

Internal Quality Assurance Cell

Criterion-II : Key Indicators 2.5 *Evaluation Process and Reforms*

2.6.2 Attainment of PO's, PSO's, Course Outcomes CO's

Methods Policy Document of Attainment of Programme outcomes and course outcomes are evaluated by the institution.

The college has its own unique system to evaluate attainment of CO, PO and PSO which is based on final year result analysis and program exit survey for particular program run in the college. The IQAC of the college has designed the unique excel sheet for all the calculation of attainment of CO, PO and PSO for all the faculties.

Performance of the students in internal and external examination of respective courses at their final examination (2021-22) have been used to evaluate the Course outcome (CO) called **Direct Total Attainment**.

The Program Exit Survey has conducted from Stakeholders (Final year students, Alumni, Parents, Teachers, Industrial experts etc.) through common questionnaire for all the courses to evaluate Program Outcomes and Program Specific Outcomes (PO, PSO) called as **Indirect Total Attainment**.

For the evaluation of attainment, the College has decided 50% threshold value representing attainment of CO and PO learned by students in respective program. The threshold value is the base value upon which marks are to be consider for the further calculation of Course attainment. The attainment has classified in to 3 level i.e. Level 1 (40-60%); Level 2 (60-70%) and Level 3 (Above 70%).

Mechanism of evaluation for CO, PO & PSO:

1. Method for calculation of direct attainment based on result: Under the prescribed excel sheet developed by the IQAC, the marks obtained by the students in respective courses are classified into two categories i.e. Internal & External (University) Examination. Where respective department enters the course-wise performance of the students in concern program.

2. Attainment level calculation for CO: The College has defined the values for classification of Course attainment i.e. Level 1 (40-60%) Low; Level 2 (60-70%) Medium and Level 3 (Above

70%). Based on student's performance in internal and external exam marks in respective course, the attainment levels for the said course have been calculated.

3. Method for calculation of indirect attainment based on Programme Exit Survey: The Program Exit Survey has conducted from Stakeholders through questionnaire for each course, wherein the responses in the form 10 scale rating were obtained, used for evaluation of PO and PSO. The questions are as follows:

- a) How will you rate to the Course Content under Specific Programme provides adequate knowledge and skills about the Course?
- b) How will you rate the Programme assign by Parent university is able to inculcate Critical & analytical thinking among the student?
- c) How will you rate the students are able to create, select and apply appropriate techniques &resources according to the need of modern Society?
- d) How will you rate the students are able to design Solutions for Complex Societal, Cultural, technical and Environmental Problems through knowledge given by Specific Programme?
- e) How will you rate the students are able to functioning effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings?

4. Attainment level calculation for PO & PSO: The College has defined the values for classification of Course attainment i.e. Level 1 (40-60%) Low; Level 2 (60-70%) Medium and Level 3 (Above 70%). Based on responses obtained through Program Exit Survey from Stakeholders, the attainment levels for the said Programme have been calculated.

5. Final Attainment calculation for PO: For evaluation of final PO attainment 70% weightage is given for direct attainment and 30% weightage was given for program exit survey i.e. indirect attainment.

Ref. Flow Chart of Methodology



Kshud
Principal
Maratha Vidya Prasarak Samaj's
Karmaveer Shantarambapu Kondaji Wavare
Arts, science and Commerce College
Uttamnagar, CIDCO, Nashik-422008

1. Fig. Flow chart of Methodology of Attainment of PO's, PSO's, CO's

