

BACHELOR OF SCIENCE (COMPUTER SCIENCE)

PROGRAMME OUTCOMES

B. Sc. Computer Science students will be able to:

1. Analyse a problem, and identify and define the computing requirements appropriate to its solution. An ability to design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs.
2. Function effectively on teams to accomplish a common goal. An understanding of professional, ethical, legal, security and social issues and responsibilities. An ability to communicate effectively with a wide range of audiences.
3. Use current techniques, skills, and tools necessary for computing practice.
4. Apply mathematical foundations, algorithmic principles, and computer science theory in the modelling and design of computer-based systems in a way that demonstrates comprehension of the trade-offs involved in design choices.
5. Apply design and development principles in the construction of software systems of varying complexity.
