

# GOKULA KRISHNA COLLEGE OF PHARMACY

HEI CODE: C-26844

NAAC SSR

CYCLE I



## 2: TEACHING - LEARNING & EVALUATION

2.6 Student Performance  
& Learning Outcome

2.6.2 Attainment  
of POs and COs

### 2.6.2 Sample Attainment Sheets



Approved by PCI, New Delhi, Government of AP & Affiliated to JNTUA  
Recognized by UGC U/S 2(f), An ISO 9001:2015 Certified Institution

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## 2.6.2 Attainment of Co & Po

The educational quality of an institution is measured by its program outcomes (POs) and course outcomes (COs). The Integration of CO-PO mapping into the curriculum is discussed during the IQAC meetings. The POs are designed to develop skills and expertise in students in the areas of problem-solving, social responsibility, ethics, environmental protection, research, employment, and education empowerment. The COs prioritizes industry readiness, experiential learning, research orientation, subject knowledge, and awareness of societal issues.

The POs and COs attainments are evaluated based on the following considerations:

### Direct Assessment Procedure:

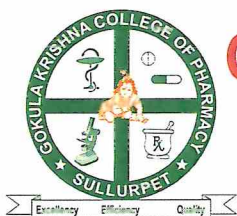
1. Faculty members use the COs specific to each course, which are prepared by the respective faculty and verified by Heads of Departments (HoDs).
2. Internal examination marks are averaged to facilitate further calculation of direct attainment.
3. External and internal examination marks are weighted based on the total marks according to the university curriculum, and these weights are used to calculate the attainment of COs.
4. The attainment of each CO in both external and internal examinations is determined by multiplying the percentage of questions asked in the respective exam, the weight of examination marks, and the class average in the same examination.
5. The percentage of CO attainment is calculated by dividing the sum of individual CO attainments by the average weight distribution (AWD) of the corresponding CO.



*Pavan*

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Sri Krishna Educational Society's

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## For program outcomes (POs) and program-specific outcomes (PSOs):

1. Direct attainment is obtained by averaging the CO-PO and CO-PSO attainment matrices defined for all courses.
2. Indirect attainment is derived from survey-based attainment values of POs and PSOs, including graduate exit, alumni, and parent feedback.
3. Final attainments are calculated by considering 70% of direct assessment and 30% of indirect assessment.

## Indirect Assessment Methods:

Various measures, such as publishing research articles in reputable journals, engagement in conferences, seminars, workshops, or pharma expos to assess leadership and organizational abilities, achievement in the GPAT Entrance Examination, enrolment in esteemed post-graduate programs (including international institutions), industry evaluations during internships, and the noteworthy accomplishments of alumni in pharmaceutical firms and government agencies, are used to assess the students' competence, experiences, and success beyond the confines of traditional assessments.

## POs and PSOs achievement:

**Direct achievement** is calculated by averaging CO-PO and CO-PSO attainment matrices for all courses.

**Indirect achievement** is derived from survey-based data on POs and PSOs, including graduate exit, alumni, and parent feedback.

Final achievement is determined by giving 70% weight to direct assessment and 30% weight to indirect assessment.



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