



R.L. JALAPPA INSTITUTE OF TECHNOLOGY

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2.5 Students Performance and Learning Outcomes.

2.6.1 Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the institution are stated and displayed on website

Response:

Our institution employs student-cantered outcome-based education (OBE) as a means to effectively implement the teaching-learning process and provide students from diverse backgrounds with a high-quality education.

OBE comprises three primary components for continuous quality improvement: Course Outcomes (COs), Programme Outcomes (POs), and Programme Specific Outcomes (PSOs).

The primary focus lies in the knowledge and skills that students can demonstrate upon completion of the course. Collaboration between the faculty members and IQAC members is crucial in defining the COs, which are then reviewed by the Programme Advisory Committee (PAC).

The National Board of Accreditation (NBA) defines POs as statements that outline the knowledge, skills, and attitudes that graduates should possess. The website of our institution, which is widely recognized as the primary digital communication tool, serves as a platform for hosting the Course Outlines (COs) and distributing them to all the students via email and other channels. Furthermore, the COs for each course can be accessed through Course material file. They are also shared displayed at various places as listed in the table 2.

In addition to the above mentioned places, Corridors, and Laboratories are significant locations where Program Outcomes (POs) are displayed. These POs are distributed to provide essential information to students and relevant personnel.

Table 2: Display of the COs and POs

Sl. No.	Display -Place
1	College website: https://rljit.in
2	Department office
3	HOD office
4	Laboratories
5	Department notice boards
6	Lab manuals
7	Classrooms
8	Department library
9	R & D notice boards
10	Class Attendance Register

2.6.2 Attainment of POs and Cos are evaluated. Explain with evidence in a maximum of 500 words.

Our institution has implemented a robust system to gauge the achievement of COs, POs, and PSOs. The methods employed for measuring the attainment of these objectives are as follows:

- Direct Attainment.
- Indirect Attainment.

The achievement of COs is evaluated by considering the students' performance in both Continuous Internal Evaluation (CIE) and Semester End Examination (SEE). The assessment process for COs encompasses formative assessment tools such as Continuous Internal Assessment Test and Assignment, as well as a summative assessment tool, which is the SEE.

Direct CO Attainment:

The Continuous Internal Evaluation (CIE) comprises assessment tests and assignments, while the Semester End Examination (SEE) is administered by the affiliating university.

To evaluate the CIE marks, three CIE are conducted and assessed, each carrying a weightage of 30 marks (2018 scheme), 20 marks (2021 scheme) and 25 marks (2022 scheme) . Additionally, three assignments, including quizzes/seminars/activities/mini projects are evaluated, with each assignment carrying a weightage of 10 marks for 2018 scheme, 30 marks for the 2021 scheme and 25 marks for 2022 scheme . The CIE marks of a student are calculated by summing up the average marks obtained in the CIE and assignments, up to a

maximum of 40 marks for 2018 scheme and 50 marks for 2021 and 2022 scheme. These marks are used to measure individual Course Outcome (CO) attainment. The benchmarks for CO attainment in both CIE and SEE are provided in Table 1.

