीशास्त्र की रुपरेखा (हिंदी)
16)	वेदप्रकाश वर्मा	नीतीशास्त्र के मुल सिध्दांत (हिंदी)

**North Maharashtra University, Jalgaon**  
**Syllabus for F.Y.B.A. General**  
**Logic and Methodology of Science**  
**Traditional and Propositional Logic**

**Objectives :-**

Logic is a basic discipline which enables us to enrich and encourage our rational power, students are expected to frame and express logically correct reasoning, for this a systematic study of logic as basic science of reasoning and inference is essential at the undergraduate level. The objectives of the paper are enable the students :

- a) To understand fundamental terms, definitions, concepts principles and theories etc. of logic.
- b) To get acquainted with deductive logic.
- c) To understand modern logic as the study of inference.
- d) To differentiate various forms of statements and arguments.
- e) To apply formal techniques to arguments.
- f) To develop an ability of logical thinking.
- g) To develop interest in Traditional and modern logic.

The paper is divided into Two Semesters, Semester first is concerned with Traditional Logic and Semester second deals with the propositional logic.

- A) With effect from June 2017.
- B) Eligibility : After passing H.S.C. Board's examination.
- C) Group : K
- D) Number of lectures : Per Semester 60 Lectures
- E) Code No. : LOG G-111, Traditional Logic  
LOG G-121, Propositional Logic
- F) Medium of instruction :- English and Marathi
- G) Equivalence : Traditional and Propositional Logic (New course)  
Traditional and Propositional Logic (old course)



**Syllabi for F.Y.B.A. General paper I**  
**Logic and methodology of science**  
**Traditional and propositional logic**

**Semester- I**

**LOG-G-111-Traditional Logic**

Total Periods: 60

Total Marks: 60

**1) Logic introductory**

- a) Definition of logic
- b) Nature and scope of logic.
- c) Formal and normative nature of logic
- d) Inference – as a valid source of knowledge
- e) Kinds of inferences –deductive & inductive
- f) Nature and difference between deductive & inductive inferences
- g) Proposition and propositional form, argument and argument form.
- h) Traditional classification of propositions

Total Periods: 12

Total Marks: 12

**2) Immediate inferences**

- a) Varieties of inference based on opposition rules
- b) Inference by opposition of proposition
- c) Square of opposition
- d) Eduction: conversion and observation

Total Periods: 12

Total Marks: 12

### 3) Mediate inferences

- a) Categorical syllogism: its nature, structure and general rules.
- b) Moods and figures
- c) Special rules of figures
- d) Mixed hypothetical syllogism, disjunctive syllogism
- e) Dilemma

Total Periods: 12

Total Marks: 12

### 4) Logical fallacies: I

- a) Fallacies incidental to forms mentioned under 2 and 3 above and the following logical fallacies.

1- In- dictionel –

- i. Fallacy of equivocation and amphiboly
- ii. Fallacy of division and composition
- iii. Fallacy of accent
- iv. Fallacy of converse of accent
- v. Fallacy of figure of speech

Total Periods: 12

Total Marks: 12

### 5) Logical fallacies: II

- b) Fallacies incidental to forms mentioned under 2 and 3 above and the following logical fallacies.

2- Extra dictionel –

- i. Accident
- ii. Converse fallacy of accident
- iii. Petitio principii
- iv. Ignoratio elenchi - ad hominem, ad vercundium, ad baculum and ad populum

Total Periods: 12

v. Fallacy of many questions.

Total Marks: 12

**Semester- II**

**LOG-G-121-Propositional Logic**

Total Periods: 60

Total Marks: 60

**1) Propositional variables and logical constants: -**

- a) Nature of proposition
- b) Distinction between of proposition and sentence
- c) Modern classification of proposition
- d) Symbolization of proposition
  - i. Propositional constants
  - ii. Propositional variables
  - iii. Propositional connectives
- e) Truth functional connectives and their basic truth tables:
  - i. Negation
  - ii. Conjunction
  - iii. Disjunction – Strong and weak
  - iv. Implication
  - v. Logical equivalence

Total Periods: 12

Total Marks: 12

**2) Testing Validity and Statement forms : -**

- a) Symbolizing arguments
- b) Testing Validity of arguments by truth table method
- c) Statement forms: Tautology, contradiction and contingent

Total Periods: 12

Total Marks: 12

**3) Decision procedures –I :-**

- a) Nature and types of decision procedures
- b) Truth table method – its nature and technique
- c) Exercises on proving validity of arguments/ constitutional propositions by Truth Table method.

