



KARNATAK UNIVERSITY, DHARWAD
ACADEMIC (S&T) SECTION
ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಧಾರವಾಡ
ವಿದ್ಯಾಮಂಡಳ (ಎಸ್&ಟಿ) ವಿಭಾಗ



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'A' Grade 2014

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No. KU/Aca(S&T)/SSL-394A/2022-23/1055

Date: 23 SEP 2022

ಅಧಿಸೂಚನೆ

ವಿಷಯ: 2022-23ನೇ ಶೈಕ್ಷಣಿಕ ಸಾಲಿನಿಂದ ಎಲ್ಲ ಸ್ನಾತಕ ಕೋರ್ಸುಗಳಿಗೆ 3 ಮತ್ತು 4ನೇ ಸೆಮೆಸ್ಟರ್
NEP-2020 ಮಾದರಿಯ ಪಠ್ಯಕ್ರಮವನ್ನು ಅಳವಡಿಸಿರುವ ಕುರಿತು.

- ಉಲ್ಲೇಖ: 1. ಸರ್ಕಾರದ ಅಧೀನ ಕಾರ್ಯದರ್ಶಿಗಳು(ವಿಶ್ವವಿದ್ಯಾಲಯ 1) ಉನ್ನತ ಶಿಕ್ಷಣ ಇಲಾಖೆ ಇವರ
ಆದೇಶ ಸಂಖ್ಯೆ: ಇಡಿ 260 ಯುಎನ್ಇ 2019(ಭಾಗ-1), ದಿ:7.8.2021.
2. ಸಮಾಜವಿಜ್ಞಾನ ನಿಖಾಯ ಸಭೆಯ ಠರಾವುಗಳ ದಿನಾಂಕ: 12.09.2022
3. ವಿಶೇಷ ವಿದ್ಯಾವಿಷಯಕ ಪರಿಷತ್ ಸಭೆಯ ನಿರ್ಣಯ ಸಂ. 04, ದಿನಾಂಕ: 17.09.2022
4. ಮಾನ್ಯ ಕುಲಪತಿಗಳ ಆದೇಶ ದಿನಾಂಕ: 22-09-2022

ಮೇಲ್ಕಾಣಿಸಿದ ವಿಷಯ ಹಾಗೂ ಉಲ್ಲೇಖಗಳನ್ವಯ ಮಾನ್ಯ ಕುಲಪತಿಗಳ ಆದೇಶದ ಮೇರೆಗೆ, 2022-23ನೇ
ಶೈಕ್ಷಣಿಕ ಸಾಲಿನಿಂದ ಅನ್ವಯವಾಗುವಂತೆ, ಸಮಾಜವಿಜ್ಞಾನ ನಿಖಾಯದ ಎಲ್ಲ ಸ್ನಾತಕ ಕೋರ್ಸುಗಳ ರಾಷ್ಟ್ರೀಯ ಶಿಕ್ಷಣ ನೀತಿ
(NEP)-2020 ರಂತೆ 3 ಮತ್ತು 4ನೇ ಸೆಮೆಸ್ಟರ್‌ಗಳಿಗಾಗಿ ವಿಶೇಷ ವಿದ್ಯಾವಿಷಯಕ ಪರಿಷತ್ ಸಭೆಯ ಅನುಮೋದಿತ
ಪಠ್ಯಕ್ರಮಗಳನ್ನು ಪ್ರಕಟಪಡಿಸಿದ್ದು, ಸದರ ಪಠ್ಯಕ್ರಮಗಳನ್ನು ಕ.ವಿ.ವಿ. www.kud.ac.in ಅಂತರ್ಜಾಲದಿಂದ ಡೌನ್‌ಲೋಡ್
ಮಾಡಿಕೊಳ್ಳಲು ಸೂಚಿಸುತ್ತಾ, ವಿದ್ಯಾರ್ಥಿಗಳು ಹಾಗೂ ಸಂಬಂಧಿಸಿದ ಎಲ್ಲ ಬೋಧಕರ ಗಮನಕ್ಕೆ ತಂದು ಅದರಂತೆ
ಕಾರ್ಯಪ್ರವೃತ್ತರಾಗಲು ಕವಿ ಅಧೀನದ / ಸಂಲಗ್ನ ಮಹಾವಿದ್ಯಾಲಯಗಳ ಪ್ರಾಚಾರ್ಯರುಗಳಿಗೆ ಸೂಚಿಸಲಾಗಿದೆ.

ಅಡಕ: ಮೇಲಿನಂತೆ

(Signature)
ಕುಲಸಚಿವರು.