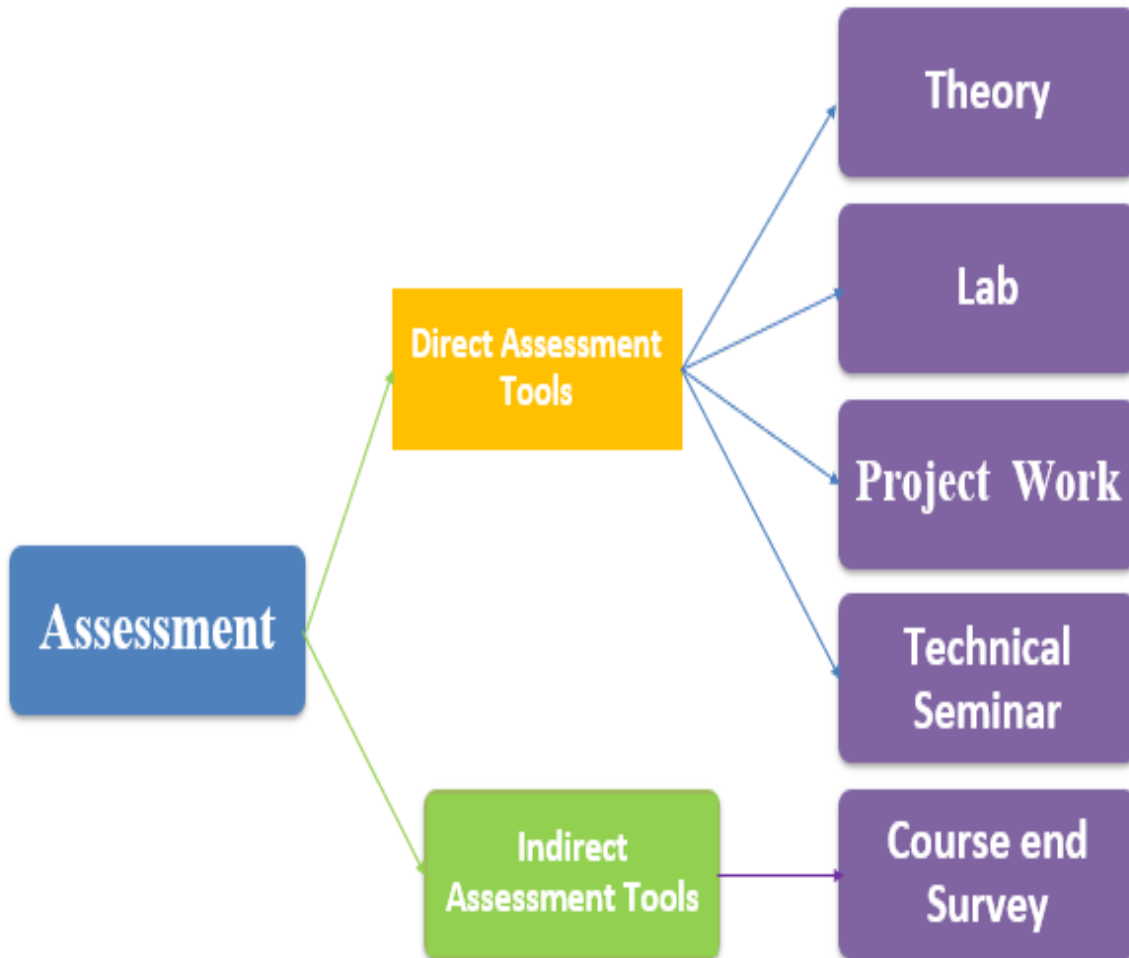


Figure 2: Direct CO Attainment Process

Table 1: The bench marks used for CO Attainment for CIE and SEE

Assessment type	Class Average	Assessment level
Continuous Internal Evolution (CIE)	> 60%	3
	50% to 59%	2
	Below 50%	1
Semester End Examination	> 60%	3
	50% to 59%	2
	Below 50%	1

Indirect CO and PO Attainment:

The determination of indirect attainment of Course Outcomes (COs) is based on the Course End Survey (CES) conducted for each respective course and the Program Exit Survey (PES) administered at the conclusion of the program. To calculate the overall attainment levels for Course Outcomes (Cos) and Program Outcomes (POs), a 90% weightage is given to direct attainment and a 10% weightage is given to indirect attainment.

The PAC meeting will address the attainment of Course Outcomes (Cos), Program Outcomes (Pos), and Program Specific Outcomes (PSOs) to identify any gaps in the curriculum, if present, or to establish new benchmarks for Program Outcomes attainment.

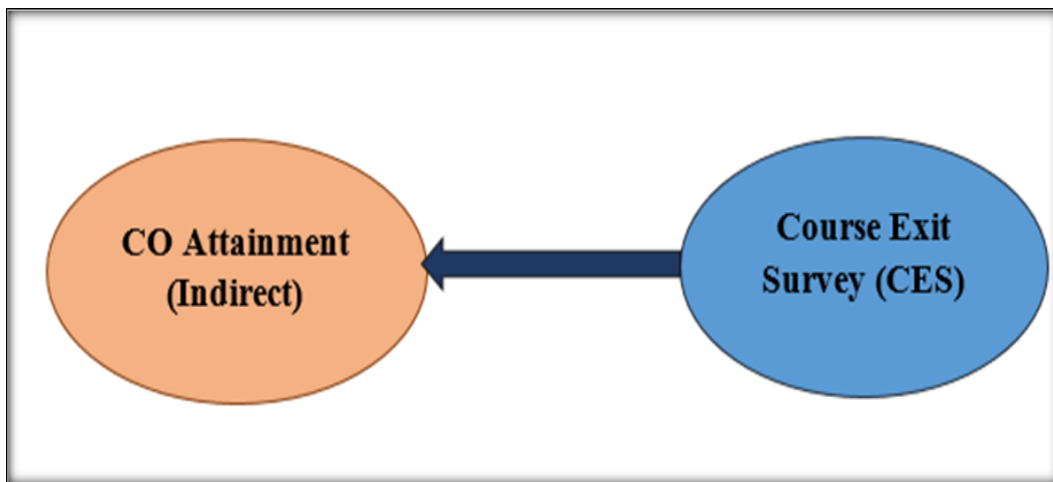


Figure 3: Indirect CO Attainment Process.

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