

METHODOLOGY FOR ASSESING POS, PSOs AND COs

The assessment framework is designed to capture both the theoretical understanding and practical skills acquired by students through a variety of formative and summative methods:

Assessment Components

- Continuous unit-wise assessments, assignments after each unit to monitor immediate understanding and provide prompt feedback.
- Comprehensive internal assessments including course-end assessment projects.
- Presentations during courses that assess communication skills and conceptual clarity.
- Semester End Examinations (SEE) that test the integrated knowledge across the units of a course.
- A dedicated six-month research project evaluated through the submission of a dissertation, participation in a journal club, and an oral project presentation or viva, emphasizing research methodology, critical analysis, and innovation.

Outcome Mapping

- Detailed rubrics are developed to map each assessment component to the corresponding COs, PSOs, and overall POs.
- Both peer and instructor feedback is integral to help students understand their progress and areas for improvement.
- Assessment data (scores from quizzes, assignments, lab performance, etc.) are compiled and analyzed to determine the level of outcome achievement.
- Regular departmental reviews are conducted to ensure that the assessment strategies remain aligned with the defined learning outcomes and that any gaps are addressed promptly.