



**Criterion : II Teaching – Learning and Evaluation**  
**Metric : 2.6.2 Attainment of POs and COs are evaluated**  
**Year : 2018-2023**



## 2.6.2 Attainment of POs and COs are evaluated

The Programme outcomes (POs) and Course outcomes (COs) for all undergraduate, postgraduate, M.Phil. and P.G. Diploma programmes offered by the institution are stated and displayed on the college website([www.mvmwgacdgl.ac.in](http://www.mvmwgacdgl.ac.in)). The institution offers Outcome Based Education (OBE) programmes from 2021 syllabus framed by the university which strengthens students' caliber, promotes potential and ensures employability. The courses provide clear criteria for what is expected for the betterment of the students. The syllabus constitutes the core idea of promoting the status of enhancing the learning subject skills.

The Steps involved in the evaluation of Course Outcomes and Programme Outcomes/Programme Specific Outcomes are discussed as follows,

1. Defining the **Course Objectives**
2. **Course Outcomes** to be outlined
3. Outline the **Programme Outcomes (PO) and Programme Specific Outcomes (PSO)**

4. Perform **Course Outcomes mapping** with Programme Outcomes and Programme Specific Outcomes based on the correlation values (3-high;2-medium;1-low) along with the weighted average(Y) were calculated.

5. **Course Attainment (COA) Calculation**

a) Fix the Target (X), find the number of students secured more the target.

$$X > 60\%$$

b) Find out the percentage(P) of students reached the target

$$P = (X/N) * 100$$

where N is the total students appeared for exam.

The above steps-5(a)&(b) were applied for

**Direct Assessment -1** (Continuous Internal Assessment(CIA), Assignment and Seminar/Quiz)

**Direct Assessment – 2** (External Examination Assessment)

**Indirect Assessment** (Feedback from Students)

**Attainment Levels** were decided as given below,

Percentage(P)	Attainment Level
>80%	3
>70%	2
>60%	1

Based on the Attainment level,

<b>Attainment of Direct Assessment -1 Calculation</b>
<b>Average (CIA + Assignment + Quiz/Seminar)</b>

<b>Attainment of Direct Assessment -2 Calculation</b>
<b>Attainment Value based on Percentage</b>

<b>Attainment of Direct Assessment Calculation</b>
<b><math>25\% * (\text{Direct Assessment-1}) + 75\% * (\text{Direct Assessment-2})</math></b>

<b>Attainment of Indirect Assessment Calculation</b>
<b>Attainment Value based on Percentage of students given their feedback</b>

<b>Course Outcome Attainment (COA) Calculation</b>
<b><math>90\% * (\text{Direct Assessment}) + 10\% * (\text{Indirect Assessment})</math></b>

6. Based on the Course Outcome Attainment values, the PO/PSO Attainment were calculated

<b>PO/PSO Attainments Calculation</b>
<b><math>\text{Course Outcome Attainment (COA) Value} * \text{Weighted Average Mapping(Y)} / 3</math></b>

The student feedback system provides information pertaining to the relevance of the course, availability of the course material, and courses importance in terms of employability, that help the college to measure its learning outcomes. The college has utilized SSS (NAAC) to seek feedback for measuring the attainment level of course, and programme outcomes.