

### Course outcome: Computer Science

Subject Computer science is designed to provide the all fundamental knowledge of computing science and its application.

In this course students will learn basics of programming and it gives ability to develop their own visual software at the end of the course. They will also learn web designing and development principals along with networking concept which help them to choose their track at master level. They also will learn leadership and management skills for the project management.

The program focus on overall development of student to enhance their logical skill as well as leadership skill.

### Individual subject wise outcome

#### US03CCSC01 : Fundamentals of Computer Programming Using C

- Basic logic building using algorithm and flochart.
- Basic concept of programming.
- Basic level of programming in C –I language.

#### US03CCSC02 : Computer Organization

- Concept of computers.
- Concept of number system.
- You will learn methods of error detection and process handling.
- Awareness of computer memory handling, input output devices.

#### US04CCSC01 : Advance 'C' and Introduction to Data Structure

- Advenced concept of pointers with structure.
- File handling of C – language.
- Different types of data structures.

#### US04CCSC02 : Operating Systems

- Basic functioning of operating system.
- Input Output management and scheduling.
- Memory management.
- Process synchronization and deadlocks.

#### US05CCSC01 : Object Oriented Programming Using C++.

Concept of object oriented programming – class, functions, inheritance, operator overloading


#### US05CCSC02 : Business Data Processing Through DBMS.

You will learn basic accounting concepts and database management system using foxpro. At the end you can able to create small level of business application.

#### US05CCSC03 : Visual Programming Through VB .NET

- Concept of Microsoft technologies
- Framework of .net
- Visual programming and application using VB .net
- Concept of ADO.Net



  
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**US05CCSC04 : Computer Networks.**

You will learn basic of computer network. Different kinds of networking protocol and fundamentals of data communication. Introduction of different kind of network devices.

**US05CCSC05 : System Analysis and Design.**

You will learn system development life cycle and dataflow diagram and software design methodologies.

**US05CCSC06 : Computer Graphics and Multimedia.**

Basics of computer graphics, different algorithms for transformation of 2-D graphics. Basics of multimedia and animation.

**US06CCSC01 : Object Oriented Programming using Java**

Concept of Object oriented programming in JAVA at basic level. Concept like class, interface, inheritance, error handling. Introduction to applet programming and JDBC.

**US06CCSC02: Relational Database Management System**

Basics of relational database management system using oracle and sql at the end you can able to develop small scale business application with relational data.

**US06CCSC03: Web Designing and Applications**

Basics of internet. Basic level of web designing using html. As an outcome of this subject, student can develop their own static website.

**US06CCSC04: Introduction to Microprocessors and Assembly Languages**

Concept of Microprocessor. Programming of low level language using assembly language.

**US06CCSC05 : Software Engineering**

Students will learn basic of software engineering like system designing and project management and as a outcome of subject they will gain leadership and management skill.

**US06CCSC06 : E – Commerce**

As an outcome of subject student will learn basics of ecommerce, concept of electronics markets and customer relationship management.



  
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