

## Bachelor of Science in Information Technology

Bachelor of Science (Information Technology) program is a three years undergraduate degree course with each year having two semesters. It is designed to meet the current industry needs of information technology and communication. The course is tailor-made to suit the current trends and expectations of industry.

### Program Outcome:

SR.NO	PROGRAM OUTCOME
1	Apply the knowledge of mathematics, science and computing in the core Information Technologies.
2	Learning Information Technology emphasises the knowledge of programming, hardware organization, operating systems, theory of computation and principles of programming language.
3	Apply innovation-based knowledge of Technology, Mathematics, Networks, Database, Computing, digital circuitry and creative methods to provide valid conclusions for various scientific and business problems.
4	The ability to solve problems quickly and effectively, which may involve a methodical approach that allows breaking down complex problems into single and manageable components.
5	Learners will acquire practical knowledge , training in professional skills and ethics to build competencies in the area of Information Technology.
6	Function effectively as member or leader on multidisciplinary teams to accomplish a common objective.
7	Give Technical Support for various systems.
8	To effectively communicate and present their work.
9	Serve as Programmer or Software Engineer with sound knowledge of practical and theoretical concepts for developing software's
10	Learners will be trained in leadership skills and social responsibilities with sensitivity towards environment and sustainability.

### Program Specific Outcome:

SR.NO	PROGRAM SPECIFIC OUTCOME
1	Develop an ability to communicate effectively with a range of audiences. Develop written and oral presentations of information technology solutions appropriate for a wide range of audiences.
2	Develop and analyze quality computer applications by applying knowledge of software engineering, algorithms, programming, databases and networking.
3	The graduates of the Program will be prepared to achieve their career goals in the software industry or pursue higher studies and enhance their professional knowledge.

4	To train graduates in a variety of applied areas such as data analysis, design, and synthesis in order to develop novel products and solutions to meet current industrial and societal needs.
5	To develop talent in leadership qualities at levels appropriate to their experience, addressing issues in a responsive, ethical, and innovative manner.
6	Identify, formulate, review and analyze real life problems reaching substantiated conclusions using Information Technology.
7	Be acquainted with the contemporary issues, latest trends in technological development and thereby innovate new ideas and solutions to existing problems.
8	Identify, design, and analyse complex computer software systems and implement and interpret the results from those systems.
9	Analyse the local and global impact of computing on individuals, organizations, and society.
10	Apply standard Software Engineering practices and strategies in software project development using open-source programming environments to deliver a quality product for business success.