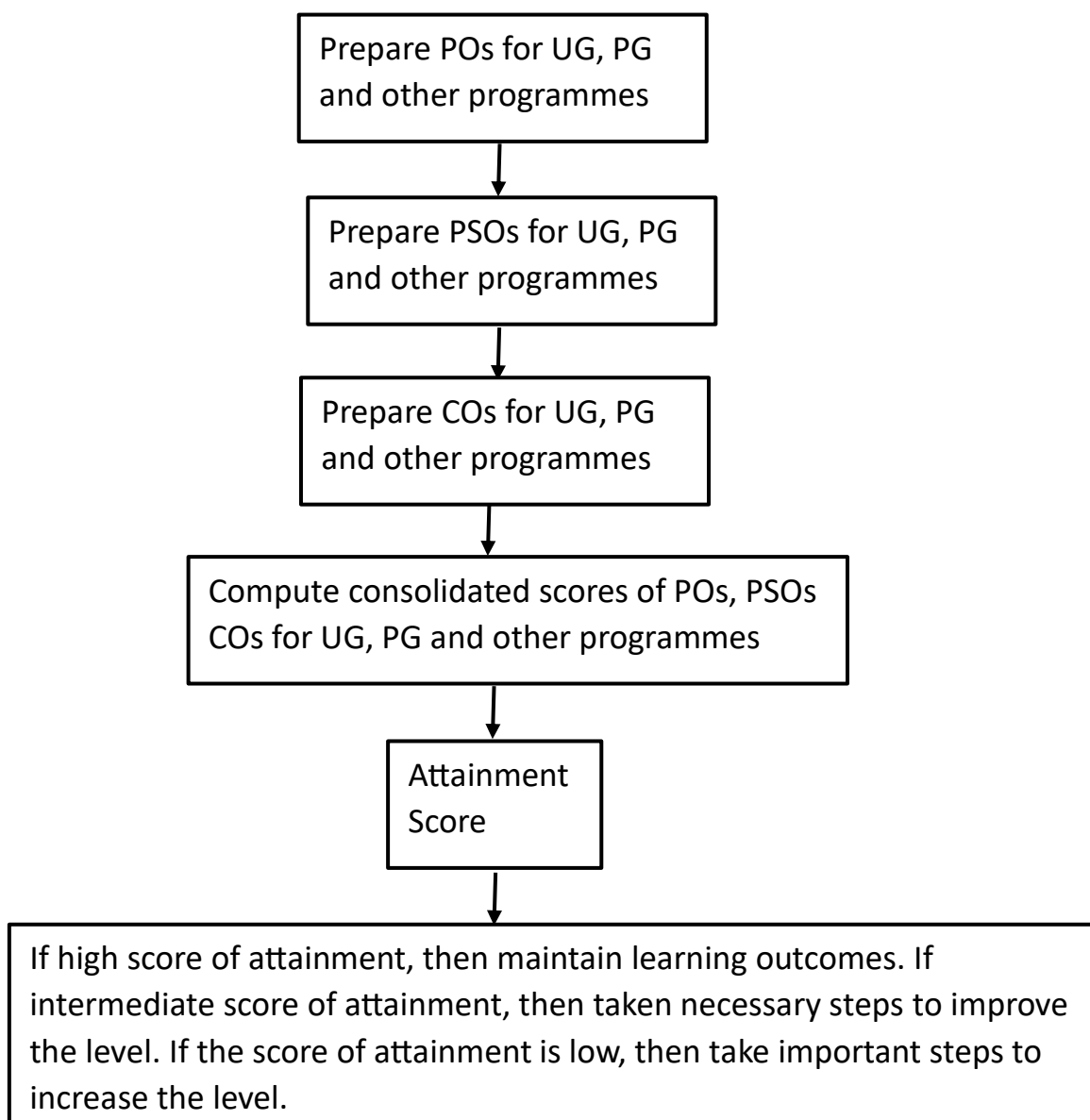


PO, PSO, CO attainment flowchart



The attainment of Programme Outcomes (POs), Programme Specific Outcomes (PSOs), and Course Outcomes (COs) in the BSc and MSc programmes is an essential part of academic quality assurance. Course Outcomes (COs) are carefully defined for each course, and these outcomes are mapped to both the Programme Outcomes (POs) and Programme Specific Outcomes (PSOs). This mapping ensures that the desired and required competencies outlined in the POs and PSOs are systematically achieved through the course curriculum. The quantitative assessment of COs is conducted using specific performance criteria, which, when met, demonstrate the successful attainment of POs and PSOs.