ಗೆ,

ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾಲಯದ ವ್ಯಾಪ್ತಿಯಲ್ಲಿ ಬರುವ ಎಲ್ಲ ಅಧೀನ ಹಾಗೂ ಸಂಲಗ್ನ ಮಹಾವಿದ್ಯಾಲಯಗಳ
ಪ್ರಾಚಾರ್ಯರುಗಳಿಗೆ. (ಕ.ವಿ.ವಿ. ಅಂತರ್ಜಾಲ ಹಾಗೂ ಮಿಂಚಂಚೆ ಮೂಲಕ ಬಿತ್ತರಿಸಲಾಗುವುದು)

ಪ್ರತಿ:

1. ಕುಲಪತಿಗಳ ಆಪ್ತ ಕಾರ್ಯದರ್ಶಿಗಳು, ಕ.ವಿ.ವಿ. ಧಾರವಾಡ.
2. ಕುಲಸಚಿವರ ಆಪ್ತ ಕಾರ್ಯದರ್ಶಿಗಳು, ಕ.ವಿ.ವಿ. ಧಾರವಾಡ.
3. ಕುಲಸಚಿವರು (ಮೌಲ್ಯಮಾಪನ) ಆಪ್ತ ಕಾರ್ಯದರ್ಶಿಗಳು, ಕ.ವಿ.ವಿ. ಧಾರವಾಡ.
4. ಅಧೀಕ್ಷಕರು, ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆ / ಗೌಪ್ಯ / ಜಿ.ಎ.ಡಿ. / ವಿದ್ಯಾಂಡಳ (ಪಿ.ಜಿ.ಪಿ.ಎಚ್.ಡಿ) ವಿಭಾಗ, ಸಂಬಂಧಿಸಿದ
ಕೋರ್ಸುಗಳ ವಿಭಾಗಗಳು ಪರೀಕ್ಷಾ ವಿಭಾಗ, ಕ.ವಿ.ವಿ. ಧಾರವಾಡ.
5. ನಿರ್ದೇಶಕರು, ಕಾಲೇಜು ಅಭಿವೃದ್ಧಿ / ವಿದ್ಯಾರ್ಥಿ ಕಲ್ಯಾಣ ವಿಭಾಗ, ಕ.ವಿ.ವಿ. ಧಾರವಾಡ.

B.A. Semester - III
Subject: Aristotelian Logic (Code: **013LOG011**)

Course	Type of course	Theory/practical	credits	Interaction hour per week	Total No. lectures	Duration exam	Formative assessment marks	Summative assessment marks	Total marks
Course-5	DSCC-5	Theory	03	03	42	2 hrs	40	60	100

Course Objectives:

- 1. To impart to the learners basic knowledge of Aristotelian Logic.*
- 2. To explore the arguments for Deductive Logic.*
- 3. To throw light on aspects of Aristotelian Logic.*

Course Outcomes (COs):

At the end of the course the student should be able:

- 1. To understand the reasoning process well and to apply it upon arguments or decision procedures to find out the truth.*
- 2. To be able to form standard syllogisms out of grammatical sentences and some thoughts of daily life.*
- 3. To introduce the ideas of terms showing a clear distinction among them.*

Content of Course	Hrs
Unit - 1	14
Chapter No. 1 : Nature and scope of Logic and its Definition.	06
Chapter No. 2 : Truth and validity, Formal validity and material validity.	06
Chapter No. 3 : Uses of Logic.	02
Unit - 2	14
Chapter No. 4: Nature of a sentence and proposition and their difference.	05
Chapter No. 5: Traditional classification of a Proposition.	05
Chapter No. 6: Distribution of terms; opposition of propositions.	04
Unit - 3	14
Chapter No. 7 : Nature and types of Syllogism/Inference – Categorical, Disjunctive & Hypothetical.	05
Chapter No. 8: Limitations of the traditional (Aristotelian) theory of immediate inference.	05
Chapter No. 9: Laws of thought and the Fallacies.	04

References;

- 1) Copi, I. M & Cohen: *Introduction to Logic*, Prentice Hall of India, New Delhi. 1996
- 2) Cohen, M.R & E. Nagel: *An Introduction to Logic and Scientific Method*, Allied Publishers, New Delhi. 1972
- 3) Stebbing, L.S: *A Modern Introduction to Logic*, Methuen and Company, Ltd. London, 1954
- 4) W.V. Quine: *Methods of Logic (Revised Ed.)* Harvard University Press, Cambridge (mass). 1951
- 5) Richard Jaffery: *Formal Logic its Scope and Limits*, McGraw-Hill Book Company, New York. 1967
- 6) *ಉಪನಿಷದ್ ಧರ್ಮಸೂತ್ರ (ಪ್ರತಿಭಾಷಣೆ)*, ಬಿ.ಎಸ್. ಶರ್ಮ, ಸಾಹಿತ್ಯ ಅಕಾಡೆಮಿ ಪ್ರಶಸ್ತಿ, 1971
- 7) G. Hanumantharao: *Tarkashastra (Nigamana, Anugamana)* – Kannada. Prasara, University of Mysuru, Mysuru. 2004

