



2.6 Student Performance and Learning Outcomes

2.6.1 The institution has stated learning outcomes (programme and course outcome)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents and the attainment of the same are evaluated by the Institution

The Institution has stated learning outcomes both at the program and course level, to reflect on academic excellence, accountability and transparency. The learning outcomes have been effectively integrated into the assessment process, disseminated and published to all stakeholders.

The Programme Outcomes (PO) outlines the core competencies, disciplinary knowledge and professional skills that students are expected to demonstrate upon graduation. It serves as a benchmark for curriculum design, program evaluation, guiding faculty in developing courses and learning experiences that facilitate the attainment of these outcomes.

Similarly, Course Outcomes (CO) specifies the specific knowledge, skills, and learning objectives associated with individual courses within the curriculum. It provides clarity for course design, instructional delivery enabling faculty to deliver course content, activities and assessments.

The integration of CO and PO into the assessment process is aligned with Programme Specific Objectives (PSO) and Programme Educational Objectives (PEO) guiding faculty to measure the extent to which the students have achieved to the desired learning outcomes.

The Institution employs effective publication and dissemination strategies, utilizing online accessibility, prominent displays in various locations, and integration into diverse materials to reinforce their efforts. Publication on the department's web pages, (<https://skcet.ac.in/be-ece-po/>), ensures easy access for a broad audience, including current and prospective students, faculty, staff, and stakeholders.



Programme Outcomes (POs) and Programme Specific Outcomes (PSOs), are prominently displayed across multiple locations within the department, enhancing awareness of its goals.

Course Outcomes (COs) are discussed during the first instruction period of each corresponding course and replicated in curriculum books, question papers, laboratory manuals, and other materials. The iterative process of achieving learning outcomes involves all stakeholders, facilitated by Course Articulation Matrix (CAM) at the department level. CAM correlates individual CO with POs and PSOs, and statistical tests assess the significance of the correlation.

CO attainment is evaluated by Direct and Indirect assessment tools.

The direct assessment tools include:

- Continuous Internal Assessment
- Capstone Component
- End Semester Examination.

The indirect assessment tools include:

- Course End Survey

The overall CO attainment is calculated by considering 80% weightage of direct CO attainment and 20% weightage of indirect CO attainment.

PO and PSO attainment

The assessment tools for POs and PSOs are direct and indirect assessment tools.

Direct assessment tools:

As COs are mapped with the POs and PSOs through Course Articulation Matrix, the direct assessment tools used for COs are used for assessing POs and PSOs.

Indirect assessment tools used are:

- Graduate exit survey collected at the time of completion of the Program.
- Employer feedback collected from the employer of the graduates
- Alumni feedback collected from the alumni about the program



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- A survey on the attainment of each PO is also taken from the students about the co-curricular and extracurricular activities (Program Level Statistics)
- The evaluation of POs and PSOs is carried out by using direct and indirect assessment methods.

The overall PO & PSO attainment is calculated by considering 80% weightage of direct PO & PSO attainment and 20% weightage of indirect PO & PSO attainment.




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SUPPORTING DOCUMENTS

Programme Outcomes	
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Programme	Course Outcomes
B.E - Civil Engineering	
B.E – Computer Science and Design	
B.E – Computer Science and Engineering	
B.E – Computer Science and Engineering (Cyber Security)	
B.E - Electrical and Electronics Engineering	
B.E – Electronics and Communication Engineering	
B.E – Mechanical Engineering	
B.E – Mechatronics Engineering	
B.Tech – Artificial Intelligence and Data Science	
B.Tech. – Computer Science and Business Systems	
B.Tech. - Information Technology	
M.Tech. - Computer Science and Engineering (5 year Integ.)	
Master of Business Administration	







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Academic Year	2018-22	2017-21	2016-20	2015-19	2014-18
CO Assessment Tools					
PO/PSO Assessment Tools					
CO Dissemination					
PO/PSO Dissemination					

CO, PO/PSO Attainment

Programme	Attainment	
	CO	PO/PSO
B.E - Civil Engineering		
B.E – Computer Science and Engineering		
B.E - Electrical and Electronics Engineering		
B.E – Electronics and Communication Engineering		
B.E – Mechanical Engineering		
B.E – Mechatronics Engineering		
B.Tech – Artificial Intelligence and Data Science		NA
B.Tech. – Computer Science and Business Systems		








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B.Tech. - Information Technology	 PDF	 PDF
M.Tech. - Computer Science and Engineering (5 year Integ.)	 PDF	NA
Master of Business Administration	 PDF	 PDF