

**11th Standard
Computer
Science
Syllabus
2024-2025**

Month Wise Syllabus (2024-2025)

STD.- XI

14. COMPUTER SCIENCE (BIOLOGY GROUP)

MONTH	CHAPTER	TITLE
June	1 2 3	Unit I – Fundamentals of Computer and working with a typical operating systems (Windows & Linux) Introduction to Computers Number Systems Computer Organization
July	4 5 6	Unit I – Fundamentals of computer and working with a typical operating systems (Windows & Linux) Theoretical Concepts of Operating System Working with Windows operating system Unit II – Algorithmic Problem Solving Specification and Abstraction MONTHLY TEST & FIRST MID TERM TEST (JUNE & JULY PORTIONS)
Aug.	7 8	Unit II – Algorithmic Problem Solving Composition and Decomposition Iteration and recursion MONTHLY TEST (August Portion only)
Sep.	9 10	Unit – III Introduction to C++ Introduction to C++ Flow of Control QUARTERLY EXAMINATION (JUNE TO SEPTEMBER PORTIONS)
October	11 12 13	Unit – III Introduction to C++ Functions Arrays and Structures Unit – IV Object Oriented Programming with C++ Introduction to Object Oriented Programming Techniques MONTHLY TEST (OCTOBER PORTION ONLY)
November	14 15	Unit – IV Object Oriented Programming with C++ Classes and Objects Polymorphism SECOND MID TERM TEST (OCT. and NOV. PORTIONS) MONTHLY TEST (NOVEMBER PORTION ONLY)
December	16 17 18	Unit – IV Object Oriented Programming with C++ Inheritance Unit – V Computer Ethics and Cyber Security Computer Ethics and Cyber Security Tamil Computing HALF YEARLY EXAMINATION (FULL PORTION)
January & February		REVISION & TWO FULL PORTIONS