Pedagogy

Formative Assessment	
Assessment Occasion	Weightage in Marks
a) Semester End Examinations	60
b) Formative Assessment:-	40
i) Home assignments -1	10
ii) Seminar -1	10
iii) Internal test - 2	10x2=20
Total	100

B.A. Semester - III

Subject: Scientific Method (Code: **013LOG012**)

Course	Type of course	Theory/practical	credits	Interaction hour per week	Total No. lectures	Duration exam	Formative assessment marks	Summative assessment marks	Total marks
Course-6	DSCC-6	Theory	03	03	42	2 hrs	40	60	100

Course objectives:

- 1) *To understand the nature and aim of science.*
- 2) *To understand the characteristics of scientific hypothesis.*
- 3) *To know the relation between cause and effect.*

Course outcomes:

Student can be able to

- 1) *understand the meaning and importance of scientific method.*
- 2) *learn how to find solution for a problem.*
- 3) *learn how the scientific method is useful in predicting future events, etc.*

Content of Course	Hrs
Unit - 1	14
Chapter No. 1 : An introduction to Science	03
Chapter No. 2 : Nature and Aim of Scientific method.	07
Chapter No. 3 : Importance of Scientific method	05
Unit - 2	14
Chapter No. 4: Nature and importance of Hypothesis	03
Chapter No. 5: Characteristics of scientific hypothesis	06
Chapter No. 6: Verification and proof of Hypothesis	06
Unit - 3	14
Chapter No. 7 : Concept of cause and characteristics of causation	05
Chapter No. 8 : Aristotle's and J.S. Mill's view of cause	03
Chapter No. 9 : (a) Scientific view of causation (b) Cause and condition	07

Reference:

- 1) Cohen M.R. and E Nagel: An introduction to logic and Scientific method, Allied publishers, New Delhi, 1972.
- 2) Barker. S.F.: Elements of logic, New York, Mcgraw Hill, 1965.
- 3) Stebbing L.S.A. modern introduction to logic, London and Methuen, 1968.
- 4) Black and max; critical thinking prentice Hall, New York 1952.
- 5) गणित और तर्क का परिचय, जे. ई. अग्रवाल, एन. टी. प्रकाश, दिल्ली, 1972.
- 6) Prof. K.V.Belsare: An introduction to Logic and Scientific method; Bookseller's publishing company, Bombay 1968.

Pedagogy

Formative Assessment	
Assessment Occasion	Weightage in Marks
a) Semester End Examinations	60
b) Formative Assessment:-	40
i) Home assignments -1	10
ii) Seminar -1	10
iii) Internal test - 2	10x2=20
Total	100

B.A. Semester - III

OEC- Subject : General Ethics (Code: 003PHI051)

Course	Type of course	Theory/practical	credits	Interaction hour per week	Total No. lectures	Duration exam	Formative assessment marks	Summative assessment marks	Total marks
OEC	OEC	Theory	03	03	42	2 hrs	40	60	100

Course objectives:

- 1) This paper aims to give knowledge about the good and bad.*
- 2) To give knowledge about actions such as right and wrong or good and bad.*
- 3) To show the importance of professional ethics.*

Course Outcomes:

- 1) Students can be able to understand importance of ethics.*
- 2) Students can be able to adopt ethical values in his life.*
- 3) Students can be able to understand the importance of environmental ethics.*

Content of Course	Hrs
Unit - 1	14
Chapter No. 1 : Introduction to Ethics ; meaning and definition	04
Chapter No. 2 : Nature, Scope and utility of ethics; moral concepts of Good, ought, and right	05
Chapter No. 3: Moral and Immoral actions: some issues regarding Public Administration.	05
Unit - 2	14
Chapter No. 4: Introduction to professional Ethics and public policy	03
Chapter No. 5: Medical Ethics – Surrogacy, Doctor-patient relation, Euthanasia	07
Chapter No. 6: Media Ethics, piracy, problem of yellow journalism.	04
Unit - 3	14
Chapter No. 7 : An Introduction to Environmental Ethics. Some basic issues.	04
Chapter No. 8 : Ecology; Development and protection of Environment	05
Chapter No. 9 : Man-Nature relation; the concept of sustainable development.	05

