SYLLABUS FOR BOARD OF STUDIES ADOPTION — generated from the live catalogue record

Outcome-Based Education and CO–PO Mapping

FDP-03 · 2 days (configurable 1–5 days) · Informatics · Career and Communication

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OVERVIEW

Write outcomes that can be measured, and build the attainment evidence NBA asks to see.

Most CO–PO matrices are written after the fact to satisfy a panel. Written properly they tell the department something true about its own teaching.

HOURS AND CREDIT POSITION

Contact hours: 12 Guided project: 3 Self-study: 3 Notional total: 18

Credit claim: none

Offered as a non-credit programme. The hours above are stated for transparency; the college may position it inside value-added / add-on frameworks at its discretion.

COURSE OUTCOMES

CO1. Write course outcomes using verbs that can be assessed and observed (K3)
CO2. Identify outcomes that cannot be measured and rewrite them (K4)
CO3. Construct a CO-PO matrix with a stated justification for each mapping (K3)
CO4. Compute attainment from assessment data against a declared threshold (K3)
CO5. Evaluate an attainment report and state what the department should change (K5)

COURSE CONTENT — MODULES

Hours shown are the recommended format; module time scales proportionally when the engagement runs 1–5 days.

Module 1 — Writing measurable outcomes (4h recommended)
Theory: Bloom levels, assessable verbs, the words to avoid and why
Lab: Rewrite five weak outcomes from your own syllabus
Output: Five rewritten course outcomes

Module 2 — Mapping to programme outcomes (4h recommended)
Theory: The matrix, strength levels, justification, over-mapping
Lab: Map your own course
Output: Justified CO-PO matrix

Module 3 — Attainment and evidence (4h recommended)
Theory: Direct and indirect attainment, thresholds, closing the loop
Lab: Compute attainment from a real mark sheet
Output: Attainment report

ASSESSMENT SCHEME (100 MARKS)

Rewritten outcomes — 30 marks
CO-PO matrix with justifications — 40 marks
Attainment report — 30 marks

CO–PO MAPPING

CO1 !’ PO6 (strength 3)
Writing measurable outcomes is the practice the programme exists to fix.

CO2 !’ PO4 (strength 2)
Spotting an unmeasurable outcome is critical analysis of one's own material.

CO3 !’ PO6 (strength 3)
The matrix is the artefact the accreditation panel reads.

CO4 !’ PO5 (strength 2)
Attainment computation is a quantitative tool skill.

CO5 !’ PO12 (strength 2)
Acting on attainment evidence is continuous improvement.

EVERY PARTICIPANT RECEIVES

- Certificate of completion
- Course material
- LMS access

FEE

On your college's quotation
Excludes the optional nasscom assessment where offered. Final pricing on your college's quotation.

DESIGNED BY

Venkat Kurela — Founder, Kurela Cognisive Pvt Ltd