

Short Term Courses – NIELIT Delhi Centre

Programming Through C

Objective of the Course:

The course is designed to provide complete knowledge of C language. Students will be able to develop logics which will help them to create programs, applications in C. Also by learning the basic programming constructs they can easily switch over to any other language in future.

Learning Outcomes:

After the completion of this course, the students will be able to develop applications.

Duration of course: 60 hours

Minimum Eligibility Criteria: Basic Knowledge of Computer and Prerequisite, if any

Outline of Course

S. No.	Topics	Hours
1.	Introduction to programming, Fundamentals of C language	6
2.	Control Statements	6
3.	Loop Control Structures in C	8
4.	Arrays	12
5.	String Manipulation	4
6.	Functions	8
7.	Structure, Union & Pointers	8
8.	Linked List & File handling	8
Theory / Lecture Hours		30 Hours
Practical Hours		30 Hours
Total Hours		60 Hours

Books Recommended for Reading and Reference:

1. Programming In Ansi C -by E. Balagurusamy
2. Let us C – by Yashavant P. Kanetkar
3. A First Course in Programming with C- by T Jeyapoovan