The following methods are employed to measure, assess, and evaluate POs and PSOs:

Direct Assessment Methods: The primary means of evaluating attainment is through the final examination marks for both theory and practicals. The process involves several key steps:

COs are assigned to the relevant PSOs and POs.

The average score of all COs mapped to each PSO and PO is calculated.

Based on the average CO score, the percentage of students demonstrating specific performance levels is determined.

The class size is then analyzed to identify the percentage of students achieving different levels of attainment.

Attainment levels are categorized as follows:

High: 81-100%

Moderate: 61-80%

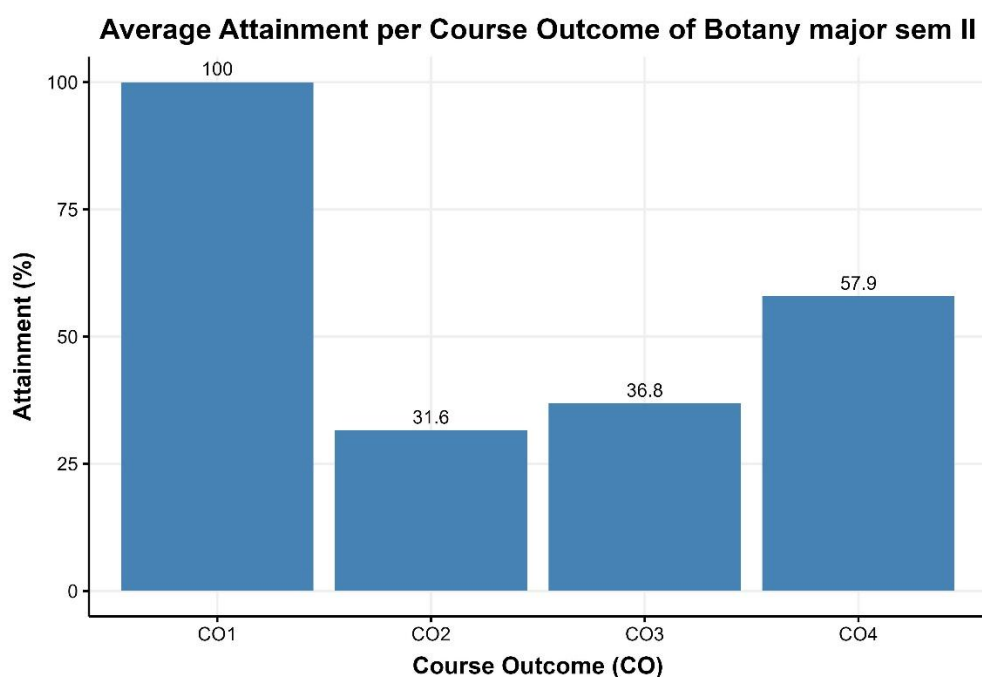
Intermediate: 41-60%

Low: 21-40%

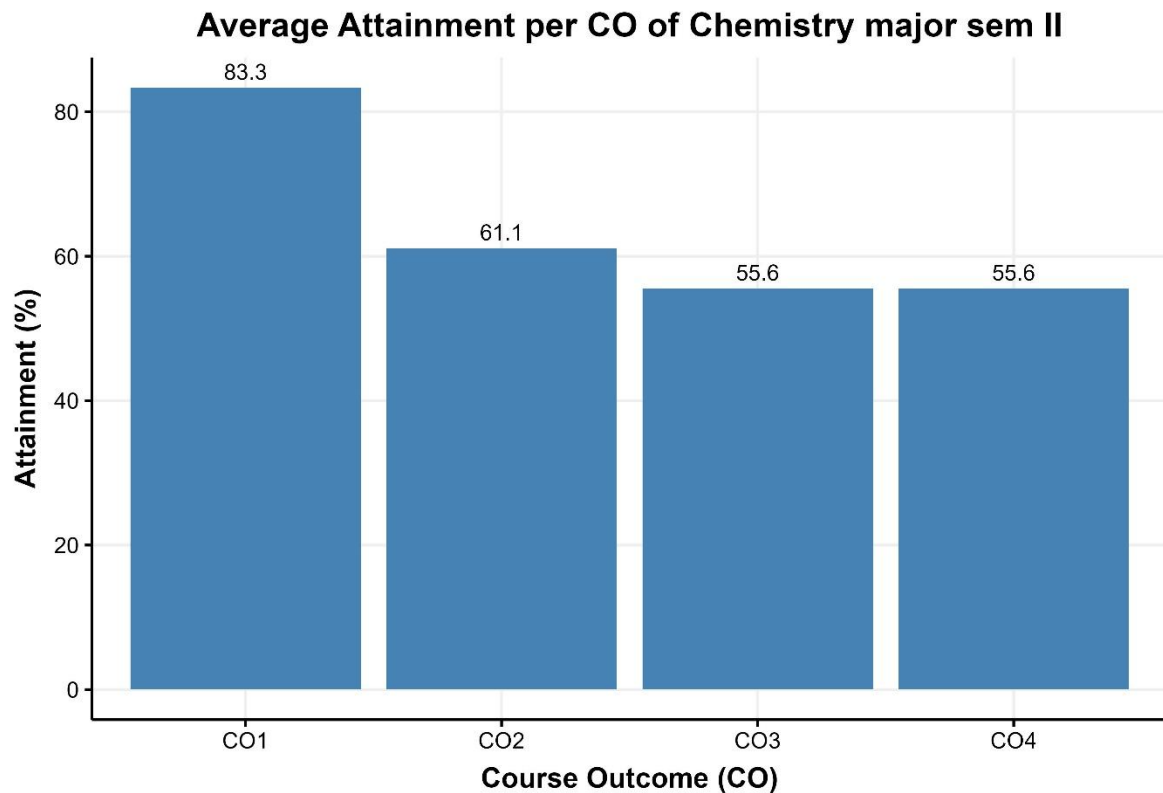