References;

- 1) Singer Peter: Applied Ethics: Oxford University Press, 1986.
- 2) Rachel James: The Elements of Moral Philosophy, Oxford University Press, 2011.
- 3) Joseph R.D.: An Introduction to Philosophy: words worth publishing company, 2005

Pedagogy

Formative Assessment	
Assessment Occasion	Weightage in Marks
a) Semester End Examinations	60
b) Formative Assessment:-	40
i) Home assignments -1	10
ii) Seminar -1	10
iii) Internal test - 2	10x2=20
Total	100

B.A. Semester - IV
Subject: Logical Thinking and Decision Making (Code: **014LOG011**)

Course	Type of course	Theory/practical	credits	Interaction hour per week	Total No. lectures	Duration exam	Formative assessment marks	Summative assessment marks	Total marks
Course-7	DSCC-7	Theory	03	03	42	2 hrs	40	60	100

Course Objectives:

1. Learn to identify and understand the problem, and interpret information effectively relative to the problem.
2. Learn to combine creative thinking and critical thinking to solve problems and develop alternatives to address criteria to predict implications and consequences.
3. Construct well-reasoned solutions/conclusions and support conclusions with fact in the process of decision making.

Course Outcomes (COs):

At the end of the course the student should be able to:

1. Analyse the context and information to clearly understand and identify a problem.
2. Establish relevant criteria and standards for acceptable solutions by applying problem solving steps and tools.
3. Work through the critical thinking process to build, analyse and evaluate varying viewpoints and avoid common decision-making mistakes.

Content of Course	Hrs
Unit - 1	14
Chapter No. 1 : An Introduction to logical and critical thinking.	05
Chapter No. 2 : Nature of critical thinking and its components	05
Chapter No. 3 : Critical thinking: A second order activity	04
Unit - 2	14
Chapter No. 4: Scientific method of detecting the problems.	05
Chapter No. 5: Identification and Analysis of the problem.	06
Chapter No. 6: Organizing the data and identifying the errors.	03
Unit - 3	14
Chapter No. 7: Problem analysis and Decision making: Evaluating the argument: validity soundness and strength reflecting upon the issue with sensitivity and fairness.	07
Chapter No. 8 : Evaluating Decision options from multiple perspectives	03
Chapter No. 9 : Identifying inconsistencies understanding dilemma and looking for appropriate solution within limitations.	04

References;

1. Hurley, Patrick. J.: *A Concise Introduction to Logic*, Ward worth, Cengage Learning. 2007
2. Kam Chuan Aik, & Stephen Edmonds: *Critical Thinking: Selected Topics for Discussion and Analysis*, Longman. 1977
3. Dewey, John: *How we Think: A Restatement of the Relation of Reflective Thinking to the Educative Process*. D C Heath & Co, Boston. 1985
4. Noirich, Gerald M: *Learning to Think Things Through: A Guide to Critical Thinking*, Prentice Hall. 2002.
5. F. O'NEILL: *Logic: The Basics*, ©. P. A. W. O'NEILL 2004.

Pedagogy

Formative Assessment	
Assessment Occasion	Weightage in Marks
a) Semester End Examinations	60
b) Formative Assessment:-	40
i) Home assignments -1	10
ii) Seminar -1	10
iii) Internal test - 2	10x2=20
Total	100

B.A. Semester - IV

Subject: Modern Symbolic Logic – Truth Functional Logic(Code: **014LOG012**)

Course	Type of course	Theory/practical	credits	Interaction hour per week	Total No. lectures	Duration exam	Formative assessment marks	Summative assessment marks	Total marks
Course-8	DSCC-8	Theory	03	03	42	2 hrs	40	60	100

Course Objectives:

- 1) To develop thinking capacity with logical skill.
- 2) To understand different types of proposition forms and arguments.
- 3) To know the validity and invalidity of arguments and truth tables.

Course Outcomes (COs):

- 1) After studying the course students can be able to distinguish between statements.
- 2) Student can be able to develop his thinking capacity by using different skills of logic.
- 3) Student can be able to make a proper decision in any conflict.