Total Periods: 12

Total Marks 12

**4) Decision procedures –II :-**

- a) Nature and technique of Shorter Truth table method
- b) Exercises on proving validity of arguments/ constitutional propositions by Shorter Truth Table method.
- c) Nature and technique of truth tree table method
- d) Exercises on proving validity of arguments/ constitutional propositions by Truth tree Table method.

Total Periods: 12

Total Marks 12

**5) Method of deduction :-**

- a) Nature of deductive proof.
- b) Rules of inference- introduction- meaning, symbolic form of rule, exercise by argument / propositional form
- c) Rules of replacement - introduction- meaning, symbolic form of rule, exercise by argument / propositional form
- d) Direct proof – its nature and technique
- e) Exercises on proving validity of arguments by direct proof only.

Total Periods: 12

Total Marks 12

### Books for Reading

1)	Symbolic Logic	:	I.M. Copi and Carl Cohen (ch. 1, 2, and 3)
2)	Introduction to Logic	:	I.M. Copi (Relevant Chapters only)
3)	Elements of Logic	:	Stephen Barker
4)	A modern introduction to Logic	:	L.S. Stebbing
5)	Text book of Logic	:	A. Wolf
6)	Introduction to Logic	:	Patric suppes
7)	तर्करेखा भाग १	:	डॉ. बालगिरी व डॉ. नराटे
8)	सुगम आकारिक तर्कशास्त्र	:	प्रा. मे. पु. रंगे
9)	आकारिक तर्कशास्त्र	:	डॉ. कावळे व डॉ. गोळे
10)	तर्कदीपिका	:	प्रा. जी.जी. अकोलकर
11)	तर्कशास्त्र	:	प्रा. बी. ड. दीशित
12)	सांकेतिक तर्कशास्त्र आणि उद्गमणे	:	प्रा.दि.य. देशपांडे
13)	तर्कशास्त्र प्रवेश	:	प्रा. हुलबाळकर व प्रा. काळे

**Books for Reference**

1)	Methods of Logic	:	W.V.O. Quine
2)	Elements of Modern Logic	:	Mellone
3)	Introduction to Symbolic Logic	:	Basson A.H. and O' Connor D.J.
4)	Elements of formal Logic	:	Hughes and Londey (Relevant Chapters only)
5)	Introduction to Symbolic Logic and its application	:	Carnap R.
6)	An Introduction to Logic and Scientific Method	:	Cohen and Nagel
7)	Introduction to Deductive Logic	:	Lablan H
8)	तर्कविद्या भाग १	:	डा. भी.र. जोशी, प्रा. सु.प्यं. कुलकर्णी, व प्रा. इ.रे. मधवाले
9)	तर्कशास्त्र	:	सांगवीकर बी.के.
10)	तर्कशास्त्र	:	डा. संतोष ठाकरे

**Equivalence****F. Y.B.A. Philosophy**

<b>Old Course (Title)</b>	<b>New Course (Title)</b>
Ethics (Old) (40+10) Pattern	Ethics (New) (60+40) Pattern
<b>Semester I</b>	<b>Semester I</b>
PHI-G-101 Western Ethics (Old)	PHI-G-111 Western Ethics (New)
<b>Semester II</b>	<b>Semester II</b>
PHI-G-201 Dimensions of Ethics (Old)	PHI-G-121 Dimensions of Ethics (New)

## Equivalence

### F. Y.B.A. Logic

<b>Old Course (Title)</b>	<b>New Course (Title)</b>
Traditional & Propositional Logic (Old)	Traditional & Propositional Logic (New)
<b>Semester I</b>	<b>Semester I</b>
LOG-G-101 Traditional Logic (Old)	LOG-G-111 Traditional Logic (New)
<b>Semester II</b>	<b>Semester II</b>
LOG-G-201 Propositional Logic (Old)	LOG-G-121 Propositional Logic (New)