



Programme Outcomes, Programme Specific Outcomes and Course Outcomes Bachelor of Computer Application (B.C.A.)

Sem. III NUMERICAL METHODS AND ALGORITHMS : 3102

Programme Outcomes (Pos)

PO1: The course teaches the students about the basic concepts of programming languages and its applications

PO2: This degree course is best option which encompasses the entry point for all streams students to make a career in computers.

PO3: Develop various real time applications using latest technologies and programming languages.

PO4: To identify and define problems.

PO5: Possess strong foundation for their higher studies.

PO6: Become employable in various IT companies and government jobs.

Programme Specific Outcomes (PSOs)

PSO1: To pursue further studies to get specialization in Computer Science and Applications, business administration

PSO2: To pursue the career in corporate sector can opt for MBA.

PSO3: To Work in the IT sector as programmer, system engineer, software tester, junior programmer, web developer, system administrator, software developer etc.

PSO4: To work in public sector undertakings and Government organizations and For teaching in Schools and Colleges.

Course Outcomes (COS)

- Demonstrate understanding of common numerical methods and how they are used to obtain approximate solutions to otherwise intractable mathematical problems.
- Apply numerical methods to obtain approximate solutions to mathematical problems.
- Derive numerical methods for various mathematical operations and tasks, such as interpolation, differentiation, integration, the solution of linear and nonlinear equations, and the solution of differential equations.
- Analyse and evaluate the accuracy of common numerical methods