

Part - B

Sant Gadge Baba Amravati University, Amravati

FACULTY : HUMANITIES

Session : 2024-25

Two Years- Four Semesters Master's Degree Programme- NEPv23

Syllabus : M.A. (PHILOSOPHY) Second Year Semester- III

Subject	Code of the Course Subject	Title of the Course Subject	Total Number of Periods	No of Credits
Discipline Specific Core: DSC				
DSC-I.3		Scientific Method in Philosophy	75	05
DSC-II.3		Modern Trends in Philosophy	75	05
DSC-III.3		Social & Political Philosophy	60	04
DSE-III (Select any One)				
Discipline Specific Elective				
DSE-III A		Philosophy of Religion	60	04
OR				
DSE-III B		Logic - I	60	04
Research Project Phase-I		“A Study of Indian Philosophy” Or “A Study of Western Philosophy” Note : Student will choose minimum Three Darshan or Philosopher for this research (Note :The HOD or Principal may also give a different Subject.)	90	04
Total Credits - 14 (DSC) + 04 (DSE) + 04 (Project field work) = 22				

M.A. (Philosophy) Second Year Semester – IV

Subject	Code of the Course Subject	Title of the Course Subject	Total Number of Periods	No of Credits
Discipline Specific Core: DSC				
DSC-I.4		The Problems of Philosophy	75	05
DSC-II.4		Philosophy of Education	75	05
DSC-III.4		Human Value & Indian Constitution	60	04
DSE-IV (Select any One) Discipline Specific Elective				
DSE-IV A		Indian Epistemology	60	04
OR				
DSE-IV B		Logic - II	60	04
Research Project Phase-II		<p>“The comparative study of Indian Education Commissions.” Note : Student will choose minimum two Commissions for this research Or “A critical Study of Problems of Philosophy” (Indian or Western or Both) Note : Student will choose minimum Two Philosophical Problems for this research Note :The HOD or Principal may also give a different Subject.</p>	150	06
Total Credits - 14 (DSC) + 04 (DSE) + 06 (Project field work) = 24				

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M.A. (Philosophy) Second Year Semester – III

Sr.No.	Code	Title	Credit	Period
1	DSC-I.3	Scientific Method in Philosophy	05	75

Course Outcomes (Cos) :

- 1) To Know the Meaning and Nature of Science.
- 2) To Know the Nature of Scientific method & Scientific attitude.
- 3) To know the Nature of Induction Method.
- 4) To know the Grounds of Induction.
- 5) To know the nature and function of Hypothesis. .
- 6) To know the relation between Science, Symbols and Logic.

Unit	Content	Period
1	Nature of science : A. Definition of science B. Common sense and science C. Function of science D. Types of science	12
2	Scientific method and scientific attitude : A. Meaning and characteristics of scientific method B. Stages of scientific investigation (research) C. Nature of scientific attitude D. Importance of scientific attitude	12
3	Induction method : A. Nature of Induction B. Problem of induction C. Types of induction D. Scientific induction	12
4	Formal & material Grounds of Induction : A. Principle of uniformity of nature B. Principle of Causation C. Observation and experiment D. Testimony	13

5	Hypothesis : A. Definition and nature of hypothesis B. Importance of hypothesis C. Condition of valid hypothesis D. Testing of hypothesis	13
6	Philosophical Methods : A. Doubt Method B. Dialectic Method C. Analytical Method D. Logical Method	13

Reference books :