This structured approach ensures that the academic programmes are aligned with the institution's educational goals, and that students meet the expected outcomes effectively.

Attainment report 2023-24

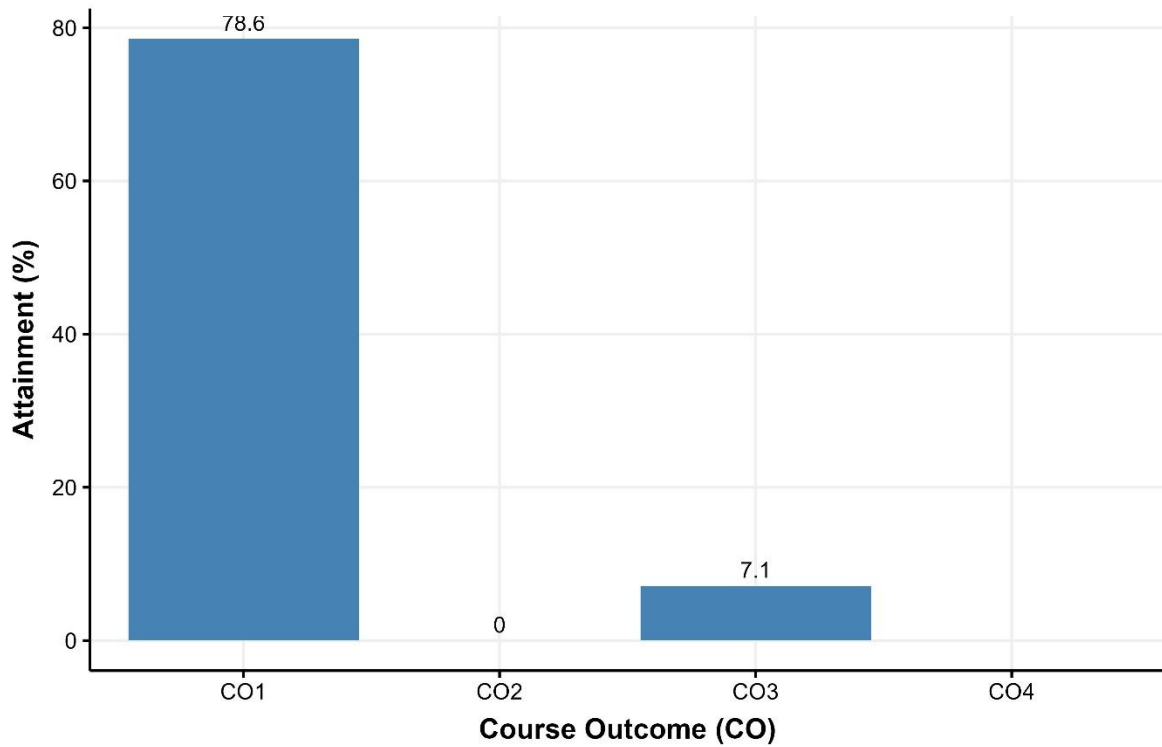
The attainment report for the course outcomes (COs) of B.Sc. Botany Major Semester II highlights the following performance levels: CO1 achieved the highest attainment at 100%, demonstrating excellent comprehension and application. CO2 had the lowest attainment at 31.6%, indicating a need for enhanced focus. CO3 attained 36.8%, while CO4 reached 57.9%, reflecting moderate achievement. The varied outcomes suggest the necessity to identify challenges in lower-performing areas and strategize improvements for balanced attainment across all course outcomes.



