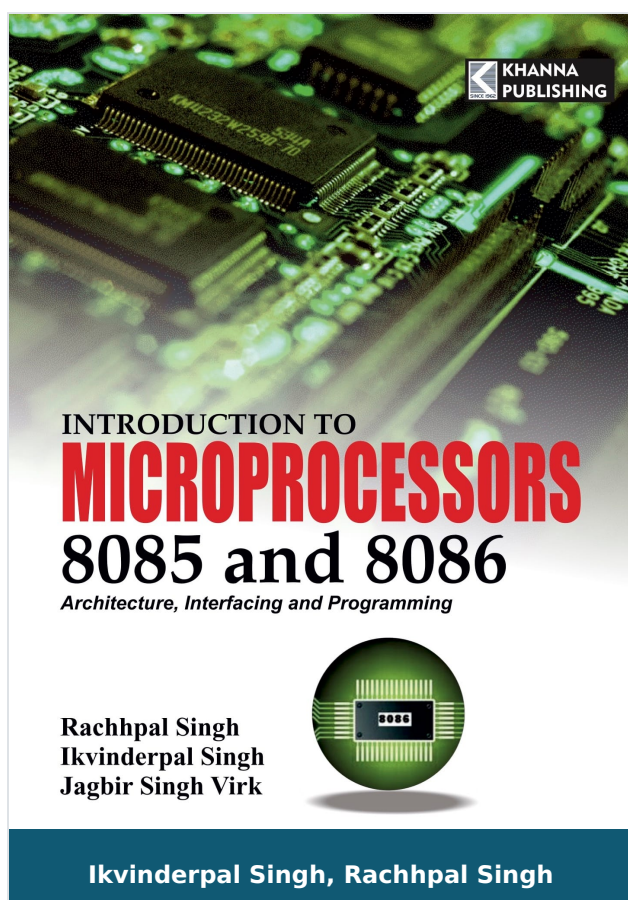




Introduction to Microprocessors 8085 and 8086

Author : Ikvinderpal Singh, Rachhpal Singh

ISBN 13 : 978-93-80016-57-3

ISBN 10 : 9380016573

E-ISBN 13 : 978-93-80016-57-3

Edition : First

Pages : 476

Type of book : Physical

Year : 2025

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 550.00

Categories : [Electrical, Electronics & Communication Engineering, Book Store](#)

Condition Type : New

Country Origin : India

Product Description

Written with the beginner in mind, this book provides an exceptionally clear and precise detail of microprocessors. Its approach is explanatory and language is lucid and communicable. Each and every microprocessor described with the help of internal architecture its pin diagram and interfacing to have clear ideas lucid presentation of instruction set of each microprocessor.

Table Of Contents

- Microprocessors
- Instruction Classification
- Microprocessor
- Instruction Set
- Assembly Language
- DMA Controller
- Programmable Peripheral Interface
- 8253/8254 Programmable Timer/Counter
- Programmable Interrupt Controller
- USART
- RS232C

