

Course: Problem Solving through programming in C

Course Code: noc18-cs10

Session: 2017-18

Duration: 12 Weeks

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

Curriculum of the Course:

Week 1: Introduction to Problem Solving through programs, Flowcharts/Pseudo codes, the compilation process, Syntax and Semantic errors, Variables and Data Types

Week 2: Arithmetic expressions, Relational Operations, Logical expressions; Introduction to Conditional Branching

Week 3: Conditional Branching and Iterative Loops

Week 4: Arranging things: Arrays

Week 5: 2-D arrays, Character Arrays and Strings

Week 6: Basic Algorithms including Numerical Algorithms

Week 7: Functions and Parameter Passing by Value

Week 8: Passing Arrays to Functions, Call by Reference

Week 9: Recursion

Week 10: Structures and Pointers

Week 11: Self-Referential Structures and Introduction to Lists

Week 12: Advanced Topics

List of students enrolled

S. No.	Name
1	Ayush Agrawal
2	Charu
3	Chirag Thawani
4	Gagan Deep Gupta
5	Tarun Sharma
6	Monalisa
7	Nitesh Garg
8	Peeyush Goyal
9	Rajkumar Saini
10	Vishavadeep Singh Shekhawat