



**Darrang College
(Autonomous),
Tezpur-784001**

Syllabus for Certificate Course

**Course Name: Introduction to Reasoning
and Critical Thinking**



DEPARTMENT OF PHILOSOPHY

Darrang College



Syllabus of Certificate Course





Syllabus

Certificate Course on 'An Introduction to Reasoning and Critical Thinking'

Department of Philosophy

Darrang College (Autonomous), Tezpur, Assam-784001

UNIT 1: REASONING:

Introduction: Kinds of Reasoning: Inductive Reasoning and Deductive Reasoning

Argument: Kinds of Argument: Inductive and Deductive Argument: Differences between Inductive and Deductive Argument

UNIT 2: EVALUATING DEDUCTIVE ARGUMENT:

Proposition: Transformation of Proposition: Distribution of Term: Inference: Syllogism: Figure:

Mood: Testing Syllogistic Argument

UNIT 3: EVALUATING INDUCTIVE ARGUMENT:

Definition of Induction: Kinds of Induction: Formal Grounds of Induction:

Principle of Uniformity of Nature and the Law of Causation: Material Grounds of Induction: Simple Observation and Experiment: Fallacies in Inductive Logic

UNIT 4: REASONING IN EVERYDAY LIFE:

Inductive Reasoning in everyday life

Deductive Reasoning in everyday life

UNIT 5: INTRODUCTION TO CRITICAL THINKING:

Characteristics of Thinking: Types of Thinking: Definitions and Characteristics of Critical Thinking:

Benefits of Critical Thinking: Critical Thinking in Personality Development: Critical Thinking in Academic Writing

UNIT 6: HOW REASONING HELPS IN CRITICAL THINKING:

Peer Group Discussion

BOOKS RECOMMENDED:

Ray, B.N.

Deductive Logic

Roy, B.N.

Inductive Logic

Copi, I.M.

Introduction to Logic, 14th Edition

Chakrabarti, Chhanda

Logic: Informal, Symbolic and Inductive

Dewey, John

How We Think

Mahatma Gandhi University Edition

Critical Thinking, Academic Writing and Presentation Skills