1. वैज्ञानिक पद्धती, डॉ. ज. रा. दाभोळे, फडके प्रकाशन कोल्हापूर, 2004
2. विज्ञानाचे तत्त्वज्ञान, परामर्श प्रकाशन, तत्त्वज्ञान विभाग, पुणे विद्यापीठ पुणे, 2007
3. सुगम तर्क-विचार, माधवी कवी, मठवाले, विद्या प्रकाशन, नागपुर, 2008
4. सुगम तर्कशास्त्र आणि वैज्ञानिक पद्धती, हुलयाळकर, काळे, कावळे, अनाथ विद्यार्थी गृह प्रकाशन, पुणे, 1959
5. तर्कशास्त्र, संतोष ठाकरे, कुंभ प्रकाशन, अमरावती, 2011
6. सांकेतिक तर्कशास्त्र, डी. वाय. देशपांडे, विद्या प्रकाशन, नागपूर, 2011
7. वैज्ञानिक प्रविधि एवं तर्कशास्त्र, अशोक कुमार वर्मा, मोतीलाल बनारसीदास, दिल्ली 2008
8. प्रतीकात्मक तर्कशास्त्र प्रवेशिका, अशोक कुमार वर्मा, मोतीलाल बनारसीदास, दिल्ली 2008
9. संगणक मुलतत्वे आणि चलन प्रणाली, एस.एम. कोलते, पिम्पलापुरे अंनड कंपनी, नागपूर, 2011,978-93-81552-91-9

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M.A. (Philosophy) SecondYear Semester – III

Sr.No.	Code	Title	Credit	Period
2	DSC- II.3	Modern Trends in Philosophy	5	75

Course Outcomes (Cos) :

- 1) To Know the Meaning and History of Realism.
- 2) The place of Pragmatism in our life will be known.
- 3) To know that, phenomenology can be use to solve Metaphysical Problems.
- 4) To know the value of human being regarding to Existentialism.
- 5) To know the language, meaning and function of philosophy.
- 6) To Know the Nature and need of Humanism.

Unit	Content	Period
1	Realism A) Meaning B) History of realism C) Main characteristics of realism D) Types of realism	12
2	Pragmatism A) Meaning B) characteristics C) William James view D) John Dewey's view	12
3	Phenomenology A) Meaning and aim. B) Epoche (method of phenomenology) C) Reduction D) Consciousness	12
4	Existentialism A) Meaning B) Characteristics C) Soren Kierkegaard's view	13

	D) Sartre's View	
5	logical Positivism A) Meaning and history B) Verification theory of meaning (Ayer) C) Falsifiability theory of meaning (Karl Proper) D) The function of philosophy (Ayer)	13
6	Humanism A) Meaning B) History of Humanism C) Types of Humanism D) Need of Humanism	13

Reference Books:

- 1) पश्चात्यदर्शनकेसंप्रदायशोभानिगममोतीलालबनारसीदासदिल्ली, 2009
- 2) समकालीनपश्चात्यदर्शन, बसंतकुमारलाल, मोतीलालबनारसीदासदिल्ली,
- 3) समकालीनपश्चात्यदर्शन, नित्यानंदमिश्र, मोतीलालबनारसीदासदिल्ली
- 4) पश्चात्यतत्त्वज्ञानाचाइतिहासखंड 3, ग. ना. जोशी, कॉन्टिनेन्टलप्रकाशनपुणे
- 5) अर्थमीमांसा, वेदप्रकाशडोणगावकर, ज्ञानपथपब्लिकेशन, अमरावती

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M.A. (Philosophy) Second Year Semester – III

Sr.No.	Code	Title	Credit	Period
3	DSC- III.3	Social & Political Philosophy	04	60

Course Outcomes (Cos) :

- 1) To Know the Nature of Social Institutions.
- 2) To Know the Nature of political Institutions.
- 3) To know the Fundamental Concepts of Society
- 4) To know the Fundamental Concepts of Politics.
- 5) To know the Methods of Social Revolution.
- 6) To aware Modern Socio-political Issues.

Unit	Content	Period
1	Social Institutions A) Family B) society C) education D) religion	10
2	Democratic Institutions A) Legislature (Parliament, State Legislature) B) Executive (Government & Administration) C) Judicial system D) Political parties	10
3	Socio-Political Ideals A) Freedom B) Equality C) Justice D) Fraternity	10
4	Political Ideologies A) Democracy B) Secularism C) Socialism D) Communism	10

5	PoliticalSystem and Social Influence A) Monarchy (Rajshahi) B) Dictatorial C) Democratic D) Sataygrha (Ghandhism)	10
6	Modern Socio-political Issues A) Multiculturalism B) Nuclear family system C) Fundamental rights D) Global leadership	10

Reference books:

