Certificate Course in C Programming

Course in C Programming
4 Weeks Online Course

4 Weeks (2 Hrs. per day)
Timing: - 10:00 AM to 12:00 PM

Objective

The objectives of this course are to make the student understand programming language, programming, concepts of Loops, reading a set of Data, stepwise refinement, Functions, Control structure, Arrays. After completion of this course the student is expected to analyze the real life problem and write a program in 'C' language to solve the problem. The main emphasis of the course will be on problem solving aspect i.e. developing proper algorithms..

Eligibility

10+2 and Basic Knowledge of Computer

Prerequisite

- Candidate must have latest computer/laptop with preferably 2 GB RAM or higher
- Software: Turbo C++ Compiler
- Internet connection with good speed

Course Fees

Rs. 1000/- incl. GST & all other charges.

Certificate

Certificate will be provided to the participants, based on minimum 75% attendance and on performance (minimum 50% marks) in the online test, conducted at the end of the course.

Methodology

- ✓ Instructor-led live classes.
- ✓ Instructor-led hands-on lab sessions.
- ✓ Content Access through e-Learning portal.
- ✓ Assessment and Certification

How to Apply

Step-1: Read the course structure & course requirements carefully.

Step-2: Visit the Registration portal and click on apply button.

Step-3: Create your login credentials and fill up all the details, see the preview and submit the form.

Step-4: Login with your credentials to verify the mobile number, email ID and then upload the documents, Lock the profile and Pay the Fees online, using ATM-Debit Card / Credit Card / Internet Banking / UPI etc.

National Institute of Electronics & Information Technology
Gorakhpur – Extension Centre Lucknow
(Under Ministry of Electronics and Information Technology, Govt. of India)

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http://www.nielit.gov.in/gorakhpur/

Course Content

Day	Topic	Day	Topic
Day#01	Intro of Programming, Algorithms, Flow-charts, Programming Languages, Compilation, Linking and Loading.	Day#11	Inbuilt Function of String
Day#02	Types of Operators, Basic programming Examples	Day#12	Pointers, Types of Pointer
Day#03	Managing Input and Output with examples	Day#13	Storage Class in C
Day#4	• Control Statement if, if...else, else...if...else statement with examples	Day#14	Structure & Union
Day#5	Switch Statement with examples	Day#15	Concept of Functions, Prototype of a function: Formal parameter list, Return Type
Day#6	Loops: While loop, For loop, break and continue statements with examples	Day#16	Passing arguments to a Function: call by reference, call by value
Day#7	Nesting of loops	Day#17	Recursion function
Day#8	Concept of Array and its operations	Day#18	File Handling in C
Day#9	Matrix (2D Array) Operation with examples	Day#19	Error Handling Functions of File
Day#10	String Handling in C	Day#20	Self-Referential Structures and Linked Lists

Course Coordinator

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