IT Programming
Courses Syllabus

Comprehensive Hands On Training in Programming

A Practical Approach to Learning Modern Programming and IT Skills

SciFixia

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About Us

SciFixia is a Pune-based learning hub offering **practical, industry-oriented training in Life Sciences and Information Technology.** We focus on **hands-on, on-job learning** using real data, real tools, and real-world problem solving.

Our certified programs help learners build strong **technical skills, analytical thinking, and industry readiness** through interactive and application-driven training.

At **SciFixia**, we are committed to making quality education accessible and preparing future-ready professionals for today's evolving industries.

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Duration – 4ᵗʰ May – 12ᵗʰ June 2026 (Complete 1 Month)

Days - Monday - Friday

Timing - 6:00 pm to 7:00 pm

Mode - Online

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Why Choose SciFixia?

💻 **Real-time practical training**

🧑‍💻 **Hands-on coding experience**

🚀 **Industry-relevant IT skills**

🏫 **Online expert-led sessions**

🎓 **Certification with career-ready skills**

Course Details

C Programming (1 Months)

• **Understand core programming concepts such as variables, data types, operators, and program structure.**

• **Apply conditional statements, loops, and functions to build logical programs.**

• **Work with arrays, strings, pointers, and file handling for data processing.**

Course Price: 2000/-

Topic	What You Will Learn
Introduction to Programming	C program structure, compilation process, basic syntax
Variables, Data Types and Operators	int, char, float, variable declaration, arithmetic, relational and logical operators
Conditional Statements	if, if-else, nested if, switch
Loops	for loop, while loop, do-while loop, loop control

Topic	What You Will Learn
Functions	function declaration, definition, parameters, return values, recursion basics
Arrays	array declaration, traversal, searching, basic sorting
Strings	character arrays, string input/output, common string operations
Pointers	memory addresses, pointer declaration, pointer arithmetic
Structures	structure declaration, accessing members, arrays of structures
Preprocessor Directives	#include, #define, macros, header files
File Handling	file opening/closing, reading and writing files

Outcomes of this Course

• **Ability to write and execute basic programs independently.**

• **Strong foundation in programming logic and problem solving.**

• **Ability to build small practical programs and understand real-world coding**

applications.