('C' LANGUAGE COURSE)
(Course Duration: 2 Months)

Course Overview

C Programming is the mother of all Programming languages and is a start to building your career in the field of information technology. In C Programming class one will learn the usage of syntax.

Course Content

- **Introduction to 'C'**

- **Basics of 'C' Language**
  - Identifiers in 'C'
  - Variables and Data types
  - Storage Classes
  - Constants and Literal Constant
  - Printf and Scanf
  - Input and Output Instructions
- **Operators**

- **Decision Making Statements**
  - If Statement
  - Nested If
  - If-else-if ladder
  - Multiple if
  - Switch Statement
  - Nested switch
  - Unconditional Branching using go to statement
- **Control Statements (Loops)**
  - For loop
    - Nested for loop
  - While Loop
    - Nested while
  - Do-while loop
    - Nested do-while
  - Break and Continue
- **Array in 'C'**
- **Pointers & String**
- **Functions in 'C'**
- **ENUM**
- **Structure**
- **Union**
- **File Management**
- **Preprocessor**
- **Dynamic Memory Allocation**
- **Stream in 'C'**
- **File Handling with Formatted and Unformatted Function**