- 1) प्रारंभिकसमाजएवंराजनीतिकदर्शन, अशोककुमारवर्मा मोतीलाल बनारसीदास 1999
- 2) समाज और राजनीति का दर्शनिक अध्ययन, जांजय द्विवेदी, उत्तर प्रदेश हिन्दी संस्थान लखनौ, 2006
- 3) भारतीय राजयघटनेतिल मूल्यव्यवस्था, डॉ. बी आर जोशी, सुनिधि पुब्लिशर्स पुणे, 2017, 978-93-85262-15-9
- 4) तत्त्वज्ञान (तत्व-प्रकाश), माधवीकवी, विद्याप्रकाशननागपूर 2020
- 5) सामाजिकतत्त्वज्ञानहेमचंद्रधर्माधिकारी, भारत मुद्रक आणि प्रकाशक, औरंगाबाद 1980
- 6) भारतीय लोकशाही, विचारशलाका, अंक 148-151, (UGC care listed), २२२९-७९०१, एप्रिल २०२४

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M.A. (Philosophy) SecondYear Semester – III

Sr.No.	Code	Title	Credit	Period
4	DSE- III (A)	Philosophy of Religion	04	60

Course Outcomes (Cos) :

- 1) To describe the Nature of Philosophy of Religion.
- 2) To recite the Argument for the existence of God.
- 3) To explain the problem of evil.
- 4) To determinate that can we prove the immortality of soul scientifically.
- 5) To evaluate the various theories of creation.

Unit	Content	Period
1	Nature of Philosophy of Religion A) Relation of Philosophy & Religion B) Scope of Philosophy of Religion C) Methodology of Philosophy of Religion D) Subject Matter of Philosophy of Religion	10
2	Argument for the existence of God A) Ontological Argument B) Cosmological Argument C) Teleological Argument D) Moral Argument	10
3	Problem of Evil A) Meaning of Evil B) Samkhya's Thought about Evil (TrayaDukha) C) Augustin's thought about Evil D) Aquinas thought about Evil	10
4	Soul A) Immortality B) Rebirth C) Liberation D) Anatomy (Jivatma/Panchkosh)	10

5	Theories of Creation A) Theism B) Deism C) Pantheism D) Panentheism	10
6	Challenges to Religion A) Materialistic Atheism B) Agnosticism C) Pragmatism D) Logical Positivism	10

Reference Books :

1. धर्माचेतत्त्वज्ञान, डा. एस. जी. नीगळ, फापाळे, संस्कारनिकेतन, नाशिक, 2012, 978.81.924113.1.6
2. मध्ययुगीनपाश्चात्य तत्त्वज्ञान, डाॅ. वेदप्रकाशडोणगावकर, निर्मलप्रकाशन, नांदेड, 2015, 978.81.8287.296.7
3. पाश्चात्य विचारवंतांचाईश्वरविचार, डाॅ. सुनीलदत्तगवरे, अर्थवप्रकाशन, धुळे, 2021, 978.93.94269.13.2
4. विश्व धर्म, डाॅ. हनदय नारायण मिश्र, शेखरप्रकाशन, इलाहाबाद, 2006
5. ग्रीक एवं मध्यकालीनदर्शन, छोटेलाल त्रिपाठी, प्रयागपुस्तकसदन, इलाहाबाद, 2006
6. An Introduction to Philosophy of Religion – Dr. S. G. Nigal, TatwjnyanVidyapiyh, Thane, 2009
7. An Introduction to Philosophy of Dharma – Dr. S. G. Nigal, TatwjnyanVidyapiyh, Thane, 2009
8. Philosophy of Religion – John H. Hick, Person education India, Delhi, 4th ed. 2015, 978-93-325550179
9. Introduction to Religious Philosophy – Y. Masih, Motilal Banarasidas Publisher, Delhi, 9th ed. 2017
10. The Science & Religious Philosophy – Swami Vivekanand, AdvaitAshram, Champavat, (UK), 11th ed. 1995, 978-81-75050532
11. Philosophy of Religion – Dr, R. N. Sharma, Surjeet Publication, 2019
12. Dharma Darshan – Rushi Kant Pande, Person Education India, Delhi, 978- 9332551305

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M.A. (Philosophy) Second Year Semester – III

Sr.No.	Code	Title	Credit	Period
4	DSE- III (B)	Logic - I	04	60

Course Outcomes (Cos) :

- 1) To interpret Logic in western perspective.
- 2) To explain the various theories of Pramanas and Error.
- 3) To differentiate between formal and non-formal fallacies.
- 4) To prove the validity of argument by the method of deduction.
- 5) To symbolize through propositional function and quantifier.
- 6) To test syllogism by Venn diagram.

