

### Fluid Mechanics

**Author:** Sadhu Singh

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## **Product Description**

This book is a textbook for the B.E./B. Tech. students of All Indian Universities and Institutions. The subject matter has been explained in the simplest possible way for easy assimilation by the students. This has been reinforced by a large number of solved examples. A large number of solved examples, short answer type questions chapter wise. Unsolved end-of chapter exercises. Multi-choice questions from ESE/CSE/GATE.



### **Table of Contents**

Chapter 1: Fluid Properties. Chapter 2: Fluid Statics. Chapter 3: Fluid Kinematics. Chapter 4: Fluid Dynamics.

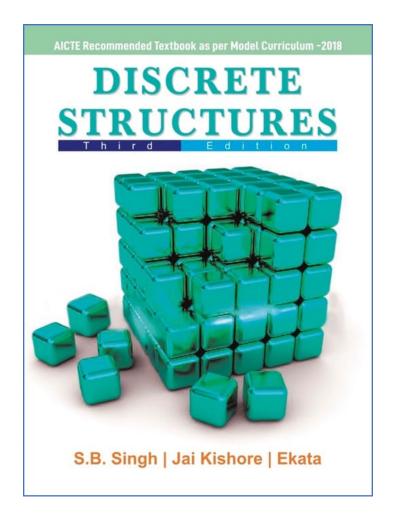
Chapter 5: Compressible Fluid Flow. Chapter 6: Viscous Flow. Chapter 7: Flow Through Pipes. Chapter 8:

Boundary Layer flow. Chapter 9: Turbulent Flow. Chapter 10: Fluid Measurement. Chapter 11: Dimensional and Model Analysis. Chapter 12: Notches and Weirs. Chapter 13: Flow through Open Channels. Chapter 14: Potential Flow. Multiple Choice Questions Index

#### **Author**

**Sadhu Singh** Dr. Sadhu Singh is a retired professor of Mechanical Engineering of Govind Ballabh Pant university of Agriculture & Technology, Pantnagar. He graduated in Mechanical Engineering with Hons, from Punjab University, Chandigarh, M.Sc. (Mechanical Design & Production Engineering) and Ph.D. from Kurukshetra University, Kurukshetra. His teaching experience spans 15 years at Regional Engineering College (now NIT), Kurukshetra and 19 years at Pantnagar University. He has been Professor & Head, Mechanical Engineering Departmentand Dean, Faculty of Engineering & Technology at Pantnagar. He has been Director (Colleges). Punjab Technical University, Jalandhar.





### **Discrete Structures**

**Author:** Ekata Gupta

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**SCIENCES & HUMANITIES** 

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Country Origin: India

## **Product Description**

Extremely well organized and lucidly written book with an approach to explain the concepts in communicable languages. Suitable text book for the students of BCA, B. Tech., M.C.A., M.Sc., M Tech., etc.Each Chapter follows Objective type problems. Around 500 objective type problems (235) Multiple choice questions, 130 Fill in the blanks type, 135 True/False type with their answers to help Students understand very concept. Around 800 problems of various level of difficulty in exercises to review the understanding and testing the skills of the students after every section. Around 140 theorems to give better understanding and insights of the concepts. Topics are followed by figures and tables. In total more than 400 figures and 140 tables are taken to back the understanding of topics. Chapter includes: Combinatorics, Set Theory, Relations Functions, Group Theory, Rings and Fields, Logic, Lattices, Boolean Algebra, Graph Theory, Automata.



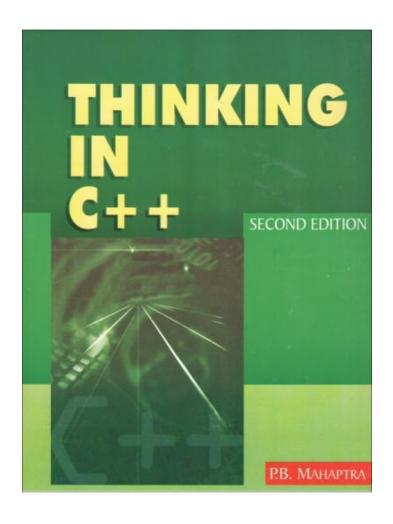
### **Table of Contents**

Chapter 1: Combinatorics. Chapter 2: Set Theory. Chapter 3: Relations. Chapter 4: Functions. Chapter 5: Groups. Chapter 6: Rings & Fields. Chapter 7: Logic. Chapter 8: Lattices. Chapter 9: Boolean Algebra. Chapter 10: Graph Theory. Chapter 11: Automata. Appendix Bibliography Index

#### **Authors**

**Dr. S.B. Singh** is an Associate Professor in the Dept. Of Mathematics Statistics and Computer Sc., G.B. Pant University of Agri. & Tech., Pantnagar. He has around thirteen years of teaching experience at different Engineering Colleges and University. He has authored and co-authored seven more books. he has been conferred with four national awards. **Dr. Jai Kishore** is an Assistant professor in the Dept. of Mathematics, Indraprustha Eng. College Ghaziabad. He has more than 8 Years of teaching experience in different Eng. colleges. He has authored and co-authored four more books. **Dr. Ekata** is an Assistant Professor at Dept. of Mathematics, Krishna Institute of Eng. & Tech. Ghaziabad. She has more than fifteen years of teaching experience in different Eng. Colleges.





