Department of Computer Science & Engineering

Program Outcomes (POs)

PO 1	**Engineering knowledge:** An ability to apply knowledge of mathematics, science, and engineering.
PO 2	**Problem analysis:** An ability to identify, formulate and solve engineering problems.
PO 3	**Design/Development of solutions:** The broad education necessary to develop and understand the impact of engineering solutions in a global, economic, environmental, and societal context.
PO 4	**Conduct investigations of complex problems:** An ability to design and conduct experiments as well as analyze and interpret data.
PO 5	**Modern tool usage:** An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.
PO 6	**The engineer and society:** Knowledge of current societal issues.
PO 7	**Environment and sustainability:** An ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability.
PO 8	**Ethics:** An understanding of professional and ethical responsibility.
PO 9	**Individual and teamwork:** An ability to function on multi-disciplinary teams.
PO 10	**Communication:** An ability to communicate effectively.
PO 11	**Project management and Finance:** An ability to use project and financial management tools to control and execute various projects.
PO 12	**Life-long learning:** A recognition of the need for, and an ability to engage in life-long learning.

Program Specifics Outcomes (PSOs)

PSO 1	Solve complex problems using data structures and other advanced suitable algorithms.
PSO 2	Interpret fundamental concepts of computer systems and understand its hardware and software aspect.
PSO 3	Analyse the constraints of the existing data base management systems and get experience on large-scale analytical methods in the evolving technologies.
PSO 4	Develop intelligent systems and implement solutions to cater the business specific requirements.

ABES Institute of Technology
Approved by AICTE, Ministry of HRD, New Delhi and Affiliated to
Dr. APJ Abdul Kalam Techinical University, Uttar Pardesh, Lucknow.

NBA
Accredited B.Tech Programs CSE, IT
upto 30 June 2025

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