Unit	Content	Periods
Unit I	Logic in Western Perspective A) Introduction, Various Definitions of logic, Scope of logic B) The fundamental principles of logic C) Subject matter of logic – Inference, Types of Inference - Deductive, Inductive and Abductive D) Relation between Truth and Validity E) Application and Importance of logic in humane life	10
Unit II	Logic in Indian Perspective: Theories of Pramanas and Error A) Charvaka B) Jain C) Buddhism D) Nyaya E) Mimamsa F) Advaita	10
Unit III	Logical Fallacies and Hypothesis A) Meaning of Fallacy B) Formal Fallacy C) Non-formal Fallacies D) Various definitions and characteristics of hypothesis E) Types of hypothesis	10

Unit IV	Formal proof of validity A) The Methods of Deduction: Rules of Inference B) The Rule of Replacement C) The Rule of Conditional Proof, Strengthened Rule of Conditional Proof D) The Rule of Indirect Proof	10
Unit V	Quantification Theory A) Singular Propositions and General Propositions B) Symbolization through Propositional Function and Quantifier C) Proving Validity – Preliminary Quantification Rules D) Logical Truths involving Quantifiers E) Proving Invalidity	10
Unit VI	Categorical Syllogisms and Venn Diagram A) Categorical Syllogisms B) Formal nature of Syllogistic Argument C) Historical background of Venn Diagram D) Formula and Symbols of Venn Diagram E) Applications of Venn Diagram	10

Reference Books: lanHkZxazFk

- 1) I. M. Copi: Symbolic Logic (5th ed.), Macmillan Co., London.
- 2) G. E. Hughes & D. C. Londey: The Elements of Formal Logic, B. I. Publishers Delhi, 1967.
- 3) Richard Jeffery, Formal Logic. It's Scope & Limits (2nd ed.)
- 4) Korde & Sawant, Elements of Logic, Himalaya Publishing House 1st Edition, 1994
- 5) I. M. Copi & Carl Cohen, Introduction to Logic, Prentice Hall of India, Delhi 9th Edition 1995
- 6) P. Jain, Logic, Laxmi Narain Agrawal Agra, 1st Edition, 2011
- 7) Introduction to logic, Suppes Patrick, East West Press Pvt Ltd, New Delhi
- 8) Elements of logic, J. Sta Maria, New Literature Pub. Co., Mumbai
- 9) दि. य. देशपांडे, सुनीतीदेव, सांकेतिकतर्कशास्त्र, श्री. साईनाथप्रकाशन, नागपूर, २००६

Semester – IV

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M.A. (Philosophy) Second Year Semester – IV

Sr.No.	Code	Title	Credit	Period
1	DSC- I.4	The Problem of Philosophy	5	75

Course Outcomes (Cos) :

- 1) The familiarize the student with nature and basic problems of philosophy.
- 2) The Understand the way of thinking of philosophers regarding problems of philosophy.
- 3) The Understand how to analyze philosophical concepts.
- 4) The studied to solve problems of philosophy by Different opinions.
- 5) The broad knowledge of concepts is gained based on various views.

Unit	Content	Period
1	Truth : A) Monism B) Pluralism C) materialism D) idealism	12
2	Self : A) Vedant B) Buddhism C) Descartes D) Hume	12
3	God : A) Geta B) Nyaya C) Descartes D) Sartre's	12
4	Space and Time : A) Jain B) Vaisheshik C) Hume D) Kant	13
5	Causation : A) Satkaryavada B) Asatkaryavada C) Aristotle D) Mill	13

6	A priori and empirical knowledge : A) Descartes B) Lock C) Kant D) Russell	13
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Reference books:

