



P E S UNIVERSITY

Department of Computer Science and Engineering

B.Tech in Computer Science & Engineering Program Outcomes

ID	Program Outcomes
UE16CSE_UG_PO1	Apply mathematical and theoretical principles in the modeling and design of high-quality computer-based systems using state-of-the-art computer technology.
UE16CSE_UG_PO2	Conduct in-depth study of research literature in the area of Computer Science and analyze problems in order to arrive at substantiated conclusions using first principles of mathematics and allied sciences.
UE16CSE_UG_PO3	Design, implement and evaluate Computer Systems, programs and processes that meet partial/complete specifications with concern for society, environment and culture.
UE16CSE_UG_PO4	Design and conduct experiments, collect data, analyze and interpret the results to investigate complex engineering problems in the field of Computer Science.
UE16CSE_UG_PO5	Apply state-of-the-art techniques and modern computer-based tools in prediction, comparison and modeling of complex engineering activities.

UE16CSE_UG_PO6	Have sound understanding of professional, legal, security and social issues and responsibilities in engineering activities involving Computer Science.
UE16CSE_UG_PO7	Understand societal and environmental concerns and demonstrate responsibility in sustainable development of computer-based solutions.
UE16CSEP_UG_O8	Be aware of ethical and professional responsibilities in engineering situations; make informed judgments regarding intellectual property and rights in relation to computer-based solutions in global, economic, environmental and societal contexts.
UE16CSE_UG_PO9	Able to function effectively in teams to establish goals, plan tasks, meet deadlines, manage risk and produce high-quality technical solutions.
UE16CSE_UG_PO10	Contribute and communicate effectively with the society, be able to write effective reports and design documents by adhering to appropriate standards, make effective presentations, give and receive clear instructions.
UE16CSE_UG_PO11	Apply skills in clear communication, responsible teamwork and time management by, for example, managing a team or project and communicating with external stakeholders.
UE16CSE_UG_PO12	Recognize the need for and demonstrate an ability to engage in continuing professional development in its broadest sense.

