Attainment of Programme Outcomes (POs) and Course Outcomes (COs) are Evaluated by the Institution

The institution systematically evaluates the attainment of Programme Outcomes (POs) and Course Outcomes (COs) as part of its Outcome-Based Education (OBE) framework to ensure continuous quality enhancement in teaching and learning.

Mechanism for CO and PO Attainment

The attainment of COs and POs is measured through both direct and indirect assessment methods. Course Outcomes are evaluated at the course level, while Programme Outcomes are assessed at the programme level by mapping COs with POs and Programme Specific Outcomes (PSOs).

Direct Assessment Methods

The institution evaluates CO attainment through:

- Internal examinations and unit tests
- End-semester examinations
- Assignments, seminars, and presentations
- Laboratory performance and practical examinations
- Projects and viva voce

Marks obtained in these assessments are used to calculate CO attainment levels.

Indirect Assessment Methods

Indirect methods include:

- Student feedback on course and teaching-learning process
- Alumni feedback on programme effectiveness
- Employer feedback regarding graduate competencies
- Course exit surveys

These inputs help in evaluating overall programme effectiveness and outcome achievement.

Mapping of COs with POs and PSOs

- Each course is mapped with relevant Programme Outcomes and Programme Specific Outcomes.
- CO attainment values are aggregated to calculate PO attainment.
- Weightage is assigned based on curriculum design and assessment components.
- Attainment levels are categorized (e.g., Low, Moderate, High) based on predefined benchmarks.

Evaluation Process

- Departments calculate CO attainment at the end of each semester.
- IQAC reviews and verifies attainment reports for accuracy and consistency.
- Academic Council monitors overall programme attainment and provides recommendations.
- Gaps identified in attainment are addressed through corrective actions.

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Action Taken for Improvement

Based on attainment analysis, the institution implements:

- Remedial classes for low-performing students
- Curriculum enrichment and revision suggestions
- Faculty development programs for teaching improvement
- Introduction of bridge courses and skill-based training

Conclusion

The institution has a structured and effective mechanism for evaluating the attainment of Programme Outcomes and Course Outcomes. This ensures continuous monitoring, quality enhancement, and alignment with Outcome-Based Education principles.

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