# Course: Problem solving through Programming In C

**Course Code:** noc20-cs56

**Session:** 2019-20

**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 of Students |
| --- | --- |
| 1 | Vinay Vyas |
| 2 | Rakshita Agarwal |
| 3 | Rashi Kinra |
| 4 | Saloni Chhaparwal |
| 5 | Yogesh Sharma |
| 6 | Roshan Kumar Jha |
| 7 | Manali Sharma |
| 8 | Sumit Dangda |
| 9 | Faizan Khan |
| 10 | Garvit Jaiswal |
| 11 | Nishant Kumar |
| 12 | Harsh Jain |
| 13 | Aryan Sharma |
| 14 | Arpita Dubey |

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|---|---|
| 15 | Piyush Arora |
| 16 | Pratik Agarwal |
| 17 | Parul Jain |
| 18 | Mohit Jain |
| 19 | Mishu Pushpendra Jain |
| 20 | Ritesh Sharma |
| 21 | Vinay Raj Dhaddha |
| 22 | Vinit Kumar Shah |
| 23 | Nagendra Singh Tanwar |
| 24 | Pranaya Vashistha |
| 25 | Jayesh Soni |
| 26 | Kushal Rawat |
| 27 | Madhur Khandelwal |
| 28 | Khushi Malasiya |
| 29 | Malika Khandelwal |
| 30 | Manali Sharma |
| 31 | Manan Jain |
| 32 | Shubham Jain |
| 33 | Ishika Agarwal |
| 34 | Manoj Garg |
| 35 | Ritika Agarwal |
| 36 | Aman deep Singh Sandhu |
| 37 | Aditya Nehra |
| 38 | Abhishek Garg |
| 39 | Abhishek Goyal |
| 40 | Akshita Singhvi |
| 41 | Mukul Palol |
| 42 | Mukul Jangid |
| 43 | Khushi Khandelwal |
| 44 | Kartik Sharma |
| 45 | Karan Sabnani |
| 46 | Harsh Sharma |
| 47 | Khushi Jain |
| 48 | Komal Jha |