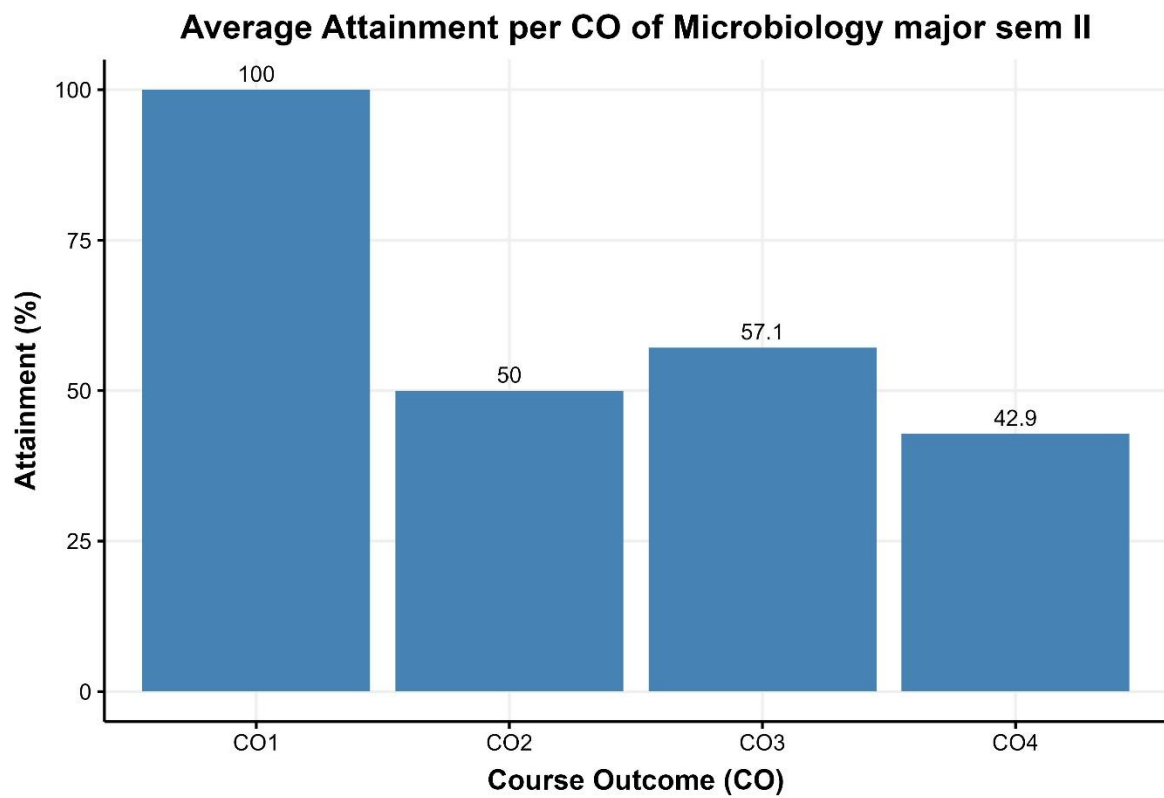
The course outcome (CO) attainment for the B.Sc. Chemistry Major Semester II reflects varied performance levels. CO1 achieved a perfect attainment of 100%, indicating strong mastery of the related content. CO2 and CO3 showed lower attainment levels of 31.6% and 36.8%, respectively, suggesting areas for targeted improvement. CO4 attained 57.9%, reflecting moderate success. These outcomes emphasize the need to address challenges in CO2 and CO3 while maintaining the strengths reflected in CO1.



