

Computer Applications

BCA

Students will be able to

- Discuss the programming languages C, C+, Java, Python and other operating systems and database management systems.
- Apply the numerical and statistical methods and the principles of accountancy for computation and operations research and communicate them in written and oral mode.
- Illustrate scripting languages and practical application of data analytical tools and software testing tool to solve problems in computer operating systems.
- Employ multimedia, data communications, networking principles, office automation, image editing tools and the concept of software engineering in business contexts.
- Recognize the social and ethical issues in media operated systems and apply the knowledge of Mathematics and management in computer applications to advance in studies and professionalism.

MCA

Students will be able to

- Express computing fundamentals, basic Mathematics, Computing specialization, and domain Knowledge of proper computing models for defined problems.
- Develop and apply computer based applications to solve real problems and recognize the technological developments in the usage of modern design and development tools to design a variety of applications.
- Recall management principles and apply them to develop software as a team member and manage projects efficiently for multidisciplinary environments.
- Associate multidisciplinary knowledge through real-time projects and industry training and providing a sustainable competitive edge in R&D and meeting industry requirements.
- Choose career prospects in industry, government sectors, academia, research, consultancy firms and entrepreneurship pursuit.

PGDCA

Students will be able to

- Explain the programming in C, principles of accountancy, office automation, visual programming, shell programming and web designing.
- Compute practical application of editing, programming, web designing and visual programming using domain knowledge.
- Demonstrate creativity, develop innovative ideas and to work in teams to accomplish a common goal.
- Define and solve problems individually and with groups, using a variety of resources and methods, including technology and scientific reporting.
- Conceive employability and entrepreneur skills bearing ethics and social responsibility.