- 1) तत्त्वज्ञानाच्या मूलभूतसमस्या, दि. य. देशपांडे, कॉन्टिनेन्टल प्रकाशन पुणे 1990
- 2) तत्त्वज्ञानस्वरूपसमस्यातीडी चौधरी विद्या प्रकाशन नागपूर 2008
- 3) भारतीयवशात्तत्त्वज्ञानातील समस्यावृषालीकुलकर्णी विद्या प्रकाशन नागपूर, 2009
- 4) रसेलचे प्रॉब्लेम्स, वा. बखले विद्या प्रकाशन नागपूर 2009
- 5) दर्शनिकसमस्या, संपा. राजेंद्रस्वरूप भटनागर, राजस्थानग्रंथअकादमी जयपुर 1997
- 6) भारतीयतत्त्वज्ञान, वेदप्रकाशडोणगावकरमैत्री प्रकाशन लातूर 2020
- 7) पाश्चात्त्यतत्त्वज्ञान, वेदप्रकाशडोणगावकरश्री प्रकाशन वाशिम 2023

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M.A. (Philosophy) Second Year Semester – IV

Sr.No.	Code	Title	Credit	Period
2	DSC- II.4	Philosophy of Education	5	75

Course Outcomes (Cos) :

- 1) To know the how developed our Indian education system.
- 2) To know the Nature of education in Vedic period.
- 3) To know the Nature of education in Buddhas period.
- 4) To know the Nature of education in Medieval & post Medieval period.
- 5) The understand various opinion of western thinkers regarding education.
- 6) The understand various opinion of Indian thinkers regarding education.

Unit	Content	Period
1	Vedic Education : A) Aims B) Characteristics & Subject matter of Teaching C) Institutions (Gurukul, Ashram, etc.) D) Merits and demerits	12
2	Buddhist Education : A) Aims E) Characteristics & Subject matter of Teaching B) Institutions (Vihar, Sangh) C) Merits and demerits	12
3	Islamic Education : A) Aims F) Characteristics & Subject matter of Teaching B) Institutions (Maktab, Madarsa) C) Merits and demerits	12
4	European : A) Portuguese B) Francis C) Dutch D) British	13
5	Western Modern Educationalist : A) Russo B) Dui C) Montessori D) Russell	13

6	Indian Modern Educationalist : A) Swami Vivekananda B) M. K. Gandhi C) Ravindranath Tagore D) Dr. B. R. Ambedkar	13
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Reference Books :

- 1) भारतीयशिक्षाकीआधुनिकसमस्याए, दिनेशचंद्रभारद्वाज, विनोदपुस्तकमंदिर, आगरा, 1997
- 2) शिक्षादर्शन, शिल्मेरीअलेक्स, रजतप्रकाशन, नईदिल्ली 2008, 978-81-907246-09
- 3) शैक्षणिकतत्त्वज्ञानाचीरूपरेषा, ग. वि. अकोलकर, श्रीविद्याप्रकाशन, पुणे 1990
- 4) शैक्षणिकतत्त्वज्ञान, सुनीलसाळुंखे, मैत्री प्रकाशन, लातूर,978-81-920783-6-2
- 5) भारतीय शैक्षणिक तत्त्वचिंतक,डॉ वृषली आमम्बटकर,क्रिएटिव पुब्लिकेशन्स, नांदेड,2019, 978-93-80745-46-6
- 6) डॉ बाबासाहेब अंबेडकर यांचे शैक्षणिक तत्त्वज्ञान, नागोराव कुंभार,प्रबोधन प्रकाशन,लातूर, 2021

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M.A. (Philosophy) Second Year Semester – IV

Sr.No.	Code	Title	Credit	Period
3	DSC- III.4	Human Values & Indian Constitution	04	60

Course Outcomes (Cos) :

- 1) To associate the Freedom, Duty and Rights.
- 2) To know and apply the principle of equality in life.
- 3) To develop insight about various views on justice.
- 4) To describe the concept of fraternity in own words.
- 5) To know the importance of secularism in multicultural Indian society.
- 6) To know the nature of right & Duty's.

