

Course Outcome for B.Sc (Subject: Computer Science)

Semester	Subject	Course Outcome
Semester-I	B23-CC-C1 Logical Organization of Computer	1. To understand number systems, error detecting correcting code and representations of numbers in a computer system. 2. To understand computer arithmetic and Boolean algebra and simplification of Boolean expressions. 3. To understand working of logic gates and design various combinational circuits using these logic gates. 4. To understand working of different types of flip-flops and design different types of registers
Semester- II	B23-CC-C2 Problem Solving through C	1. To learn the basics of C program, data types and input/output statements. 2. To understand different types of operators, their hierarchies and also control statements of C. 3. To implement programs using arrays and strings. 4. To get familiar with advanced concepts like structures, union etc. in C language.
Semester-III	B23-CC-C3 Data Structures	1. To learn basics of data structure and algorithm complexities. 2. To acquire knowledge of arrays and strings. 3. To understand the idea of implementation for linked lists and stacks. 4. To learn various searching and sorting techniques along with implementation of queues.
Semester-IV	B23-CC-C4 OOP using C++	1. To learn the basics of C program, data types and input/output statements. 2. To understand different types of operators, their hierarchies and also control statements of C. 3. To implement programs using arrays and strings. 4. To get familiar with advanced concepts like structures, union etc. in C language.
Semester-V	B23-CC-C5 Web Technologies	1. Learn the basics of web development. 2. Understand different types of web pages and web sites. 3. Implement HTML and CSS for web page designing. 4. Understand the design of web crawlers and search engines. 5. To implement the programs based on various concepts of web development.
Semester-VI	B23-CC-C6 Operating Systems	1. Understand the basic concepts of operating systems and its services along with process management. 2. Understand concept of process scheduling and acquire knowledge of process synchronization. 3. Learn about memory management and virtual memory concepts. 4. Learn to work with directory structure and security aspects. 5. To implement the programs based on operating system.

