



Manipal University Jaipur
Faculty of Science, Technology and Architecture
Bachelor of Computer Applications

(2025-2026 onwards)

Program Outcomes and Program Specific Outcomes

Program Outcomes (POs)

- [PO1]. Critical Thinking: Take informed actions after identifying the assumptions that frame our thinking and actions, checking out the degree to which these assumptions are accurate and valid, and looking at our ideas and decisions (intellectual, organizational, and personal) from different perspectives.
- [PO2]. Effective Communication: Speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.
- [PO3]. Social Interaction: Elicit views of others, mediate disagreements and help reach conclusions in group settings.
- [PO4]. Effective Citizenship: Demonstrate empathetic social concern and equity centered national development, and the ability to act with an informed awareness of issues and participate in civic life through volunteering.
- [PO5]. Ethics: Recognize different value systems including your own, understand the moral dimensions of your decisions, and accept responsibility for them.
- [PO6]. Environment and Sustainability: Understand the issues of environmental contexts and sustainable development.
- [PO7]. Self-directed and Life-long Learning: Acquire the ability to engage in independent and life-long learning in the broadest context socio-technological changes.

Program Specific Outcomes (PSOs)

- [PSO 1]. To design, develop, and test computer-based applications using structured and object-oriented programming, web technologies, and database management systems.
- [PSO 2]. To analyze computational problems and apply appropriate algorithms, data structures, and modern software tools to develop efficient and reliable solutions.
- [PSO 3]. To demonstrate ethical behavior, teamwork, effective communication, and project management skills to develop technology-driven solutions addressing organizational and societal needs.

Program Educational Objectives (PEOs)

- [PEO 1]. To apply foundational knowledge of computer applications, programming, and information technologies to design and develop software solutions for industry, academia, and service sectors.
- [PEO 2]. To contribute effectively as individuals and as members of multidisciplinary teams, demonstrating ethical conduct, professionalism, effective communication, and leadership skills.
- [PEO 3]. To pursue successful careers, higher education, or entrepreneurship by continuously upgrading their skills, adapting to emerging technologies, and contributing positively to society.