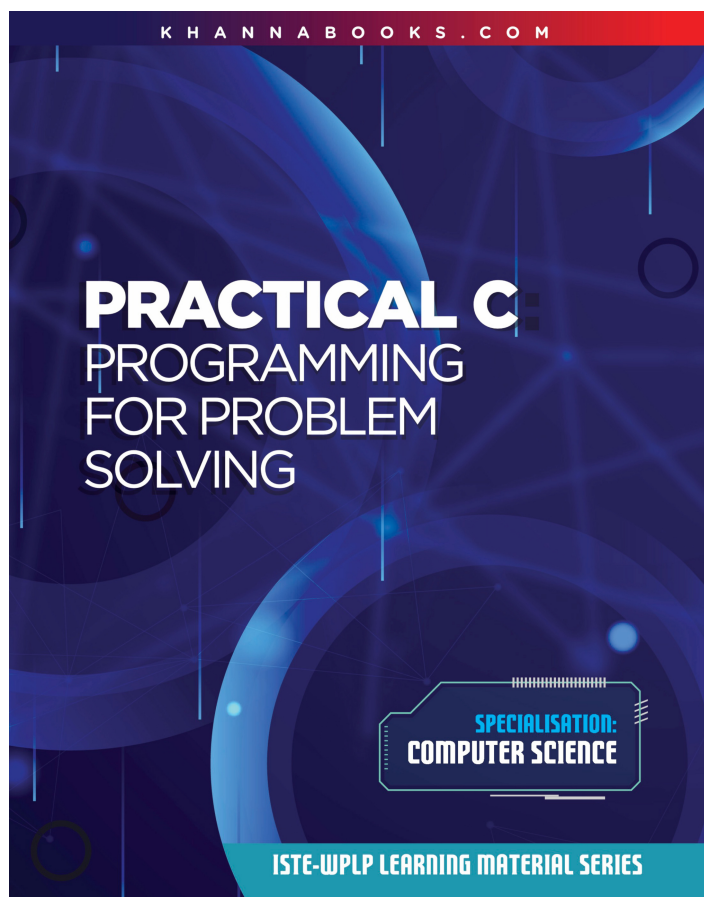




Practical C Programming For Problem Solving

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Product Description

The educational objective of this textbook is to introduce the fundamentals of C, its building blocks, the logic flow is to programs, and to provide a detailed explanation of C program coding. This book is dedicated to pragmatic C programming. C is a language that makes learners feel confident while learning it. That's because C is a standardized and simple language with respect to syntax. It stands as the language of choice for hardware programming among programmers. This book emphasizes the skills required to solve real- world problems through programming. It not only offers insights into the working procedures but also delves into the fundamentals, teaching the creation of flowcharts and writing algorithms. This book serves two general purposes. First, it acts as a manual for graduate-level students who wish to learn coding using the C programming language. Second, it serves as a guiding companion for newcomers in companies, aiding them in understanding logic flow and the art of coding. Learning C has become a prerequisite for Computer Science graduates, as the language is both simple and comprehensible. The motivation behind the writing of this book is to facilitate the process of learning C and mastering logic flow.

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CHAPTER 1: Introduction to C Programming Fundamentals, **CHAPTER 2:** Basic Level C Programs, **CHAPTER 3:** Intermediate Level C Programs, **CHAPTER 4:** Concept Oriented C Programs, **CHAPTER 5:** Sorting and Searching Algorithms, **CHAPTER 6:** Advanced C Programs, **CHAPTER 7:** Project Implementation using C.

Author

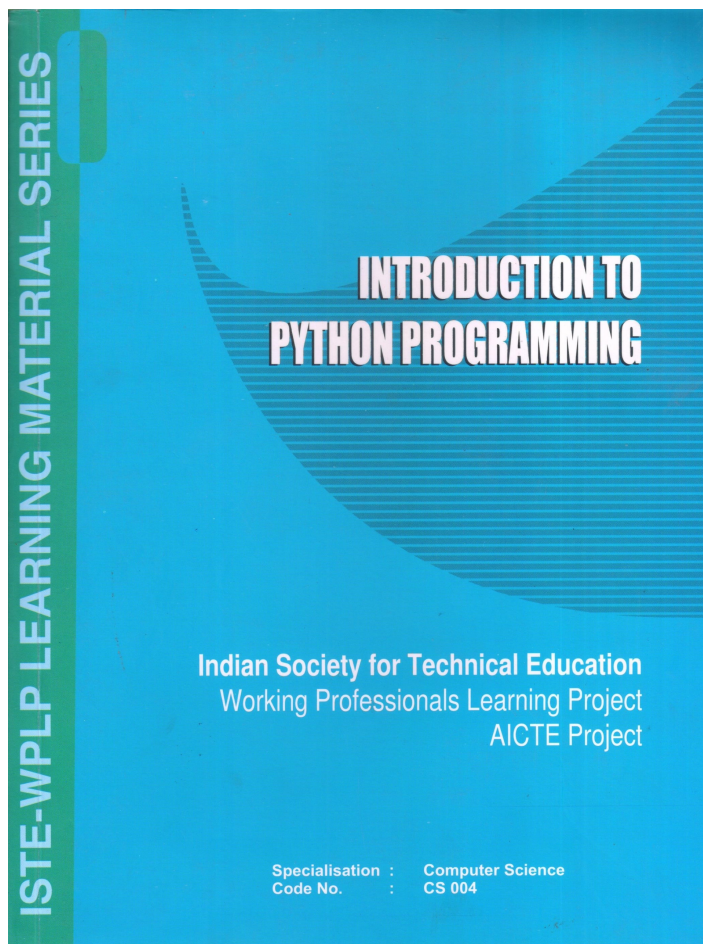
Venkatesh, Nagaraju Y



Khanna Publishing House

4C/4344, Ansari Road, Daryaganj, New Delhi-110002

Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: + +91-99109 09320



Introduction to Python Programming

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Product Description

The educational objective of this textbook is an Introduction to Python Programming, computer application development using python. This book serves two purpose in general. First, it serves as a text book in a college-level introductory to Python Programming subject. Second, the book is a broad introduction to the python concepts, libraries and tools essential for application development. Learning python has become a prerequisite for computer science graduates because, python has powerful software libraries that make complex tasks simple. The motivation behind writing this book is for the ease of learning Python and the ease of using its libraries in application development. The textbook's pedagogical approach is to introduce Python programming concepts, Python programming in a easy and understanding manner. The approach followed in this book is more akin to learning a



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Chapter 11: Database and Data Processing in Python.

Authors

Dr. Venkatesh is currently working as Assistance Professor in the Department of Computer Science and Engineering, University Visvesvaraya College of Engineering, Bangalore University, Bangalore-560001. Obtained his Bachelor of Engineering, Master of Technology degree and PhD in Computer Science and Engineering in the year 2000,2004 and 2018 respectively. His research interest include Wireless Sensor Network, Ad-hoc Network, Data Science and Web Recommendation System. **Nagaraju Y** is currently a Research Scholar in the Department of Computer Science and Engineering, University Visvesvaraya College of Engineering , Bangalore University, Bangalore-56001. Obtained his Bachelor of Engineering degree in Information Technology in the year 2015, and 2017 respectively. He is also qualified if UGC NET and KSET exams. His research interest including Deep Learning, Computer Vision and Artificial Intelligence.



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