

Course: Programming in C++

Course Code: noc21-cs02

Session: 2020-21

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 Modeling 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 Student
1	Abhishek Garg
2	Abhishek Rajora
3	Akshat Sharma
4	Amey Vijaywargiya
5	Ansh gupta
6	Anshika Khandelwal
7	anshul sisodiya
8	Anshuman singh rathore

9	Archit Bajpai
10	Yatin parmar
11	Himanshu Patni
12	Manisha kukna
13	Harsh Singh Narooka
14	Ritik soni
15	Divyansh Gupta
16	Divyansh jaitlia
17	Vishal Verma
18	Harshita Gupta
19	Harshit Gupta
20	Harshit Sharma
21	Himanshu kalal
22	Himanshu Patni
23	Ishika garg
24	ANKIT KUMAR
25	Akshat Jain
26	Kanak sharma
27	Sharad Sourabh jha
28	Kanika Singhal
29	Karan Sharma
30	Kartik Dusad
31	Kashish Sharma
32	Vishal katariya
33	Keshav Gaur
34	Kunal Maheshwari
35	Kusum Sharma
36	Ankur sharma
37	MITALI AGARWAL
38	Mohit Sharma
39	Mukul Sharma
40	Muskan Tailor
41	KULDEEP NAGAR
42	Nicky Lakhisarani
43	Prisha Kasat
44	Priyanshu Suhalka
45	Arpit Jain
46	Rupesh kumar yadav
47	Sakshi Agarwal
48	samridhi
49	Yogendra Singh
50	Shruti Dubey

51	Shubham Sharma
52	Shivam kumar gaur
53	Sabhyata Agarwal
54	Sneha khandelwal
55	Suraj sharma
56	Suryansh Johari
57	suryapratapsingh
58	sachin yadav
59	Tanishk Goyal
60	Kush vasaniya
61	Kashish Sharma
62	Vaidehi Mudgal
63	Vikalp jain
64	Vishal Kumar Nama