Department of Computer Science & Engineering (Artificial Intelligence)

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	Understand solutions for complex engineering problem by implementing various algorithm using programming languages.
PSO 2	Solve real world problems by applying principles and practices of database and system design.
PSO 3	Apply theoretical and practical knowledge of emerging techniques of Artificial Intelligence to analyze and develop software projects for applications of different domains.
PSO 4	Inculcate professional and ethical values as individual and team member to serve the society

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

College Code **290**

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