

## **Program Outcome**

Students who choose B.Sc. (Honours) Computer Science Programme, will develop the ability to think critically, logically, analytically and to use and apply current technical concepts and practices in the core development of solutions in the form of Information Technology. The knowledge and skills gained with a degree in Computer Science prepare graduates for a broad range of jobs in Education sector, Research field, Government sector, Business sector and Industry. The program covers the various essential concepts in Computer Science. These are included as core course like Structured Foundation of Computer Fundamentals, Computing Methods, Data Structure, Software Engineering, Programming Concepts in various languages (C, C++, Java, Visual Basic etc.), Design and Analysis of Algorithm, Theory of Computation, System Programming, Computer Networking, System Administration, Operating System, Computer Architecture, Microprocessor, PHP programming, Numerical Methods, Computer Graphics and Database Management System. An exceptionally broad range of topics covering current trends and technologies in Computer Science like - Programming in Python, Information Security and Cyber Laws, Data Mining, R-Programming, E-commerce, Data Sciences, Internet Technologies, Artificial Intelligence, Android Programming, UNIX/ LINUX programming etc are included in the course. Hands on sessions in Computer Lab using various Programming languages and tools will enable students to deal with real life problems which will lead to better understanding of the topics and will also widen the horizon of students' self-experience.