

## INTERDISCIPLINARY/MULTIDISCIPLINARY PAPERS (COMMON POOL)

**Course Title: Critical Thinking and Decision Making**

**Credit: 2**

**Objectives:** This course aims to acquaint the students with the dynamics and skills involved in the process of Critical Thinking and Decision Making.

UNIT	TOPICS
UNIT I	Critical Thinking and its Components: 1. Critical Thinking: A Second-Order Activity. 2. Identification and Analysis of the Problem. 3. Organizing the Data and Identifying the Errors.
UNIT II	Problem Analysis, Decision Making and Wrapping up for Solution: 1. Evaluating the Argument: Validity, Soundness and Strength, Reflecting upon the issue with Sensitivity and Fairness. 2. Evaluating Decision Options from Multiple Perspectives. 3. Identifying Inconsistencies, Understanding Dilemma and Looking for Appropriate Solution within Limitations.

### **Suggested Readings:**

1. Hurley, Patrick J. (2007) *Introduction to Logic*, Wadsworth, Cengage learning.
2. Kam Chun Aik, and Stephen Edmonds, *Critical Thinking*, Longman
3. Dewey, John. (1933) *How to Think: A Restatement of the Relation of Reflective Thinking to the Educative Process*. Revised edition. Boston: Heath
4. Noisich, Gerald M. (2002) *Learning to Think things through: A Guide to Critical Thinking*, Prentice Hall.
5. Case Studies.

**Course Title: Environmental Ethics****Credit: 3**

**Objectives:** This course aims to help the students imbibe the critical understanding of ethical issues concerning man and environment.

UNIT	TOPICS
UNIT I	Defining Environment, Nature, Ecology and Ecosophy. Relationship between Applied Ethics and Environmental Ethics
UNIT II	Man and Nature Relationship: Indian Philosophical Perspective - Classical Indian attitude to environment, Upanisadic world view Religious Perspective - Christianity, Tribal Religion
UNIT III	Environment and Social Issues: Resources Depletion and Sustainable Development
UNIT IV	Some Challenges for Environmental Philosophy: Overcoming Anthropocentrism, Defining Moral Status
UNIT V	Human Responsibility towards Environment: Moral Dilemma – Present versus future generation conflict Emerging Global Trends: Nuclear Hazards, Climate Emergency, Man and Animal Conflict

**Suggested Readings:**

1. Environment and Environmental Philosophy in India *George Alfred James*.
2. Sarkar, "Environmental philosophy: from theory to practice," Wiley-Blackwell, Chichester, West Sussex. 2012
3. Weston, 1999. "An Invitation to Environmental Philosophy," Oxford University Press, New York.
4. Drengson, Inoue, 1995. "The Deep Ecology Movement," North Atlantic Books, Berkeley, California.
5. Armstrong, Susan, Richard Botzler. *Environmental Ethics: Divergence and Convergence*, McGraw-Hill, Inc., New York.
6. Benson, John, *Environmental Ethics: An Introduction with Readings*, Psychology Press. 2000.
7. Devall, W. and G. Sessions. *Deep Ecology: Living As if Nature Mattered*, Salt Lake City: Gibbs M. Smith, Inc. 1985.
8. Foltz, Bruce V., Robert Frodeman. 2004. *Rethinking Nature*, Indiana University Press, 601 North Morton Street, Bloomington, IN 47404-3797
9. Keulartz, Jozef, 1999. *The Struggle for Nature: A Critique of Environmental Philosophy*, Routledge.
10. Næss, A. 1989. *Ecology, Community and Lifestyle: Outline of an Ecosophy*, Translated by D. Rothenberg. Cambridge: Cambridge University Press.
11. Pojman, Louis P., Paul Pojman. *Environmental Ethics*, Thomson-Wadsworth, United States.