



(PROGRAMMING IN C LANGUAGE)

- **Introduction to the C Language**
  - The C Language and its Advantages
  - The Structure of a C Program
  - Writing C Programs
  - Building an Executable Version of a C Program
  - Debugging a C Program
  - Examining and Running a C Application Program
- **Data Types and Variables**
  - Data Types
  - Operands, Operators, and Arithmetic Expressions
- **Input/Output Management**
  - Input/Output Management
  - The getchar() and putchar() Functions and Single-character I/O
  - Formatted Input and the scanf() Function
- **Control-flow Statements**
  - The Control-flow Program Statements
  - Looping Statements
  - The Data-checking Process
- **Modular Programming with Functions**
  - The C Function
  - Passing Data to Functions
  - Passing an Address to Modify a Value in Memory
  - Using Functions in the Checkbook Program
  - The C Standard Library Functions
- **Arrays, Pointers, and Strings**
  - Arrays
  - Pointers
  - Strings
  - Using Arrays, Strings, and Pointers in the Checkbook Program
- **Structures and Dynamic Memory Allocation**
  - Structures
  - Arrays of Structures
  - Passing Structures to Functions
  - Nested Structures
  - Dynamic Memory Allocation
- **File Input/Output**
  - File Input and Output

**Qualification** : 10th or Above  
**Duration** : 60 Days  
**Course Fees** : ₹2,500/-