

## **2.6.2 Attainment of programme outcomes and course outcomes are evaluated by the institution**

The institution's Programme Outcomes (POs) and Course Outcomes (COs) discuss the calibre of the education the college offers.

The institution's programme outcomes focus on developing students' abilities and skills for employment, research, problem-solving, social responsibility, ethics, environmental protection, and empowerment via education.

What the student should be able to do at the end of the course is measured by the course outcomes. It is an effective ability with traits, abilities, skills, and knowledge to carry out the stated action successfully.

The most crucial CO property should be observable and quantifiable. While achieving and rating POs and COs, the following factors are taken into account.

Direct Assessment and Indirect Assessment are used to evaluate CO and PO accomplishment.

**Direct Assessment Method:** Assignments, semester-end exams, and constant internal midterms are used to evaluate COs. The COs are mapped against each question, and faculty members do CO analysis for each course while also documenting their findings. Internal examination results, which represent an average of 75% of University exams and 25% of internal exams, are taken into account when evaluating COs. On a scale of 1 to 3, attainment is determined ( High 3, medium 2 and low 1).

**Seminars:** A seminar about the study programme must be presented by the students. The goal of the seminar presentation is to evaluate how well students interact with their lecturers and peers on the topics they have been given. Assessments are made of the topic, preparation, presentation, and communication abilities.

**Viva-voce:** Throughout the practical lessons, the subject teacher routinely engages with the students to assess their level of knowledge and capacity for critical thought..

**Project work:** Under the faculty member's supervision, students begin group research projects in their final semester. Students' capacity to create a plan, carry it through through design and

execution of experiments, analysis and interpretation of data, and timely delivery of results is evaluated. Attendance and track record in practise

**Indirect Assessment Method:** In addition to university exams, surveys and feedback from students, alumni, and employers are used as indirect assessment measures.

**Programme-Exit Survey:** This survey, which was completed by final-year students at the end of their degree, provides detailed feedback for the PO evaluation.

**Alumni Survey:** Every year, alumni participate in this survey to provide feedback and suggestions on how to improve PO achievement in the current societal situation.

**Employer Survey:** To assess the PO's accomplishments, the employer sent this survey. The college has established courses on skill development at various levels. The rating is greatly influenced by the number of students who enrol in certification programmes like SAS and pharmacovigilance (PV).