Content of Course	Hrs
Unit - 1	14
Chapter No. 1 : An Introduction to symbolic Logic; uses of symbols in Logic	04
Chapter No. 2 : Classification of propositions in sentential logic: simple and compound	07
Chapter No. 3 : Different kinds of truth functional compound statements.	03
Unit - 2	14
Chapter No. 4: Statement and statement form	03
Chapter No. 5: Different Kinds of statement forms - tautology, contradictory and contingent.	04
Chapter No. 6: Using the Truth Table to determine the types of statement form.	07
Unit - 3	14
Chapter No. 7 : Argument and argument form; using the Truth table to determine the validity of an argument	05
Chapter No. 8 : Method of the shorter Truth table technique to prove the invalidity of arguments.	05
Chapter No. 9 : The method of assigning truth values.	04

References;

- 1) Copi, Irving M and Cohen C: Introduction to Logic, Latest Edition, Prentice Hall, India – 2001
- 2) Copi, Irving M :Symbolic logic. Latest Edition Macmillan Company, New York.
- 3) Barker Stephen F: The Elements of Logic McGraw Hill Book Company, New York 1965.

Pedagogy

Formative Assessment	
Assessment Occasion	Weightage in Marks
a) Semester End Examinations	60
b) Formative Assessment:-	40
i) Home assignments -1	10
ii) Seminar -1	10
iii) Internal test - 2	10x2=20
Total	100

B.A. Semester - IV
OEC- Subject: Logic and Scientific Method (Code: 004PHI051)

Course	Type of course	Theory/practical	credits	Interaction hour per week	Total No. lectures	Duration exam	Formative assessment marks	Summative assessment marks	Total marks
OEC	OEC	Theory	03	03	42	2 hrs	40	60	100

Course objectives:

- 1) *To understand the nature and aim of Logic and scientific method.*
- 2) *To understand the characteristics of Logic and scientific hypothesis.*
- 3) *To know the relation between cause and effect.*

Course outcomes:

- 1) *Students can be able to understand the meaning and importance of logic and scientific method.*
- 2) *Students can be able to learn how to find solution for a problem.*
- 3) *Students can be to learn how logic and scientific method are useful in making predictions about future events/phenomena.*

Content of Course	Hrs
Unit - 1	14
Chapter No. 1 : General Nature, Aim and importance of science.	05
Chapter No. 2 : Characteristics of Scientific method.	04
Chapter No. 3 : Nature and characteristics of Hypothesis in scientific method.	05
Unit - 2	14
Chapter No. 4: Postulates of science: Formal and Material Postulates	04
Chapter No. 5: Formal postulates: Uniformity of Nature and causation.	04
Chapter No. 6: Aristotle's view of cause; Mill's view of cause	06
Unit - 3	14
Chapter No. 7 : Material postulates: Observation and Experiment.	05
Chapter No. 8 : Characteristics of observation and experiment.	05
Chapter No. 9 : Differences between observation and Experiment.	04

Reference;

- 1) Cohen M.R. and E Nagel: An introduction to logic and Scientific method, Allied publishers, New Delhi, 1972.
- 2) Barker. S.F.: Elements of Logic, New York, McGraw Hill, 1965.
- 3) Stebbing L.S.: A Modern Introduction to Logic, London and Methuen, 1968.
- 4) Black and Max; Critical Thinking, Prentice Hall, New York, 1952.
- 5) गणेशजी. ए. ए. : तर्कशास्त्र, जे. ए. ए. (के. ए. ए. ए.) प्रकाशक प्रा. «तर्कशास्त्र, जे. ए. ए. 1971.
- 6) Prof. K.V. Belsare: An Introduction to Logic and Scientific method; Bookseller's publishing company, Bombay, 1968.

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Formative Assessment	
Assessment Occasion	Weightage in Marks
a) Semester End Examinations	60
b) Formative Assessment:-	40
i) Home assignments -1	10
ii) Seminar -1	10
iii) Internal test - 2	10x2=20
Total	100

Details of Formative assessment (IA) for DSCC/OEC/SEC: 40% weight age for total marks

Type of Assessment	Weight age	Duration	Commencement
Written test-1	10%	1 hr	8 th Week
Written test-2	10%	1 hr	12 th Week
Seminar	10%	10 minutes	--
Case study / Assignment / Field work / Project work/ Activity	10%	-----	--
Total	40% of the maximum marks allotted for the paper		

**Faculty of Social Science
04 - Year UG Honors programme:2021-22**

**GENERAL PATTERN OF THEORY QUESTION PAPER FOR DSCC/ OEC
(60 marks for semester end Examination with 2 hrs duration)**

Part-A

1. Question number 1-06 carries 2 marks each. Answer any 05 questions : 10marks

Part-B

2. Question number 07- 11 carries 05Marks each. Answer any 04 questions :20 marks

Part-C

3. Question number 12-15 carries 10 Marks each. Answer any 03 questions : 30 marks

(Minimum 1 question from each unit and 10 marks question may have sub questions for 7+3 or 6+4 or 5+5 if necessary)

Total: 60 Marks

Note: Proportionate weightage shall be given to each unit based on number of hours prescribed.