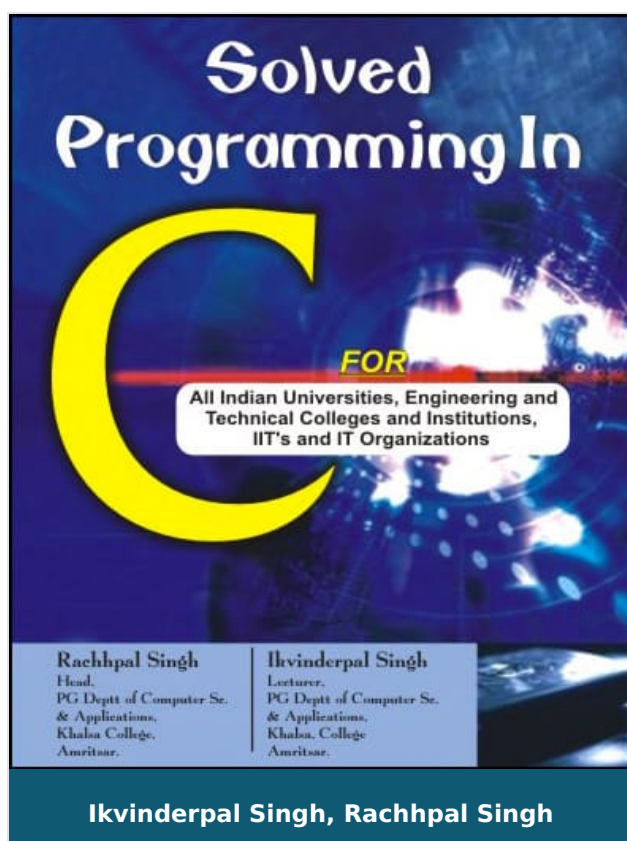
Author

Ikvinderpal Singh

Dr. Ikvinderpal Singh is an Assistant Professor at Trai Shatabdi Guru Gobind Singh Khalsa college Amritsar, bringing 17+ years of academic leadership and research experience to the field of computer science. A Gold Medalist in B.Sc. IT, with an MCA (Distinction) and a Ph.D. in Neural Networks and Image Processing, he is known for blending rigorous research with practical innovation. A prolific academic creator, he has authored 37 books, published 82+ research papers, and designed 100+ industry-aligned skill-development courses. His expertise extends to doctoral evaluation, supervision, and active participation on 100+ editorial and review boards worldwide.

Rachhpal Singh

Rachhpal Singh is head of P.G. Dept. Computer Science & Applications, Khalsa College, Amritsar which is a premier institute in North India. He obtained his MCA from thapar Institute of Engineering and Technology, patiala. He has over fifteen years of teaching experience to teach post graduate classes. He is an international author of the world level and his other areas of interest include software engineering, parallel processing system level programming.



Solved Programming in C

Author : Ikvinderpal Singh, Rachhpal Singh

ISBN 13 : 978-93-80016-19-1

ISBN 10 : 9380016190

E-ISBN 13 : 978-93-80016-19-1

Edition : First

Pages : 520

Type of book : Physical

Year : 2012

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 350.00

Categories : [Computer Science Engineering,](#)
[Objective Type Books, Book Store](#)

Condition Type : New

Country Origin : India

Product Description

This book blends concepts with real practical applications. Simple and lucid style trains the reader not only in developing application programs but also familiarizes with system level programming. Contains about 1600 solved simple as well as complex programming problems. Include real life solved examples. Contains program regarding all header files functions used in C programming like studies math etc. All macro functions are covered with suitable programs macro basic, macro constant, macro string etc. Contain all data types programming descriptions. All operations are explaining in the form of simple programs. It covers all function of console I/O and file I/O. Control statements, array, strings, functions, pointers, dynamic memory allocation is described using simple as well as system level programming. Containing graphic programming.

Table Of Contents

- Getting Started With C
- All Data Types
- Operators
- Console Input/Output
- Control Statements
- Array
- Strings
- Functions
- Pointers
- Dynamic Memory Allocation
- Structure and Union
- Files
- Macros in C
- Header Files in C
- Graphics Programming

Author

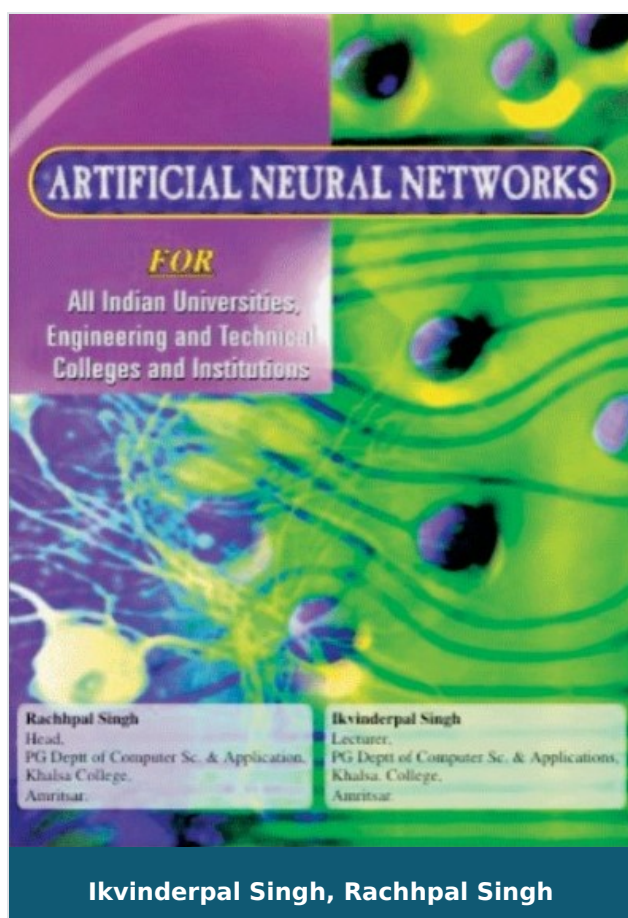
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Artificial Neural Networks

Author : Ikvinderpal Singh, Rachhpal Singh

ISBN 13 : 978-93-80016-20-7

ISBN 10 : 9380016204

E-ISBN 13 : 978-93-80016-20-7

Edition : 1

Pages : 284

Type of book : Physical

Year : 2013

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 275.00

Categories : [Computer Science Engineering,](#)
[Book Store](#)

Condition Type : New

Country Origin : India

Product Description

Written with the beginner in mind, this volume offers an exceptionally clear and thorough introduction to neural network at an elementary level. It provides the clear survey of basic neural network architectures and learning rules. In it, We emphasize mathematical analysis of networks, methods for training network, and application of neural network to practical engineering problems in speech recognition, stock market prediction and pattern recognition.

