

Response:

Programme outcomes (POs) are attained through the university curriculum that offers several required courses including elective courses. Course Outcomes (COs) are well-defined and are prepared for each course by the respective subject teacher. The level of attainment for COs for both continuous assessment and assignments is set for each course on a scale of 0 to 3 based on marks scored by students.

Evaluation Guidelines for CO and PO Attainment:

a. Course outcomes:

The course outcomes shall provide a chance for students to prove the knowledge, skills and expertise learned from the specific course. The course outcomes are thus directly measured and are related to the program outcomes.

Process of preparation of course outcomes:

- All course outcomes are developed using Bloom's taxonomy and consequently, assignments, continuous assessment and practicals are aligned to CO addressing the level of Bloom's taxonomy.
- Each faculty has designed COs based on the number of units in the syllabus ranging between 4-6.

Methods of measuring the course outcomes:

- The course outcomes are assessed by the performance of students in the internal exams, assignments and university examinations. The internal exams are divided into 4 continuous assessments for theory and two sessional examinations for practical.
 - Continuous assessment is planned in such a way that it covers all the course outcomes. The question paper format for internal examination is decided by the IQAC headed by the principal, following Bloom's taxonomy level.
 - Since the question-wise results of students from the university semester examination are not available, so we have set the pass percentage for theory (45%) and the pass percentage for practical (50%) as the target level.
 - The level of attainment for COs for both internal and University examinations is set on a scale of 0 to 3 based on marks scored by students.
- 1) If 30% of students have obtained marks above target, then the level is considered as low level 1.
 - 2) If 40% of students have obtained marks above target, then the level is considered as medium level 2.
 - 3) If 50% of students have obtained marks above target, then the level is considered as high level 3.
- The questions asked in the continuous assessments and assignments shall be mapped with COs and POs.
 - The final CO attainment is calculated by making a correlation between attainment through continuous assessment and assignments with 30% weightage and external or university examination with 70% weightage.

b. Methods of measuring the Program outcomes:

The level of PO attainment is evaluated by Direct (80% Weightage) and indirect (20% weightage) tools, as per the details below:

Direct Attainment Tools:

The various direct assessment tools for assessing the POs attainment are as follows:

- Continuous assessment
- Assignments
- University theory examination
- Lab examination

Indirect Attainment Tools:

The various indirect assessment tools for assessing the POs attained are as follows:

- Graduate Exit Survey
- Alumni Survey
- Employer Survey

By the above methods, SVIST ensures the attainment of COs and POs through well-defined assessment criteria.