



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

The institution maintains an up-to-date section on its website where the COs, POs for each program are prominently displayed. This allows prospective students, parents, and other stakeholders to access this essential information easily.

The institute follows an Outcome-Based Education (OBE) approach for the assessment and evaluation. Institute processes are typically designed with a focus on measuring the attainment of learning outcomes or Institute's competencies. Teaching and learning are streamlined for efficient knowledge transfer through the application of a wide variety of creative, cutting-edge methodologies with a focus on the individual Institute learner.

The departments prepare Program Specific Outcomes (PSOs), Course Outcomes (COs) are provided by the affiliating University, Standard 12 Programme Outcomes (POs) that articulate the knowledge, skills, Institute and competencies that students are expected to acquire by the end of their programs. The display of outcomes helps teachers and students internalize the purpose and process of teaching learning. The outcomes are displayed on the Website and on the Departmental Notice Board.

The Institute has adopted the CBCS/Electives at the undergraduate, postgraduate levels to be responsive to the contemporary students' needs, which has enabled academic versatility for learners. The courses at UG and PG level have well-defined objectives, Course outcomes and their CO-PO articulation mapping matrix are stated. This is in response to defined needs, allowing greater academic versatility and improved employability, entrepreneurship and skills of students.

In accordance with OBE, the Program's PEOs are designed in line with the Institute's Vision and Mission. All the Programs are formulated with PEOs, POs/PSOs and COs.

Publishing and dissemination of PEOs, POs/PSOs and COs:

Digital Communication:

- PEOs, POs/PSOs and COs are published on Institute's Website

Print Communication:

- Course file of each Semester lists the COs



- Each Lab manual contains POs/PSOs and its COs
- POs/PSOs are displayed in the Departments

Verbal Communication:

- The HoDs explain the importance of POs and PSOs along with the evaluation pattern for course outcomes to all the students during the Orientation Program
- Discussion with the faculty and students

Attainment of Course Outcomes

Assessment process used to evaluate the attainment of Course Outcomes for theory courses, practical courses and project works are defined separately. The Course Outcomes are evaluated through Direct Assessment Method.

1. Internal Assessment
2. External Assessment

Direct attainment calculation = Direct Internal (40%) + Direct External (60%)

Attainment of POs/PSOs

The following are the steps involved in the calculation of POs and PSOs attainment levels

The assessment tools to calculate POs and PSOs attainment are as follows:

1. Direct assessment

Overall PO attainment level = Direct PO attainment (80%) + Indirect PO attainment by Program End survey (20%)

2. Indirect assessment

Overall attainment = 0.8 (Attainment through direct assessment) + 0.2 (Attainment through indirect assessment)

JB Institute of Technology places a strong emphasis on transparency and effective communication of Programme Outcomes (POs) and Course Outcomes (COs). This multi-pronged approach ensures that students have access to these essential learning objectives through digital channels, printed materials, and verbal interactions, ultimately facilitating a holistic and informed learning experience.