Table Of Contents

- Fundamentals of Neural Networks
- Perceptrons
- Backpropagation
- Adaline and Madaline
- Supervised and Unsupervised Learning
- Counter-propagation Network
- Adaptive Resonance Theory
- Neocognitron
- Bidirectional Associative Memory
- Case Studies

Author

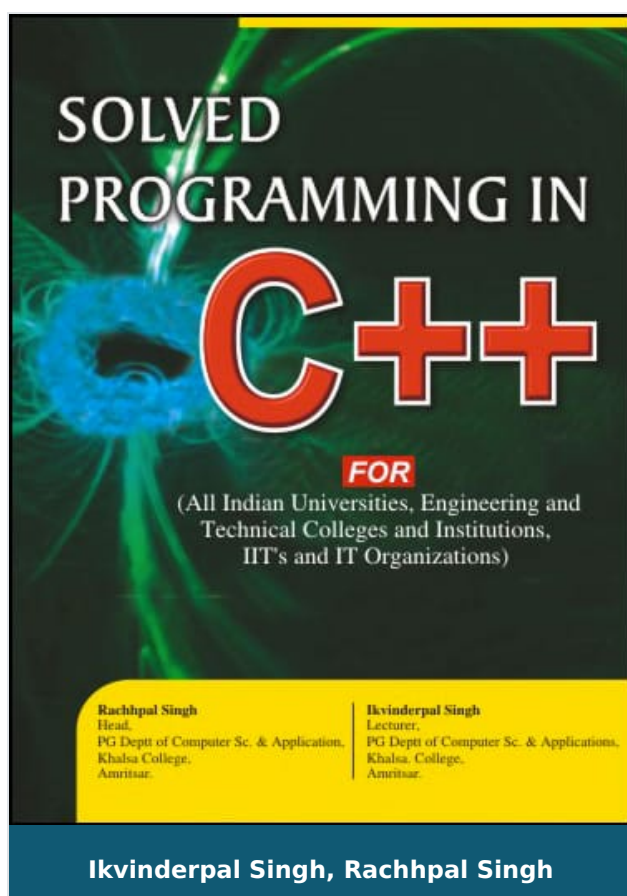
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Solved Programming in C++

Author : Ikvinderpal Singh, Rachhpal Singh

ISBN 13 : 978-93-80016-18-4

ISBN 10 : 9380016182

E-ISBN 13 : 978-93-80016-18-4

Edition : First

Pages : 880

Type of book : Physical

Year : 2012

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 450.00

Categories : [Objective Type Books, Book Store](#)

Condition Type : New

Country Origin : India

Product Description

This book blends concepts with real practical applications. Simple and lucid style trains the reader not only in developing application programs but also familiarizes with system level programming.

Salient Features:

1. Contains about 2200 solved simple as well as complex programming problems. Include real life solved examples.
2. Contains all data types programming descriptions like int array, bool, binary bit, float read, register variables etc.
3. It covers of all functions of cin and cout, cin manipulator, cout boolalpha, cout custom, cout scientific etc.
4. Include Classes , objectives, constructor and destructor with simple programming examples.
5. Each operator is overloaded using simple programs like overloaded unary binary operator, enum, square bracket, custom inserter etc.
6. Detail study of various types of inheritance and also explain polymorphism concept.
7. Each function file of I/O is described using simple programming, functions like binary file, file pointer, istream, ostream, iostream and file IO exception etc.
8. Explore the functions like inline, static, and friend.
9. Some extra features like templates, exception handling, genric programming described using suitable programming examples.
10. Contains implementations of data structures liked list, stack, queue etc.

Table Of Contents

- Introduction to C++
- All Data Types
- Development in Cin and Cout
- Control Statements
- Array
- Strings
- Functions
- Pointers
- Structure and Union
- Classes and Objects
- Constructors and Destructors
- Operator Overloading
- Inheritance
- Polymorphism and Virtual Function
- Files
- Exploring Functions (Inline Friend Static)
- Templates
- Exception Handling
- Generic Programming
- Data Structures Using C++

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