



Pragjyotish College

Guwahati 781009

POLICY OF OUTCOME BASED EDUCATION

Outcome-Based Education (OBE) is an educational framework that focuses on defining specific learning outcomes that students should achieve by the end of a course or programme.

Principles

1. **Clearly Defined Outcomes:** Establish specific, measurable, and achievable learning outcomes for each course or program. These outcomes should align with institutional goals and the needs of stakeholders.
2. **Student-Centered Learning:** Focus on what students are expected to learn rather than what is taught. Instruction should be designed to help students meet these outcomes.
3. **Flexibility in Learning:** Allow for various learning paths and methods, accommodating different learning styles and paces.
4. **Assessment Alignment:** Ensure that assessments directly measure the specified learning outcomes. This includes formative (ongoing) and summative (final) assessments. Formative assessment is a type of assessment used to monitor student learning and provide ongoing feedback that can be used by instructors to improve their teaching and by students to enhance their learning.
5. **Continuous Improvement:** Use data from assessments to improve teaching strategies, curriculum design, and overall educational effectiveness.

Designing Learning Outcomes:

The Programme Outcomes (PO), Programme Specific Outcomes and Course Outcomes provided by the affiliating university should be considered. If the affiliating university is not having POs/PSOs/COs, POs should be designed by the Academic Committee of the College and PSOs and COs are to be designed by the respective departments. COs should be designed as per the Bloom's Taxonomy. COs are mapped to POs at High (3), Medium (2) or Low (1) level.

Measuring Learning Outcomes:

1. Assessment Types:

- o **Formative Assessments:** Regular class tests quizzes, assignments, and discussions to gauge course outcomes of students throughout the course. All the questions are framed as per COs and CO attainments are obtained. Since COs are mapped to PO and PSOs PO attainments are obtain as per a institutionally designed tool using the formula

$$\text{PO1 attainment} = \frac{(\text{CO1:PO1 Mapped} \times \text{CO1 Attained}) + (\text{CO2:PO1 Mapped} \times \text{CO2 Attained}) + \dots}{3 \times \text{No. of COs}} \%$$

- o **Summative Assessments:** Final exams, projects, or portfolios that evaluate overall achievement of learning outcomes.

2. **Feedback Mechanisms:** Students' feedbacks on PO/PSO/CO attainment are to be obtained.

Implementation Considerations

- **Training for Educators:** Provide professional development for educators on designing outcomes and assessments that align with OBE principles.
- **Institutional Support:** Ensure that there is institutional commitment to OBE, including resources for assessment and evaluation.
- **Continuous Review:** Regularly revisit and revise learning outcomes to ensure they remain relevant to industry standards and societal needs.

By focusing on clear outcomes and systematic assessment, the college aims to enhance student learning and ensure that graduates possess the skills and knowledge required for success in their chosen fields.