# Thinking in C++

**Author:** P.B. Mahapatra

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## **Product Description**

The style and text has been vastly improved, it now covers most of the additions and modifications made in the language. New chapters included on object oriented programming and STL, which will help the programming to develop efficient software. Presentation of the book has been kept simple, so that even the beginner to the language can derive maximum benefit out of it. Numerous examples have been interspersed throughout in the support of the text.



### **Table of Contents**

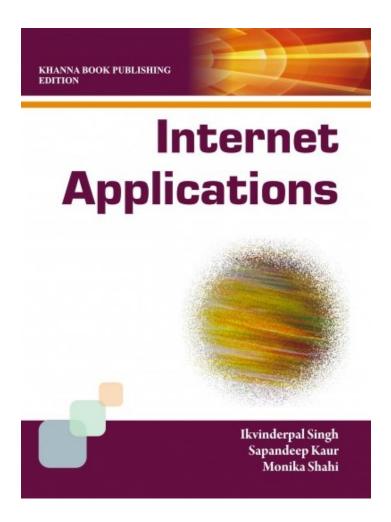
Chapter 1: Fundamentals of C++. Chapter 2: Mathematical and Relational Expression. Chapter 3: Flow Control in C++. Chapter 4: Loops in C++. Chapter 5: Fundamentals of C++. Chapter 6: Structures and Unions. Chapter 7: Data- Its Scope and Visibility. Chapter 8: Objects & Classes. Chapter 9: Preprocessor. Chapter 10: Arrays in C++. Chapter 11: Pointers in C++. Chapter 12: Inheritance. Chapter 13: More on C++ Pointers. Chapter 14: More on Objects and Classes. Chapter 15: Operator Overloading. Chapter 16: Virtual Functions and Polymorphism.

Chapter 17: Input/Output- Preliminaries. Chapter 18: File Input/Output. Chapter 19: Data Structures. Chapter 20: Templates. Chapter 21: Exception Handling. Chapter 22: Graphics in C++. Chapter 23: Objective Oriented Programming - A Closer Look. Chapter 24: Some Useful Classes. Chapter 25: C++ as Standardized by ANSI/ISO. Chapter 26: Introduction to the STL.

### **Author**

**P.B. Mahapatra** Dr. P.B. Mahapatra, after an illustrious student career in I.I.T., Kharagpur, joined the faculty of Punjab Engineering College in 1970 as Assistant professor in the department of production Engineering. Since then he has served the institute in various capacities and at the moment serving as professor in the department of mechanical Engineering. His area of interest includes production Management, Industrial Engineering, quality control and operations research. His first books was Thinking in C published in 1996. The success of the book all over the country and numerous requests from potential readers for more such books prompted him to write a number of books on computer science. Other books authored by him include Thinking in C++, Thinking in Java, Graphic under C++ and Computer Aided production Management. Two more volumes, Essentials of information practice and essentials of computer Science have been authored by him for school children, written strictly according to the CBSE Syllabus, these are also very popular in school.





# **Internet Applications**

**Author:** Ikvinderpal Singh

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**Language :** English

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**Condition Type:** New

Country Origin: India

## **Product Description**

This book is meant for a wide range of readers, who wish to learn the basic concepts of internet applications. in the book we cover all basic concepts of internet of various Indian Universities in as systematic and simplified manner. While writing this book, it was kept in mind to include only the relevant topics so that it is useful both for learning and reference purpose. Internet application have been introduced from the first principles and discussed in an easy manner, so that a beginner can grasp the concepts of working of internet, E-mail, internet protocols, newsgroup, worldwide web, search engines, internet and extranet, web designing using HTML, DHTML with programming techniques.



### **Table of Contents**

Chapter 1: Introduction. Chapter 2: E-mail. Chapter 3: Internet Protocols. Chapter 4: Usenet Newsgroups.

Chapter 5: World Wide Web (WWW). Chapter 6: HTML. Chapter 7: Forms in HTML. Chapter 8: Cascading Style Sheets (CSS). Chapter 9: Javascript. Chapter 10: DHTML. Chapter 11: Search Engines. Chapter 12: Intranet & Extranet.

#### **Author**

**Ikvinderpal Singh** Ikvinderpal Singh, is Lecturer of P.G. Deptt. Of Computer Science & Applications, Khalsa College, Amritsar which is a premier institute in North India. He obtained his MCA with distinction from Guru Nanak Dev University, Amritsar. He has always been excellence right from his student career. He has written five books. He brought name for himself when he topped the college in B.Sc. His other areas of interest include Fuzzy systems, digital electronics and java programming.

