



Programme Outcome - Course Outcome (PO-CO) Attainment Policy

1. Introduction

Vidyasagar Metropolitan College, affiliated with the University of Calcutta, is committed to delivering quality education through clearly defined learning outcomes. The PO-CO Attainment Policy ensures a systematic process to define, map, measure, and improve the attainment of Course Outcomes (COs) and Programme Outcomes (POs) across all undergraduate and postgraduate programmes.

2. Objectives of the Policy

- To define a framework for CO and PO formulation, mapping, and evaluation.
- To align course delivery and assessment with intended learning outcomes.
- To measure the extent to which students achieve the learning outcomes.
- To facilitate continuous improvement in teaching-learning and assessment practices.

3. Definitions

- Course Outcomes (COs): Statements that describe what students are expected to learn at the end of a course.
- Programme Outcomes (POs): Broad statements that describe the graduate attributes students are expected to attain at the end of a programme.

4. Roles and Responsibilities

- IQAC: To oversee the implementation, monitoring, and revision of the CO-PO Attainment Policy.
- Academic Departments: To formulate COs, map COs with POs and PSOs, and maintain attainment records.
- Course Teachers: To define course-level outcomes and design assessment strategies aligned with those outcomes.
- Examination Cell: To assist in collecting and analyzing internal and external assessment data.

5. CO-PO Mapping



Each course will be mapped with relevant POs and PSOs using a binary approach, whether a CO matches with an expected possible outcome of the program or not.

A CO-PO matrix will be prepared for every course and approved by the respective Board of Studies or Departmental Committee.

6. Assessment Methods

CO and PO attainment will be assessed using both direct and indirect methods:

Direct Assessment

- Internal Assessments (class tests, assignments, presentations)
- End-Semester University Examinations
- Practical/Project Work

Indirect Assessment

- Student Feedback on Course Outcomes
- Graduate Exit Surveys
- Employer Feedback (where applicable)

-Most importantly from Department's assessment of each and every student based upon some specific course and program oriented questionnaire. Each of the question will be associated with a grading system and weighted average marks awarded to the student will be able to correlate the outcome achieved by the student in that particular program.

7. Attainment Calculation

CO Attainment:

CO attainment is calculated based on student performance in internal and external assessments, typically with the following weightage:

- Internal Assessment: 20%
- External Examination: 80%

Departments are expected to set threshold levels to evaluate attainment.



PO Attainment:

PO attainment is determined through:

- Aggregated CO-PO mapping scores
- Weightage of individual COs toward a PO
- Indirect feedback analysis

8. Target Setting

Departments will set realistic targets (e.g., 60% of students achieving a particular level) at the beginning of each academic session. Variations from the target will be analyzed for continuous improvement.

9. Continuous Improvement

Results of CO-PO attainment analysis will be discussed in departmental meetings. Departments will identify gaps and propose corrective actions (e.g., revision of syllabus, teaching strategies, or assessment tools). Attainment data will be included in AQAR and SSR documentation for NAAC.

10. Documentation and Review

CO-PO matrices, attainment records, feedback forms, and analysis reports must be preserved for each academic session. The IQAC will review the attainment process annually and suggest revisions in policy as required.