SIX WEEKS TRAINING IN C++

Programming in C++:

◊ Programming structure
◊ Tokens
◊ Variables/Constants
◊ Datatypes
◊ Various operators
◊ Scope of Operators

Decision Making Constructs:

◊ Decision Making & branching
◊ Decision Making & looping

Functions in C++:

◊ Introduction to Functions
◊ Argument passing mechanism
◊ Pass by value
◊ Pass by reference

Arrays in C++:

◊ Arrays
◊ Single Dimensional
◊ Multi Dimensional Array

OOPS Principle:

◊ Basic principles of OOPS
◊ Classes & Objects
◊ Prototyping
◊ Memory allocation for classes and objects

◊ Access modifiers
◊ Array of objects to member functions

Constructors & Destructors:

◊ Constructors & destructors
◊ Static members
◊ this reference

Inheritance:

◊ Inheritance & its types
◊ Derived Classes
◊ Abstract class
◊ Abstract methods
◊ Multiple inheritance

Polymorphism:

◊ Static & Dynamic Polymorphism
◊ Overloading methods
◊ Overloading Operators
◊ Pointers
◊ Virtual Functions

I/O Operations & Files

◊ Classes for files
◊ Operation of a file
◊ File pointers