

CRITERIA- 6

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

Algorithm for CO-PO Attainment process

1. With the help of mid answer scripts attainment level of each CO is calculated and converted into the 3 point scale.
2. Using Quiz and assignment marks attainment level of each CO is calculated and converted into the 3 point scale.
3. Average of Mid Exam, Quiz and Assignment Attainment level is considered as internal exam attainment.
4. Using following rubrics Semester end exam attainment calculated

Table 2 Rubrics for Semester end exams

End exam Results	Grade allocation
≥80%	3
60-79%	2
50-59%	1

5. Attainment of COs calculated using following formula
70% of semester end exam+30% internal exam
6. Attainment of CO-PO calculated by using following formula
$$\frac{(\text{Attainment Level of Individual CO} \times \text{mapping level of CO-PO})}{\quad}$$

7. Overall Direct Attainment is equal to Average of each PO attainment level of all COs



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Algorithm for CO-PO

Attainment process

(Indirect assessment)

1. Assessment

Tools

Alumni

feedback

Faculty

feedback

2. Feedback percentage is calculated using formula

$$\frac{(\text{Number of excellent responses} + \text{Number of good responses} + \text{Number of Average responses})}{\text{Total Responses}}$$

3. Rubrics for feedback percentage

End exam Results	Grade allocation
$\geq 80\%$	3
60-79%	2
50-59%	1

3. 10% of weightage given to each feedback



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4. Indirect Attainment=

(Alumni feedback Grade \times 0.1 + Faculty feedback Grade \times 0.1)

5. Overall attainment is calculated using following formula (80% of Direct attainment) + (20% of Indirect attainment)



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