Unit	Content	Period
1	Freedom : A) Meaning & Definition B) Freedom to whom? C) Freedom in Indian Constitution D) Problem of implementation	10
2	Equality : A) Meaning & Definition B) Types of Equality C) Equality in Indian Constitution C) Problem of implementation	10
3	Justice : A) Meaning & Definition B) Types of Justice C) Justice in Indian Constitution D) Problem of implementation	10
4	Fraternity : A) Meaning & Definition B) The origin of Fraternity C) Fraternity in Indian Constitution	10

	D) Problem of implementation	
5	Secularism : A) Meaning & Definition B) Secularism in Indian Constitution C) Characteristics of Secularism D) Merits and Demerits	10
6	Right and Duty : A) Meaning & Definition of Right B) Types of Right C) Meaning & Definition of Duty D) Types of Duty	10

Reference Books :

- 1) भारतीय राजयघटनेतिल मूल्यव्यवस्था, डॉ. बी आर जोशी, सुनिधि पुब्लिशर्स पुणे, 2017, 978-93-85262-15-9
- 2) तत्त्वज्ञान (तत्व-प्रकाश), माधवीकवी, विद्याप्रकाशननागपूर 2020
- 3) प्रारंभिकसमाजएवंराजनीतिकदर्शन, अशोककुमारवर्मा, मोतीलालबनारसीदास, 1999
- 4) समाज और राजनीति का दर्शनिक अध्ययन, जांजय द्विवेदी, उत्तर प्रदेश हिन्दी संस्थान लखन्नौ, 2006
- 5) Indian Constitution (New Edition), Govt. of India

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M.A. (Philosophy) Second Year Semester – IV

Sr.No.	Code	Title	Credit	Period
4	DSE- IV (A)	Indian Epistemology	04	60

Course Outcomes (Cos) :

- 1) To know the how developed our Indian knowledge system.
- 2) To know the Nature of knowledge in Vedic & non-Vedic system.
- 3) To know the Nature of Pramanas.
- 4) To know the Nature of Pramanyvada.
- 5) To understand how to apply pramanas in our life.
- 6) To think about our illusion.

Unit	Content	Period
1	Nature of Knowledge : A) Meaning of Knowledge B) Essential parts of Knowledge (ज्ञाता, ज्ञेय, प्रमाण) C) Prama D) Aprama	10
2	Pratyaksh& It's Types: A) Charvakas View B) Nyayas View C) Mimansakas View D) Buddhist View	10
3	Anuman : A) Meaning of Anuman B) Swarthanum&Pararthanuma (Panchlakshani) C) Vyapti and Pakshdharmata(Nyaya) D) Hetvabhas (Nyaya)	10
4	Upmana and Shabda : A) Meaning of Upmana (Nyaya and Vedant) B) Meaning of Upmana (kumaril& Prabhakar) C) Meaning of Shabda(Samakhya, Nyaya and Vedant) D) Types ofShabda (Nyaya and Mimansak)	10

5	Arthapatti and Anuplabdhi : A) Meaning of Arthapatti(Mimansak and Vedant) B) Types of Arthapatti (Vedant) C) Meaning of Anuplabdhi (Mimansak and Vedant) D) Types ofAnuplabdhi (Vedant)	10
6	Khyativad : A) Anyathakhyati B) Atmkhyati C) Akhyati D) Anirvachniya	10

Reference Books :

- 1) भारतीय तत्त्वज्ञान, डा. वेदप्रकाश डोणगावकर, मैत्री प्रकाशन, लातूर, 2020
- 2) भारतीय तत्त्वज्ञानाचा इतिहास, पी. डी. चैधरी, मंगेशप्रकाशन, नागपूर
- 3) भारतीय तत्त्वज्ञान, श्री. ह. दिक्षीत, फडकेप्रकाशन, कोल्हापूर
- 4) भारतीय तर्कशास्त्राची रूपरेषा, सुरेंद्रबारलिंगे, क्रांतिप्रभापांडे, परामर्श, पूणेविद्यापीठ, पुणे
- 5) सुगमतर्कशास्त्र आणिवैज्ञानिकपद्धती, हुल्याळकर-काळे-कावळे, अनाथविद्यार्थीगृहप्रकाशन, पुणे
- 6) भारतीय ज्ञानमीमांसा, डॉ. निलीमासिन्हा, मोतीलालबनारसीदास, पुणे
- 7) भारतीय दर्शन, चंद्रधर शर्मा, मोतीलालबनारसीदास, पुणे
- 8) भारतीय दर्शन, शोभानिगम, मोतीलालबनारसीदास, पुणे
- 9) भारतीय दर्शन की रूपरेखा, हरेन्द्रप्रसादसिन्हा, मोतीलालबनारसीदास, पुणे
- 10) भारतीय तर्कशास्त्र परिचय, केदारनाथतिवारी, मोतीलालबनारसीदास, पुणे
- 11) तर्कशास्त्र एंववैज्ञानिकपद्धती, केदारनाथतिवारी, मोतीलालबनारसीदास, पुणे

