



# C++ Programming

<p><b>Principles of OOP</b></p> <ul style="list-style-type: none"><li>- Procedure Oriented programming</li><li>- Object oriented programming paradigm</li><li>- Concept of OOP's Benefits of OOPS</li><li>- Application of OOP</li></ul> <p><b>Beginning with C++</b></p> <ul style="list-style-type: none"><li>- What is C++?</li></ul> <p><b>Functions in C++</b></p> <ul style="list-style-type: none"><li>- Introduction</li><li>- Function Overloading</li><li>- Inline function</li><li>- Friend function</li></ul> <p><b>Classes &amp; Object</b></p> <ul style="list-style-type: none"><li>- Introduction</li><li>- Nesting of member function</li><li>- Private member function</li><li>- Array within the class</li><li>- Static within the class</li><li>- Static member function</li></ul> <p><b>Constructor &amp; destructor</b></p> <ul style="list-style-type: none"><li>- Introduction constructor</li><li>- Parameterized constructor</li><li>- Multiple constructor in class</li><li>- Copy constructor, default constructor</li><li>- Destructors</li></ul>	<p><b>Operator Overloading</b></p> <ul style="list-style-type: none"><li>- Introduction</li><li>- Overloading unary operators</li><li>- Overloading binary operators</li><li>- Overloading binary operators using friend function</li><li>- Manipulation of strings using operators</li></ul> <p><b>Inheritance</b></p> <ul style="list-style-type: none"><li>- Introduction</li><li>- Defining derived class</li><li>- Single inheritance</li><li>- Making Private members inheritable</li><li>- Multilevel inheritance</li><li>- Hierarchical inheritance</li><li>- Hybrid inheritance</li><li>- Virtual base classes</li><li>- Abstract classes</li></ul> <p><b>Pointer, virtual functions &amp; polymorphism</b></p> <ul style="list-style-type: none"><li>- Introduction</li><li>- Pointer</li><li>- Pointer &amp; objects</li><li>- This pointer</li><li>- Virtual function</li></ul> <p><b>File Streams</b></p>
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Duration	Fees
1 Month	

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