

CERTIFICATE COURSE IN CRITICAL THINKING FOR BETTER JUDGMENT AND DECISION-MAKING

SYLLABUS

DEPARTMENT: DEPARTMENT OF CHEMISTRY

NAME OF COURSE: CERTIFICATE COURSE IN CRITICAL THINKING FOR BETTER JUDGMENT
AND DECISION-MAKING

COURSE CODE: CVAC007

TOTAL HOURS: 30

UNIT-I (10 HOURS)

The Critical Thinking - Critical versus strategic thinking - Dimensions of Critical Thinking - Seven ways to think about thinking - Conditions to think beneath the surface - Minimizing Bad Judgment - A Nobel Prize-winning way to think about thinking - Spot cognitive biases.

UNIT- II (10 HOURS)

The Critical Thinking Process: Assumptions, Critical Thinking Fallacies - Most common logical fallacies at work - Avoiding the planning fallacy - Using framing to your advantage - Decision making methods - Improving Decision Quality - The REF method: Your intuition referee - Using counterfactual thinking - Overcoming dangers of loss aversion.

UNIT -III (10 HOURS)

Developing a critical Thinking mindset - Assess trustworthy information – Develop mental agility – Become a quantum thinker -Avoid overthinking – Balance rational, strategic and emotional thinking - Creative & Critical Thinking in Business - Group Discussion.

REFERENCE

- Fifty Strategies to Boost Cognitive Engagement: Creating a Thinking Culture in the Classroom (50 Teaching Strategies to Support Cognitive Development), Kindle Edition by Rebecca Stobaugh
- The New Critical Thinking: An Empirically Informed Introduction 1st Edition, Kindle Edition by Jack Lyons
- Thinking Critically 012 Edition, Kindle Edition by John Chaffee
- The Critical Thinking Toolkit 1st Edition, Kindle Edition by Galen A. Foresman