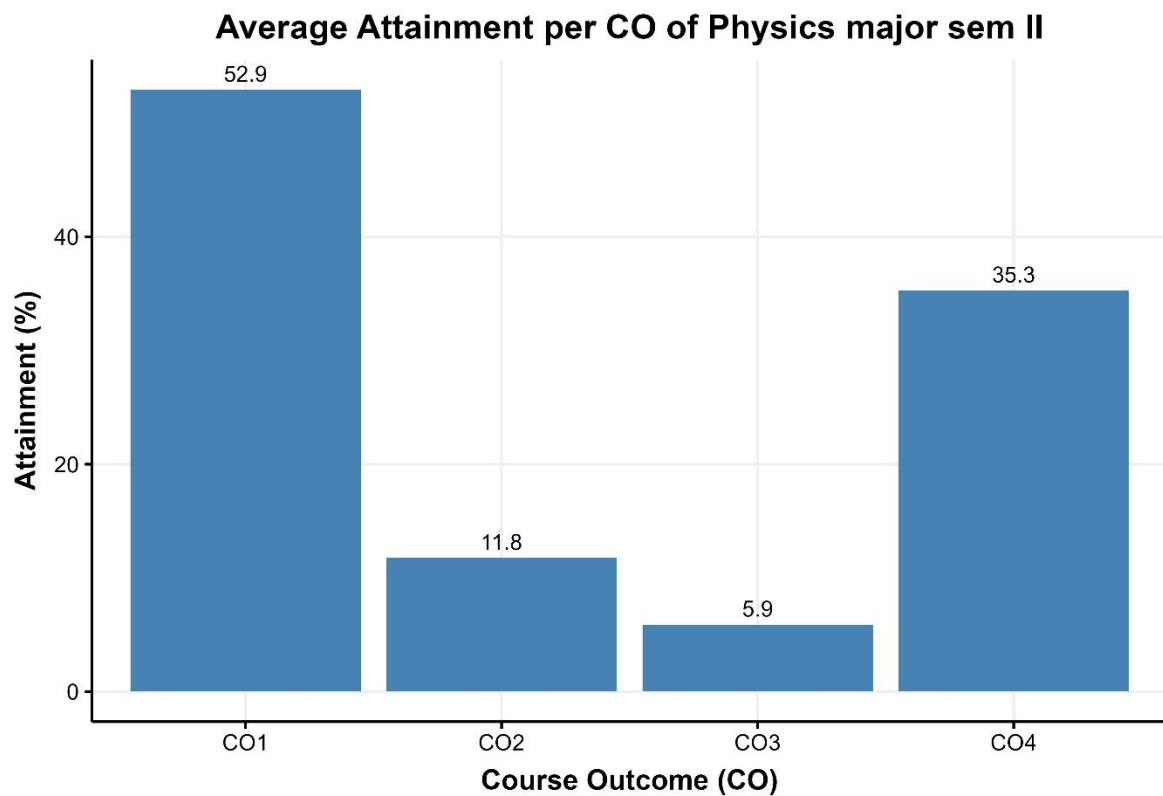
The course outcome (CO) attainment for the B.Sc. Electronics Major Semester II shows a mixed performance. CO1 attained a strong 83.3%, indicating a solid understanding of the foundational concepts. CO2 achieved a moderate 61.1%, but CO3 and CO4 each scored 55.6%, highlighting areas requiring improvement. The results emphasize a need for focused efforts on CO3 and CO4 while maintaining the success observed in CO1.



The course outcome (CO) attainment for the B.Sc. Microbiology Major Semester II shows a strong performance. CO1 attained a strong 100%, indicating a solid understanding of the foundational concepts. CO2 achieved a moderate 50%, but CO3 and CO4 each scored 57%, highlighting areas requiring improvement. The results emphasize a need for focused efforts on CO3 and CO4 while maintaining the success observed in CO1.



The course outcome (CO) attainment for the B.Sc. Physics Major Semester II shows a mixed performance. CO1 attained a strong 52%, indicating an average understanding of the foundational concepts. CO2 achieved a moderate 11%, but CO3 and CO4 each scored 7%, highlighting areas requiring improvement. The results emphasize a need for focused efforts on CO3 and CO4 while maintaining the success observed in CO1.



The course outcome (CO) attainment for the B.Sc.Zoology Major Semester II shows a mixed performance. CO1 attained a strong 69%, indicating a average understanding of the foundational concepts. CO2 achieved a moderate 11%, but CO3 and CO4 each scored 7%, highlighting areas requiring improvement. The results emphasize a need for focused efforts on CO3 and CO4 while maintaining the success observed in CO1.

Average Attainment per CO of Zoology major sem II

