Department of Computer Applications

Vision

The Department of Computer Applications (U.G) is dedicated to sustain excellence in teaching, to compete global markets for computer professionals, to structure the students to articulate, principled, innovative and confident which leads to be good leaders and decision makers with passion.

Mission

- Increasing the dimensional of education through the effective use of Information Technology.
- Provide comprehensive environment to improve the individual proficiency.
- Persuade the students to explore to create to challenge and to lead.
- Inclusive of industry and life oriented subjects based on the current scenario.

Program Educational Objectives:

PEO1	To develop skilled manpower in the various areas of information technology like Data Base Management, Software Development, Computer-Languages, Software Engineering and Web Based Applications etc.
PEO2	To prepare our graduate to start the career as an Application Developer , Network Administrator , Software Tester, Software Engineer, Junior Programmer, Web Developer.
PEO3	To pursue higher studies such as MCA, M.Sc. Computer Science, M.Sc. Data Science,MBA.
PEO4	To impart high professionalism among the students by providing technical and softskills with ethical standards.
PEO5	To encourage students for research activities and entrepreneurial skills by inculcating interactive quality teaching and organizing symposiums, conferences, seminars, workshops and technical discussions.

Program Outcomes:

PO Number	Description
PO1	**Disciplinary Knowledge** – Demonstrate the aptitude of Computer Programming and computer-based problem solving skills.
PO2	**Critical Thinking** – Display the knowledge of appropriate theory, practices and tools for specification, design and implementation.
PO3	**Problem Solving** – Ability to link knowledge of Computer Science with other chosen auxiliary disciplines of study.
PO4	**Information / Digital Literacy** – Display ethical code of conduct in usage of Internet and cyber systems.
PO5	**Lifelong Learning** – Ability to pursue higher studies of specialization and to take up technical employment.
PO6	**Analytical Reasoning** – Ability to formulate, model, design solutions, procedures and use software tools to solve real-world problems and evaluate.
PO7	**Scientific Reasoning** – Ability to operate, manage, deploy and configure computer networks, hardware and software in an organization.
PO8	**Reflective Thinking** – Ability to present results using different presentation tools.
PO9	**Multicultural Competence** – Ability to appreciate emerging technologies and tools.
PO10	**Co-operation / Teamwork** – Ability to work independently on a substantial software project and as an effective team member.
PO11	**Communication Skills** – Ability to communicate effectively in oral and written form and present technical information clearly.
PO12	**Project Management** – Ability to plan, organize and manage software projects using appropriate tools and techniques.
PO13	**Ethics and Professional Responsibility** – Understand professional, ethical, legal and social responsibilities in computing practices.
PO14	**Innovation and Entrepreneurship** – Ability to develop innovative ideas and transform them into entrepreneurial ventures in the IT domain.
PO15	**Environmental and Social Responsibility** – Ability to understand the impact of computing solutions on society and environment and adopt sustainable practices.

Program Specific Outcomes:

PSO - 01	**Software Proficiency:** To cultivate skills for a successful career in software development, entrepreneurship, and higher studies, it's essential to explore technical knowledge across diverse areas of computer applications and gain experience in an IT environment conducive to growth.
PSO - 02	**Latest Technology:** Expertise to face the challenges of latest trends and career opportunities as per local and global industry needs.

Mapping

POs \ PSOs	PEO1	PEO2	PEO3	PEO4	PEO5
PO1	3	3	3	3	3
PO2	3	3	3	3	3
PO3	2	2	3	2	2
PO4	2	2	3	3	3
PO5	2	3	2	2	2
PO6	3	3	3	3	3
PO7	2	2	3	3	3
PO8	3	3	3	3	3
PO9	3	3	3	2	2
PO10	3	3	3	3	3
PO11	2	3	3	2	2
PO12	3	2	3	3	3
PO13	2	2	3	3	3
PO14	3	3	2	3	3
PO15	2	3	3	2	3
PSO1	3	2	3	3	3
PSO2	3	3	3	3	2