



PRAGATI ENGINEERING COLLEGE

(Autonomous)

ADB Road, Surampalem, E.G.Dt., A.P. – 533 437

(Approved by AICTE, Permanently Affiliated to JNTUK, Kakinada)

(Recognized by UGC Under Sections 2(f) and 12 (B) of UGC act, 1956)

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Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

The process of evaluating the attainment of these outcomes involves several key steps. First, PEC establishes a comprehensive framework that defines the desired learning outcomes for each program and course. The faculty, course coordinators, and programme coordinator prepare COs and map them with POs and PSOs employing numeric weightages. The BOS, including the Head of the Department and course coordinator, of the individual departments will discuss the same and approve it.

The preparation of COs is done with brain-storming sessions such that the objectives of each course are translated at the end in the form of outcomes. Bloom's taxonomy is used while formulating the outcomes. COs are direct statements that describe the essential and enduring disciplinary knowledge and abilities that students should possess and the depth of learning that is expected upon completion of a course. They are clearly specified and communicated. The COs are prepared by the course coordinator in consultation with concerned faculty members teaching the same course. Every CO is mapped to one or more POs and is measured at the end of the course through various assessments. These are designed specifically to measure the CO and contribute to the PO that it is mapped to. The number of COs for a course may range from three to six.

CO assessment process is done based on the performance of the student using Direct methods (Mid Examinations, Assignments, Semester End Examinations) and Indirect method (Course End Feed Back).