

## C++ Programming

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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