OR

Sant Gadge Baba Amravati University, Amravati

Faculty : Humanities

Session 2024-25

Two Years- Four Semesters Master's Degree Programme-NEPv23

M.A. (Philosophy) Second Year Semester – IV

Sr.No.	Code	Title	Credit	Period
4	DSE- IV (B)	Logic - II	04	60

Course Outcomes (Cos) :

- 1) To apply revised quantification rules.
- 2) To paraphrase the logic of relations.
- 3) To Evaluate and criticize deductive system.
- 4) To explain PM system.
- 5) To solve verbal reasoning problems.
- 6) To solve non-verbal reasoning problems.

Unit	Content	Periods
Unit I	Quantification Theory A) Multiply General Propositions B) Revised quantification Rules C) Shorter Proofs of validity D) Asyllogistic Inference	10
Unit II	Logic of Relations A) Symbolizing Relations B) Arguments Involving Relations C) Predicate Variables and Attributes of Attributes D) Identity and the Definite Description	10
Unit III	Deductive Systems A) Definition and Deduction B) Formal Deductive Systems C) Attributes of Formal Deductive Systems D) Logistic Systems	10
Unit IV	Propositional Calculus A) Primitive Ideas, Well-formed formulas B) Transformation Rules C) PM Axioms of Propositional Calculus D) Theorems of PM E) Deduction Theorem and Consequences	10

Unit V	Logical Reasoning: Verbal Reasoning A) Coding-Decoding, Matrices, Puzzle B) Classification, Direction, Analogy C) Blood Relation, Sitting Arrangement, Ranking Test D) Data Sufficiency, Data Reasoning E) Letter Series, Test of Inequality, statement and Conclusion	10
Unit VI	Logical Reasoning: Non-Verbal Reasoning A) Mirror Image, Water Image, Paper Cutting B) Figure Counting, Finding missing one C) Construction of Squares, Triangles and Boxes D) Embedded pattern, Figure grouping, Dot Situation	10

Reference Books: lanHkZxazFk

- 1) I. M. Copi: Symbolic Logic (5th ed.), Macmillan Co., London.
- 2) G. E. Hughes & D. C. Londey: The Elements of Formal Logic, B. I. Publishers Delhi, 1967.
- 3) Richard Jeffery, Formal Logic. It's Scope & Limits (2nd ed.)
- 4) Korde & Sawant, Elements of Logic, Himalaya Publishing House 1st Edition, 1994
- 5) I. M. Copi & Carl Cohen, Introduction to Logic, Prentice Hall of India, Delhi 9th Edition 1995
- 6) P. Jain, Logic, Laxmi Narain Agrawal Agra, 1st Edition, 2011
- 7) Suppes Patrick, Introduction to logic, East West Press Pvt Ltd, New Delhi
- 8) J. Sta Maria, Elements of logic, New Literature Pub. Co., Mumbai
- 9) R. S. Aggrawal, A Modern Approach to Verbal and Non-Verbal Reasoning, S. Chand Publication, New Delhi, 2019
- 10) R. S. Aggrawal, Quantitative Aptitude, S. Chand Publication, New Delhi, 2022
- 11) A New Approach to Reasoning-Verbal, Non-Verbal and Analytical
- 12) दि. य. देशपांडे, सुनीतीदेव, सांकेतिकतर्कशास्त्र, श्री. साईनाथप्रकाशन, नागपूर, २००६