



## 2.6.2 Attainment of POs and COs are evaluated.

### CO-PO Attainment Procedure:

The syllabus of each course explicitly outlines the Course Outcomes (COs) to be achieved. To gauge the attainment of these outcomes, a combination of continuous internal evaluation (CIE) and semester-end examination (SEE) is employed. CIE is informed by the marks obtained by students across various assessments such as assignments and objective and descriptive questionnaires. The weightage allotted is 30% for internal evaluation and 70% for the semester end examination.

The institution establishes standards and targets for course attainment within each program. Faculty members are tasked with striving to meet these targets. The measurement of course outcomes follows these steps:

1. Establishing targets for course attainment.
2. Formulating questions aligned with appropriate Bloom's Taxonomy levels.
3. Specifying the COs and Bloom's Taxonomy level for each question in every assessment.
4. Recording the marks for each question in the assessment for each student.
5. Collating the data into Excel templates and computing CO attainment for each student and the course (for multi-section courses, data is submitted to the course coordinator for further processing).

Practice of measuring attainment of Program Outcomes (POs):

Program Outcomes (POs) are predefined by NBA. PO attainment is assessed using two methods: Direct and Indirect attainment, each assigned a specific weightage.

For Direct attainment, course outcomes are delineated in the syllabi for each course. A course articulation matrix is constructed to highlight the alignment of each CO with the POs of the program. The program articulation matrix is derived from the course articulation matrices of all courses within the program. PO attainment levels are then computed by weighted averaging of the attainment values of COs from individual courses using the program articulation matrix.

These modifications retain the essence of the original statements while enhancing clarity and readability.

CO Attainment Levels are as follows:

S.No	Attainment level	Description	Target
1	1	>50% of students scoring more than target	50% of highest mark
2	2	>60% of students scoring more than target	50% of highest mark
3	3	>70% of students scoring more than target	50% of highest mark



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