



KONGUNADU COLLEGE OF ENGINEERING AND TECHNOLOGY

(AUTONOMOUS)

Namakkal-Trichy Main Road, Tholurpatti, Thottiam, Trichy, Tamilnadu-621215, India

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai,

Accredited by NBA (CSE, ECE & EEE), Accredited by NAAC with B++ Grade,

Recognized by UGC with 2(f) & 12(B) and ISO 9001:2015 Certified Institution)

Criterion II – Teaching-Learning and Evaluation

Key Indicator - 2.6 Student Performance and Learning Outcomes

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

COs Attainment level is calculated by segregating the internal examination marks based on the defined course outcomes. The marks gained by the students for every CO is taken and the threshold value is 50% of every CO. The set attainment level is <70% of student above 50% (Threshold)-1 (Low), $\geq 70\%$ of student above 50% (Threshold)-2 (Medium) and $\geq 80\%$ of student above 50% (Threshold)-3 (High).

20% of the internal examination attainment and 80% of university grade of the student are considered for attainment of Course Outcomes. For the end semester examination the set attainment level is <70% of students scoring more than E grade-1 (Low), $\geq 70\%$ of students scoring more than E grade-2 (Medium) and $\geq 80\%$ of students scoring more than E grade-3 (High). The summation of internal and end semester examination marks is converted to the attainment level of 3.

POs and PSOs Attainment of every course is calculated as:

POs and PSOs Attainment of a course = (COs, POs and PSOs Mapping Average * Actual COs Attainment)/Maximum Attainment.

Final POs and PSOs Attainment through direct method is evaluated by taking the average of POs and PSOs Attainment of all the courses in the academic year.

Program outcomes (POs) and Program Specific Outcomes (PSOs) are the paramount to maintain the quality in the graduation program. Each department of the college has developed the curriculum taking all the POs into consideration. The PSOs are also appropriately designed along with the curriculum development.

Course Outcomes (COs) describe the learning that will take place across the curriculum through concise statements, made in specific and measurable terms. These COs are then mapped with POs and PSOs. During the CO-PO/PSO mapping, the strength of the mapping will be assessed by Course Lead at the beginning of the semester. During the semester the course is assessed using assessment tools to CO attainment. These tools are Direct Assessment Tools and indirect assessment tools. In Direct Assessment Tools are given by Internal Assessment Examinations 1, 2 & 3 (IAE) and End Semester Examination (ESE) and the Indirect assessment is done through students' feedback such as program exit survey, alumni survey. The questions which are given in the IAE 1, 2 & 3 are mapped to the framed COs which are in turn are already mapped with the POs with a mapping level. The Indirect assessment questions are framed by the course instructor to indirectly find the level of confidence of the students on the COs framed.

The PO/PSO computation are done using the weighted average of all the COs that are mapped to that PO/PSO. The Exit survey questions are framed by the department to indirectly measure the POs/PSOs.