Program Outcomes (POs)

- **PO1**. Develops an understanding of scientific theory principles and perspectives in sciences by critical thinking.
- **PO2**. Develops problem solving skills and is able to design and carry out innovative research projects.
- **PO3**. Communicates effectively, comprehends knowledge, writes effective reports, designs documentation and makes effective presentations.
- **PO4**. Functions effectively as an individual, as a member and leader of diverse teams in multidisciplinary settings for Holistic development.
- **PO5**. Applies ethical principles and is committed to professional ethics, responsibilities in the field of research, is able to design, analyse, interpret data and find solutions for complex problems by applying the right tools. This study provides an excellent bridge between undergraduate study and Ph.D research.
- **PO6**. Realizes and promotes environmental sustainability through various eco-friendly measures that encourage judicious use of resources.
- **PO7**. Postgraduate studies boosts the self directed career progress and outline the career paths. It improves the ability to tackle complex and challenging assessment tasks and helps in lifelong learning to be globally competent.
- **PO8**. Takes up responsibilities in production, quality testing, designing and marketing which contribute to the growth of industry and thus increases employability.

Program Specific Outcomes (PSOs)

Upon completion of these courses the student would

- **PSO1**. Provides technology-oriented students with the knowledge and ability to develop creative solutions.
- **PSO2**. Develop skills to learn new technology.
- **PSO3**. Apply computer science theory and software development concepts to construct computing-based solutions.
- **PSO4**. Design and develop computer programs/computer-based systems in the areas related to algorithms, networking, web design, cloud computing, Artificial Intelligence, Mobile applications.

- **PSO5**. Engage in professional development in the fields of Information Technology and Computer Science.
- **PSO6**. Know about computing principles and business practices employed as software solutions in industries.