

## **Program Outcomes (POs) for BCA**

**PO1. Computational Knowledge**

Apply knowledge of computing fundamentals, computing specialization, and mathematics to solve complex computing problems.

**PO2. Problem Analysis**

Identify, analyze, and define problems using computing principles and create effective solutions.

**PO3. Design and Development**

Design, implement, and evaluate computer-based systems, processes, and programs to meet desired needs.

**PO4. Conduct Investigations**

Use research-based knowledge and methods to analyze and interpret data, and synthesize information for valid conclusions.

**PO5. Modern Tool Usage**

Create, select, and apply appropriate techniques, resources, and modern computing tools to complex computing activities.

**PO6. Professional Ethics**

Understand and commit to professional ethics, cyber regulations, and responsibilities.

**PO7. Communication Skills**

Communicate effectively in both written and oral forms, make effective presentations, and write comprehensive reports.

**PO8. Individual and Team Work:**

Function effectively as an individual, and as a member or leader in diverse teams and in multidisciplinary environments.

**PO9. Societal and Environmental Concern**

Understand the impact of computing solutions in a global, economic, environmental, and societal context.

**PO10. Lifelong Learning**

Recognize the need for and engage in independent, lifelong learning to remain current in the field of computing.

**PO11. Project Management and Finance**

Apply management principles and financial understanding to manage projects and work effectively in teams.

### **The objectives of the BCA Program**

1. The primary objective of this program is to provide a foundation of computing principles and business practices for effectively using/managing information systems and enterprise software.
2. It helps students analyze the requirements for system development and exposes students to business software and information systems.
3. This course provides students with options to specialize in legacy application software, system software or mobile applications.
4. To produce outstanding IT professionals who can apply the theoretical knowledge into practice in the real world and develop standalone live projects themselves.
5. To provide opportunity for the study of modern methods of information processing and its applications.
6. To develop among students, the programming techniques and the problem- solving skills through programming.
7. To prepare students who wish to go on to further studies in computer science and related subjects.
8. To acquaint students to Work effectively with a range of current, standard, Office Productivity software applications.