

C++ Programming

1. Basic concepts of Object oriented programming-
 2. C in C++
 3. Data Abstraction & classes
 4. Initialization and cleanup with constructors & destructors
 5. Functions & function overloading
 6. NameSpaces
 7. Pointers & References
 8. Operator overloading
 9. Inheritance & composition
 10. Polymorphism & virtual functions
 11. Templates
- Lab Sessions:
 - Each Topic is covered with practical (lab) sessions along with classroom sessions
 - Solutions of the assignments are explained and shown practically
 - Students will undergo thorough exercises and debugging sessions