



"Only Knowledge can provide salvation"

# KESHAV MAHAVIDYALAYA

Approved by Govt. of Rajasthan & Affiliated to University of Kota  
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## Criterion-02 Teaching-learning and Evaluation

### Key Indicator-2.6- Student Performance and Learning Outcome

#### Metrics No-2.6.2

**Attainment of POs and COs are evaluated.**

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## Attainment of POs and Cos

### Programme Outcomes (PO)

POs are statements about the knowledge and skills the graduate/post graduate of an institution should have. POs deal with the general aspect of Graduation/Post Graduation for a particular programme, and the competencies and expertise a graduate/post graduate will possess after completion of the program. These are broad and cover a wider area than of COs.

### Programme Specific Outcomes (PSO)

Programme Specific Outcomes (PSOs) are specifically defined outcomes of the programme which the graduates have to acquire by the end of the programme.

### Course Outcome (CO)

They are the resultant knowledge skills the student acquires at the end of a course. It defines the cognitive processes a course provides. It is the statement which indicates, that a student can do after the successful completion of a course. Every Course leads to some Course Outcomes. The CO statements are defined by considering the course content covered in each module of a course. For every course, teacher may prepare six or less course outcomes.

Keshav Mahavidyalaya, Kota follows the standard process for Course Outcomes (CO) and Program Outcomes (PO) attainment as part of its academic assessment and quality assurance procedures, in line with guidelines set by the University of Kota and NAAC accreditation standards.

The CO-PO attainment process generally involves mapping the learning outcomes of individual courses (COs) to the overall program goals (POs). These are measured through various assessments like exams, assignments, and project evaluations, ensuring that students achieve the intended skills and knowledge by the end of their program.

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KMV has an Internal Quality Assurance Cell (IQAC) that oversees academic quality.

In academic assessments, *direct* and *indirect* attainment methods are key approaches to evaluating Course Outcomes (CO) and Program Outcomes (PO).

1. **Direct Attainment:** This is the most straightforward method, where student performance is directly measured through tangible evaluations like:
  - Exams
  - Quizzes
  - Assignments
  - Lab reports
  - Projects or case studies

Each assessment is aligned with specific COs, and student results on these assessments provide a quantifiable measure of how well they meet the learning outcomes. This data is used to calculate direct attainment scores by comparing student performance against predefined benchmarks or passing criteria.

2. **Indirect Attainment:** This method gathers feedback and perceptions from students and stakeholders (e.g., alumni, employers) about their learning experiences and outcomes. Tools used include:
  - Student surveys and feedback forms
  - Alumni feedback
  - Employer surveys
  - Course exit interviews

Indirect attainment provides insight into how well students feel they have mastered the outcomes, how applicable these skills are in real-world scenarios, and the satisfaction level with the education provided. Though it is more subjective, it complements direct attainment by offering a broader perspective on educational impact.

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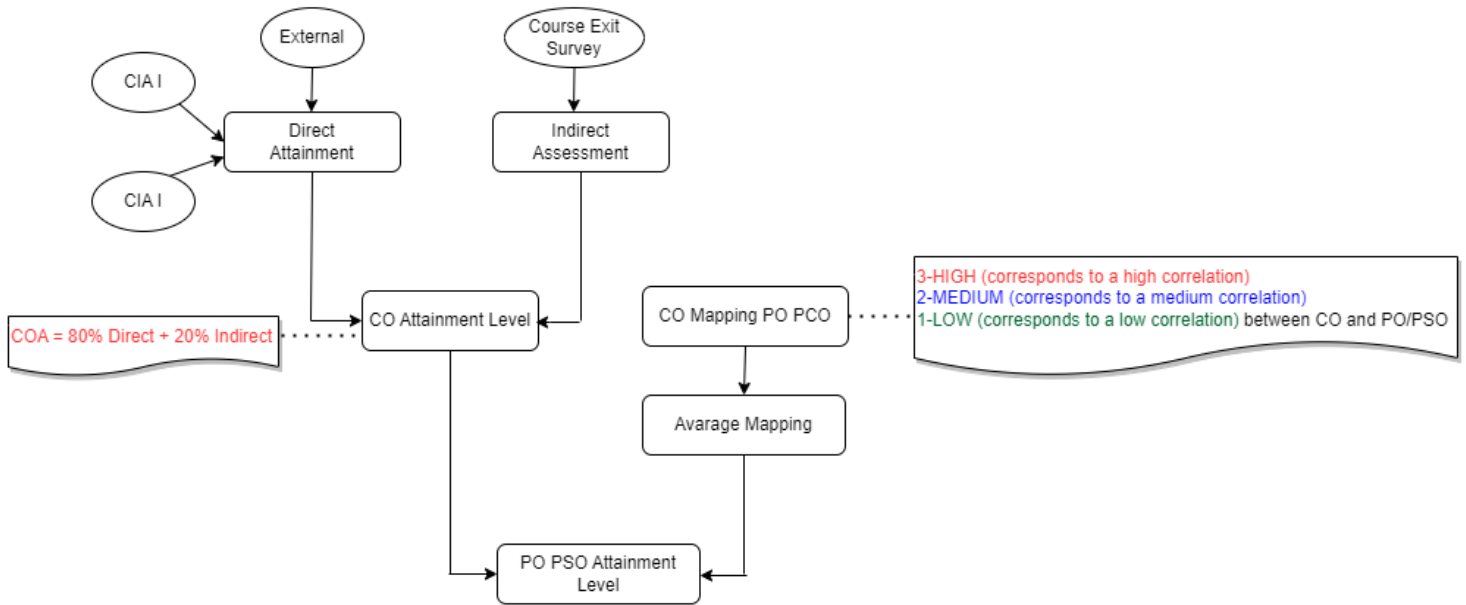


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**Flow chart illustrating the process of CO-PO attainment, outlining the steps involved in assessing how well course and program outcomes are achieved**



**Fig: Flowchart for obtaining PO PSO Attainment**

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