



# C Programming

(From the very basics)

With

Junaid Khateeb

## Live Online Lectures

(just like being in a classroom from your home or office or just anywhere)

# Course Curriculum

## Part 1 : Introduction to 'C' programming

- ✚ History of C.
- ✚ Installing C compiler.
- ✚ Understanding role of a compiler.
- ✚ Concept of ASCII codes.
- ✚ Binary Format
- ✚ Datatypes in 'C'
- ✚ Keywords in 'C'
- ✚ Identifiers in 'C'
- ✚ Precedence and associativity of Operators
- ✚ Header files in 'C'
- ✚ Basic programming in 'C'

## Part 2 : Control Structures in 'C'

- ✚ Need of Control Structures
- ✚ If Statement
- ✚ For Statement
- ✚ Nested For Statement
- ✚ While Statement
- ✚ Do-While Statement
- ✚ Break Statement
- ✚ Continue Statement
- ✚ Switch Statement.

## Part 3 : Functions in 'C'

- ✚ What are Functions
- ✚ Writing and calling functions
- ✚ Calling multiple functions
- ✚ Recursive functions
- ✚ Storage classes in 'C'
- ✚ Call by Value and Call by reference

## Part 4: Arrays in 'C'

- ✚ What are arrays
- ✚ Defining arrays
- ✚ Programs on 1-D Arrays
- ✚ Programs on 2-D arrays

## Part 5: Strings in 'C'

- ✚ What are Strings
- ✚ Understanding header file string.h
- ✚ Programs on Strings

## Part 6: Structures in 'C'

- ✚ What are structures
- ✚ Defining Structures
- ✚ Programs on Structures
- ✚ Structure inside a Structure
- ✚ Programs on array of structures

## Part 7: Unions in 'C'

- ✚ What are Unions
- ✚ Creating Unions
- ✚ Difference between structures and Unions

## Part 8: Pointer in 'C'

- ✚ What are pointers
- ✚ Concept of a base type in pointers
- ✚ Creating pointers
- ✚ Creating pointer to a pointer
- ✚ Numericals on Pointers

## Part 9: Files in 'C'

- ✚ What are Files
- ✚ Modes of opening a file
- ✚ Reading data from a file

- ✚ Writing to a file
- ✚ Opening and Closing a file

**Part 10: Question paper solutions from previous years exams**

## **Salient Features Of the Course**

- 1) Completely Hand on Course.**
- 2) Online Support from our App and Website.**
- 3) Theoretical concepts covered in detail too, as they are important for International certification and Interviews.**
- 4) Certification to be provided at the end of the course.**

# About Junaid Khateeb

**Qualification :** M.E. Computer Engineering

**Teaching Experience :** 17 Years

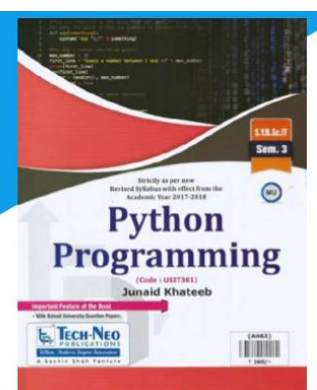
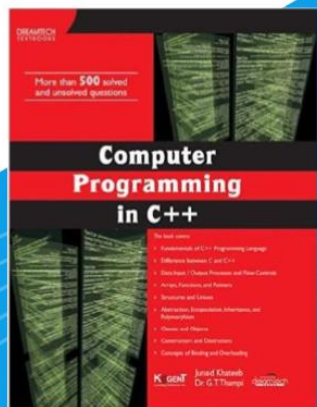
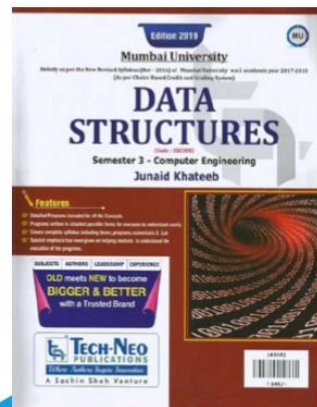
**Profile:** Founder of Khateeb Group of Insitutes & Junkminds.com

**Technologies Taught:** C , C++ , JAVA , Python , Machine Learning , Artificial Intelligence , R-Programming

**Concepts Taught :** Object Oriented Programming, Database Management System, Operating System, Data Structures, Software Engineering, Discrete Mathematics, Analysis of Algorithms, Distributed Processing.

**Number Of students trained :** over 10,000 and counting.

**Author of the Following books:**



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