FYUGP
PHILOSOPHY
SEMESTER-II

Course Name: CRITICAL THINKING
Course code: SEC 2
Nature of Course: SKILL ENHANCEMENT COURSE (SEC)
Total Credits: 3
Distribution of Marks: 60 (End-Sem) + 40 (In-Sem)

Course Description:

This is a skill enhancement course of Philosophy premeditated for the learners of all discipline. Its primary aim is to construe basic knowledge of the meaning, characteristics and relevance of critical thinking in present lives. It is further aimed at developing the capacity to analyze aftermaths, detect misjudgments, compare ideas and draw conclusions from a given body of knowledge.

Course Outcomes (COs) & Intended Learning Outcomes (ILOs)

The students will be able to

CO. 1: Evaluate the meaning and standards of critical thinking

ILO 1.1: Enhance the understanding of the meaning, characteristics of critical thinking
ILO 1.2: Detect the barriers of critical thinking
ILO 1.3: Develop the ability to detect the hindrances of critical thinking
ILO 1.4: Acquire the skill of critical thinking to solve real life problems

CO. 2: Analyze the logical connections among different ideas

ILO 2.1: Illuminate the nature of an argument
ILO 2.2: Demonstrate the ability to recognize deductive and inductive arguments
ILO 2.3: Identify and evaluate arguments using principles of reasoning
ILO 2.4: Analyze arguments considering strengths and weakness of our reasoning

CO. 3: Assess different fallacies involved in arguments

ILO 3.1: Discuss inconsistencies and common mistakes in reasoning
ILO 3.2: Identify language problems such as ambiguity and vagueness

CO. 4: Develop the skill of critical thinking on the basis of understanding of critical thinking from Indian Philosophical perspectives

ILO 4.1: Explain dialectical method of Indian Philosophy describing its three stages.

ILO 4.2: Analyze Tarka as a form of critical thinking

ILO 4.3: Differentiate Tarka from other ways of argumentation i.e. Bada, Jalpa and Vitanda

ILO 4.4: Explain Relativism of Jaina Philosophy with reference to its Epistemology and Metaphysics

ILO 4.5: Assess the implication of Jaina Relativism on critical thinking

Course Outcome Representation with Blooms Taxonomy:

Cognitive Knowledge Dimension	**Cognitive Process Dimension**					
	Remember	**Understand**	**Apply**	**Analyze**	**Evaluate**	**Create**
Factual Knowledge						
Conceptual knowledge		**CO 4**		**CO 4**		
Procedural knowledge		**CO 2**	**CO 1 CO 2**		**CO 3**	
Metacognitive Knowledge						

Course Contents with unit, marks and teaching-learning hours distribution:

Units	**COs, ILOs**	**Course Contents**	**L**	**T**	**P**	**Total Hours**
Unit I **(15 Marks)**	**CO 1:** ILOs: 1.1 to 1.4	1. Meaning and Standards of Critical ThinkingBenefits and Barriers of Critical Thinking 2. Characteristics of Critical Thinker (Activity-Decision making in dilemmas of real life problem)	10	2	-	12

Unit II **(15 Marks)**	**CO 2:** ILOs: 2.1 to 2.4	1. Nature of Argument, Recognition of an Argument 2. Deductive Argument and its ValidityInductive Argument and its Strength	9	2	-	11
Unit III **(15 Marks)**	**CO 3:** ILOs: 3.1 to 3.2	1. Evaluation of Arguments: Linguistic Phenomena as Causes of Fallacious Argument 2. Nature of Formal and Informal Fallacies 3. Informal fallacies: Fallacies of Ambiguity, Presumption and Relevance	9	2	-	11
Unit IV **(15 Marks)**	**CO 4:** ILOs: 4.1 to 4.5	1. Stages of Dialectical Method in Indian Philosophy: Purvapaksa, Khandana and Uttarapaksa 2. Tarka as Method and Vada, Jalpa, Vitanda askinds of Arguments in Indian tradition 3. Implication of Jaina Relativism (Epistemic and Metaphysical) to Critical Thinking	9	2	-	11
		Total	**37**	**8**	**-**	**45**

Modes of Assessment

End Semester Assessment **60 Marks**

Written Test

In-Semester Assessment: **40 Marks**

Two Sessional Examinations 20 Marks

Any two of the following activities listed below 20 Marks

Seminar/ Group Discussion/ Project /Assignment /Viva etc.

(In case of Project Work, it will carry 20 marks along with 20 marks for two compulsory Sessional Examinations)

Suggested Readings:

1. Copi, I.M.: *Introduction to Logic*, Pearson, New Delhi, 2012
2. Hurley, Patrick J.: *Introduction to Logic*, Wadsworth, Cengage Learning, 2007
3. Dewey, John: *How to Think: A Restatement of the Relation of Reflective Thinking to the Educative Process*. Boston: Health, 1933
4. Parker & Moore: *Critical Thinking*. McGraw Hill, New Delhi (Ch. 1,2,3 & 8), 2023
5. Sastri, S. Kuppuswami: *A Primer of Indian Logic*. Hassell Streets Press, 2021
6. Madhuchhanda Sen: *An Introduction to Critical Thinking*. Pearson, New Delhi, 2010
7. Kam Chun Aik, and Stephen Edmonds: *Critical Thinking*, Longman
8. Noisich, Gerald M.: *Learning to Think things through: A Guide to Critical Thinking*, Prentice Hall, 2002
9. Dutta, D.M.: *The Six Ways of Knowing*, Calcutta university Press,2014
10. Bhatt, Govardhan P.: *Basic Ways of Knowing*, Motilal Banarsidass, 1989
11. Sen, Debabrata: *The Concept of Knowledge*, K. P. Bagchi, Calcutta, 1984
12. Chaterjee, Satischandra: *The Nyaya Theory of Knowledge*, University of Calcutta, 1939
13. Prasad, Jwala: *History of Indian Epistemology*, Munshiram Manoharlal Publishers, 1987
14. Singh,B.N.: *Indian Logic*, Asha Prakashan, 1982