

SEMESTER-II
Course Name: CRITICAL THINKING
Course Code: SEC 2
Nature of Course: Skill Enhancement Course (SEC)
Total Credits: 3
Distribution of Marks: 70 (End-Sem) + 30 (In-Sem)

(This Course is not intended to those who studied GEC PHI 1-Introduction to Philosophy)

Course Objectives:

The objectives of this Course are-

- Conceptualize the meaning and standards of critical thinking
- Detect the barriers of critical thinking
- Grasp the logical connections among different ideas
- Discuss inconsistencies and common mistakes in reasoning
- Analyzing arguments considering strengths and weakness of our reasoning
- Describing different fallacies involved in arguments

Unit	Course Contents	L	T	P	Total hours
Unit I (Marks 15)	1. Meaning and Standards of Critical Thinking Benefits and Barriers of Critical Thinking 2. Characteristics of Critical Thinker (Activity-Decision making in dilemmas of real life problem)	7	1	-	8
Unit II (Marks 15)	1. Nature of Argument, Recognition of an Argument 2. Deductive Argument and its Validity Inductive Argument and its Strength	7	1	-	8
Unit III (Marks 20)	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	10	2	-	12

Unit IV (Marks 20)	1. Stages of Dialectical Method in Indian Philosophy: Purvapaksa, Khandana and Uttarapaksa	10	2	-	12
	2. Tarka as Method and Vada, Jalpa, Vitanda as kinds of Arguments in Indian tradition				
	3. Implication of Jaina Relativism (Epistemic and Metaphysical) to Critical Thinking				
	Total	34	6	-	40

Where,

L: Lectures

T: Tutorials

P: Practicals

Modes of In-Semester Assessment:

30 Marks

• One Sessional Examination:

10 Mark

• Any two of the following activities listed below:

20 Marks

Seminar/ Group Discussion/ Project /Assignment /Viva

Learning Outcomes:

- Enhance the understanding of the meaning, characteristics of critical thinking
- Develop the ability to detect the hinderances of critical thinking
- Acquire the skill of critical thinking to solve real life problems
- Identify and evaluate arguments using principles of reasoning
- Formulate and present convincing reasoning in support of our conclusions
- Demonstrate the ability to recognize deductive and inductive arguments
- Identify language problems such as ambiguity and vagueness

Suggested Readings:

1. Copi & Cohen: *Introduction to Logic*. Pearson, New Delhi (Ch. 1 & 10) 12th ed. 2006
2. Parker & Moore: *Critical Thinking*. McGraw Hill, New Delhi (Ch. 1,2,3 & 8) 13th ed. 2023
3. Sen, Madhuchanda: *An Introduction to Critical Thinking*. Pearson, New Delhi, 2010
4. Patrick J. Hurley: *A Concise Introduction to Logic*. Cengage, Delhi (Ch. 1 & 3) 2018
5. Chatterjee, S.C.: *The Nyaya theory of Knowledge: A Critical Study of Some Problems of Logic and Metaphysics*. Papa Publications India; First Edition, 2015
6. Datta, D.M.: *Six Ways of Knowing*. Motilala Banarsidass, 2017
7. Singh, B.N.: *Indian Logic*. Asha Prakashan, 1986
8. Sastri, S. Kuppaswami: *A Primer of Indian Logic*. Hassell Streets Press, 2021