



# Manipal University Jaipur

## Faculty of Science, Technology and Architecture Master 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, test, and deploy efficient software applications using modern programming languages, frameworks, databases, and computing platforms.
- [PSO 2]. To apply principles of data analytics, artificial intelligence, and emerging technologies to build intelligent, secure, and scalable computing solutions.
- [PSO 3]. To demonstrate project management skills, teamwork, ethical practices, and entrepreneurial mindset to deliver innovative solutions addressing real-world and societal needs.

#### Program Educational Objectives (PEOs)

- [PEO 1]. To apply advanced knowledge of computer applications and computing technologies for developing effective solutions in industry, academia, research, entrepreneurship, and allied sectors.
- [PEO 2]. To function effectively as individuals and as members or leaders of multidisciplinary and multicultural teams, demonstrating ethical conduct, professionalism, and effective communication.
- [PEO 3]. To engage the graduates in lifelong learning, adapt to emerging technologies, and contribute responsibly to societal and organizational development through computer applications.