

2.6.1

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



Programme Outcomes and Programme Specific Outcomes:

Learning outcomes from an integral part of the college vision, mission, and objectives. Programme Outcomes (PO), Programme Specific Outcomes (PSO) have been defined by the Affiliating University, Anna University is adopted.

Based on the graduate attributes, Program Outcomes (POs) have been framed by National Board of Accreditation.

PROGRAMMEE OUTCOMES (POs)

PO 1	Engineering Knowledge: Apply the knowledge of mathematics, sciences, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.
PO 2	Problem Analysis: Identify, formulate, research literature, and analyze complex engineering problem searching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences
PO 3	Design/ Development of Solutions: Design solutions for complex engineering Problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
PO 4	Conduct Investigations of Complex Problems: Use research-based knowledge and Research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
PO 5	Modern Tool Usage: Create, select, and apply appropriate techniques, resources, and modern engineering and it tools including prediction and modelling to complex engineering activities with an understanding of the limitations.
PO 6	The Engineer and Society: Apply reasoning informed by the contextual knowledge to asses societal, health, safety, legal, and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
PO 7	Environmental and Sustainability: Understand the impact of the professional Engineering solutions in societal and environmental contexts, and demonstrate the knowledge of and need for sustainable development.


Dr. S. SARAVANAN, M.E., Ph.D.,
PRINCIPAL
C.K. College of Engineering & Technology
Jayaram Nagar, Chellangkuppam,
Cuddalore - 607 003.



PO 8	Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice
PO 9	Individual and Team work: Function effectively as an individual and as a member or leader in diverse teams, and in multidisciplinary settings.
PO 10	Communication: Communicate effectively on complex engineering with the engineering community and with society at large such as being able to comprehend and write effective reports and design documentaries, make effective presentations, and give and receive clear instructions.
PO 11	Project Management and Finance: Demonstrate knowledge and understanding of the Engineering and Management principles and apply these to one's own work, as a Member and leader in a team, to manage projects and in multidisciplinary environments.
PO12	Life Long Learning: Recognize the need for, and have the preparation and ability to Engage in independent and life-long learning in the broadest context of technological change.

Programme Specific Outcomes:

The collective view of the internal and external stakeholders and the graduate attributes are defined by the National Board of Accreditation (NBA) along with the Vision and Mission of the Institute and Department, Programme Educational Objectives were taken as the basis for the preparing the PSOs of each Programme.

Programme Specific Outcomes of Computer Science Department:

PSO1: To analyze, design and develop computing solutions by applying foundational concepts of Computer Science and Engineering.

PSO2: To apply software engineering principles and practices for developing quality software for scientific and business applications.

PSO3: To adapt to emerging Information and Communication Technologies (ICT) to innovate ideas and solutions to existing/novel problems.


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