



Department of Computer Applications

VISION

To be the source of bringing out globally competent pioneering computing professionals, researchers, innovators and entrepreneurs and thereby succeed and contribute value to the knowledge-based economy and society.

MISSION

Offering an exceptional, value-driven postgraduate program in the field of Computer Applications.

Creating a nurturing environment supportive to achieve excellence in teaching, learning, and research and development endeavors.

Bridging the industry-academia gap through curriculum and syllabus development tailored to meet industrial and societal demands.

Providing opportunities for hands-on, technology-driven learning through collaborative and interdisciplinary tasks.

Program Educational Objectives (PEOs)

To provide students knowledge beyond specifications, develop critical thinking wherein they can recognize and solve the problems, recognize ethical issues and communicate effectively; within this purview following objectives are stated:

PEO 1: *To enhance capacity building and knowledge empowerment of the students. Further augment it by intensive training and skill development in the emerging areas of software engineering, web based technologies, network computing, programming languages, data base administration and other information technology enabled services.*

PEO 2: *To inspire and transform the students into skilled professionals who fit well into the job market demands by equipping them with critical thinking skills.*

PEO 3: *To contribute its mite in the field of Research & Development.*

PEO 4: *To focus on the holistic development of Computer Professionals and impart them with effective communication skills, teamwork, leadership skills, multidisciplinary approach and ability to relate computer applications to broader social context.*



Program Outcomes (POs)

- PO1:*** An ability to apply knowledge of basic sciences and mathematical foundation to engineering problems. (Engineering Knowledge)
- PO2:*** An ability to analyze and solve the problems effectively with appropriate logical and analytical skills. (Problem Analysis)
- PO3:*** An ability to design, develop and test software systems by applying algorithmic principles and programming prowess. (Design/development of solutions)
- PO4:*** An ability to interpret the data and amalgamate the information to provide solutions to real world problems. (Investigations)
- PO5:*** An ability to acquire and apply the modern techniques and tools to complex engineering problems. (Modern Tools)
- PO6:*** An ability to develop computing solutions for public safety and legal issues to serve the needs of the society. (Engineer and Society)
- PO7:*** An ability to analyze the local and global impact of computing discipline on environmental issues and sustainable development. (Sustainability)
- PO8:*** An ability to apply the ethical principles in engineering practice. (Ethics)
- PO9:*** An ability to work effectively on projects either individually or in teams. (Team Work)
- PO10:*** An ability to communicate effectively in written and oral forms on technical as well as general aspects. (Communication)
- PO11:*** An ability to apply engineering and management principles for effective development of projects. (Project Management)
- PO12:*** An ability to recognize the need for lifelong learning in the world of ever changing technology. (Lifelong learning)

Program Specific Program Outcomes (PSPOs)

- PSPO 1:*** Using modern tools and technologies create and execute software projects that fulfill industry demands through design and development."
- PSPO 2:*** Analyze the requirements of society and develop novel technological solutions through research.