Course: Programming In C++

Course Code: noc17-cs01

Session: 2016-17

Duration: 8 Weeks

Assessment procedures: Weekly Assignment (25%) + proctored certification Exam (75%)

Curriculum of the Course:

Week 1: Programming in C++ is Fun: Build and execute a C program in C++, Write equivalent programs in C++

Week 2: C++ as Better C: Procedural Extensions of C

Week 3: Overview of OOP in C++: Classes and basic Object-Oriented features (encapsulation)

Week 4: Overview of OOP in C++: More OO features, overloading, namespace and using struct and union

Week 5: Inheritance: Generalization / Specialization of Object Modelling in C++

Week 6: Polymorphism: Static and Dynamic Binding

Week 7: Type Casting & Exceptions: C++ cast operators; C++ Exceptions & standard exception classes

Week 8: Templates & STL - Function and Class templates and using STL like containers, algorithms

List of students enrolled

S. No	Name of Students
1	Sudarsh Joshi
2	Suraj Sharma