Course outcome B.Sc. (Computer Science)

**COMPUTER SCIENCE PAPER-I Year**

Computer Fundamentals & MS-Office, Computer Architecture, Programming in C, Structured Systems Analysis and Design

1. Basic Computer introduction and computer architecture information with better understanding of computer hardware.
2. In C Programming Illustrate the flowchart and design an algorithm for a given problem to develop a c programs using operators, conditional and iterative statements , user defined functions to solve real time problems, use pointers to access arrays ,strings and functions and e files concept to show input and output of files in c.
3. How system work and created to solve a specific problem is described in SSAD.

**COMPUTER SCIENCE –II Year**

Data Communication and Networking, Object-Oriented Design and C++ , Data Structures with C/C++ Operating Systems, Practical

1. Exposes students to basic data structures and algorithms, various techniques for representation of the data in the real world, compute the complexity of various algorithms, be able to design and analyze the object oriented programming
2. Operating system helps gain knowledge on operating system and insights about concepts related to concurrency and control of programs. It also provides to communicate directly with an operating system via system calls and Enables students to gain knowledge on operating system concepts that includes deadlock detection and concurrency management.

**COMPUTER SCIENCE –III Year**

Database Management System, Introduction to Internet & Web Technologies, Visual Basic Programming, Software Engg.

1. Software Engineering Enables students obtain a broad understanding of database concepts and database management system software.
2. Helps obtain a high level understanding of major DBMS concepts and their functions and helps to program a data-intensive applications using DBMS APIs.
3. V.B. programming helps students to understand and develop the client required user interface and enables students to develop real time projects and applications.
4. Internet & Web Technologies helps students to gain knowledge on internet and web development in html.