

Electronics Analog and Digital

Author :	R. Singh
ISBN 13 :	978-93-80016-95-5
ISBN 10 :	93-80016-95-6
E-ISBN 13 :	978-93-80016-95-5
Edition :	1
Pages :	672
Type of book :	Paperback
Weight (g) :	875.00
Year :	2010
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 350.00
Categories :	Electrical, Electronics & Communication Engineering
Condition Type :	New
Country Origin :	India

Product Description

Written with the beginner in mind, this book provides an exceptionally clear and precise detail of electronics. Its approach is explanatory and language is lucid and communicable. Analog and digital electronics described with the help of its circuit designs, pictorial representation and implementation to have clear ideas. Modern aspects of electronics have been introduced from the first principles and discussed in an easy manner so that a beginner can grasp the analog and digital electronics. Each chapter contains solved example problems and exercise problems.



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

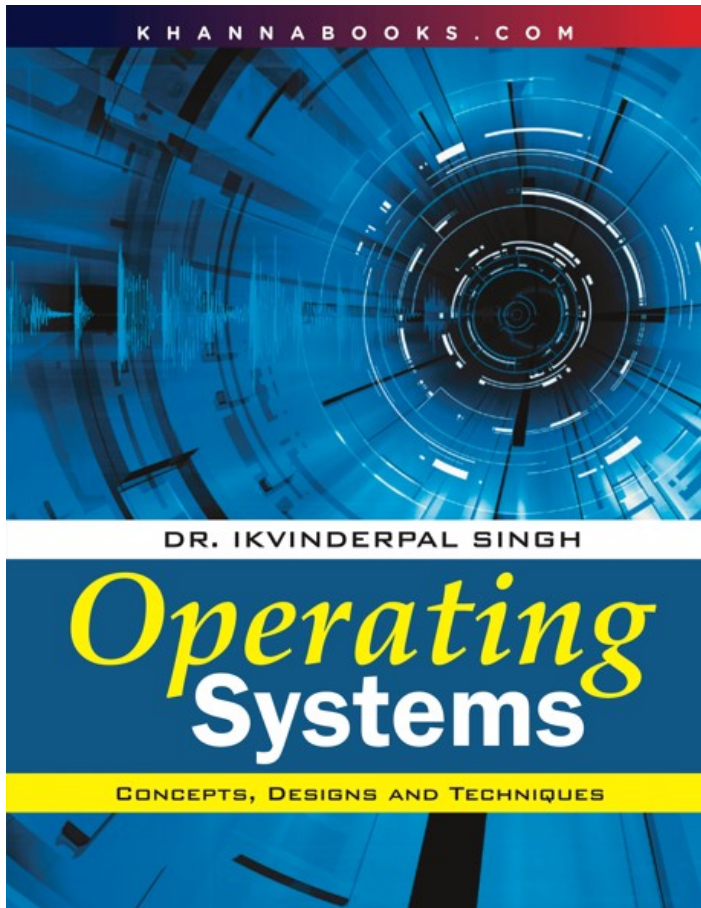
Table of Contents

Chapter 1: Introduction to Electronics. **Chapter 2:** Semiconductor Physics. **Chapter 3:** Semiconductor Diodes. **Chapter 4:** Rectifiers. **Chapter 5:** Transistor. **Chapter 6:** JFET and MOSFET. **Chapter 7:** Network Theorems and Amplifiers. **Chapter 8:** H-Parameters and Transformations. **Chapter 9:** Number System and Codes. **Chapter 10:** Logic Gates. **Chapter 11:** Boolean Algebra. **Chapter 12:** Karnaugh Maps. **Chapter 13:** Error Detection and Correction Codes. **Chapter 14:** Combinational Circuits. **Chapter 15:** Flip Flops and Timing Circuits. **Chapter 16:** Counters. **Chapter 17:** Registers. **Chapter 18:** Semiconductor Memories. **Chapter 19:** ADC DAC and Interfacing. **Chapter 20:** Logic Families.

Author

R. Singh "R Singh, MCA is equipped with an extraordinary calibre and appreciable academic potency. He has teaching experience of nearly twenty years. He has authored ten books on various complex topics of computer science. He has already submitted his Ph.D. thesis in the field of system simulation. His other areas of interest include Software Engineering, Data Structures and Information Systems.





Operating Systems

Author :	Ikvinderpal Singh
ISBN 13 :	978-93-81068-72-4
ISBN 10 :	93-81068-72-0
E-ISBN 13 :	978-93-81068-72-4
Edition :	1
Pages :	672
Type of book :	Paperback
Weight (g) :	900.00
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 798.00
Categories :	Computer Science Engineering
Condition Type :	New
Country Origin :	India

Product Description

Fundamental concepts are introduced in simple terms, Numerous examples are included to illustrate concepts and techniques. The sequence of topics is well planned to provide a seamless transition from design to implementation. With each chapter, the continuity of topics is excellent. The figures appropriately enhance and amplify the topics. Case studies are organized in a lucid manner. The exercises can be found at the end each chapter. Other sections are devoted to advanced topics, e.g. deadlock characterization, process synchronization and scheduling in multiprocessor systems, file sharing semantics, file system reliability and capabilities.



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

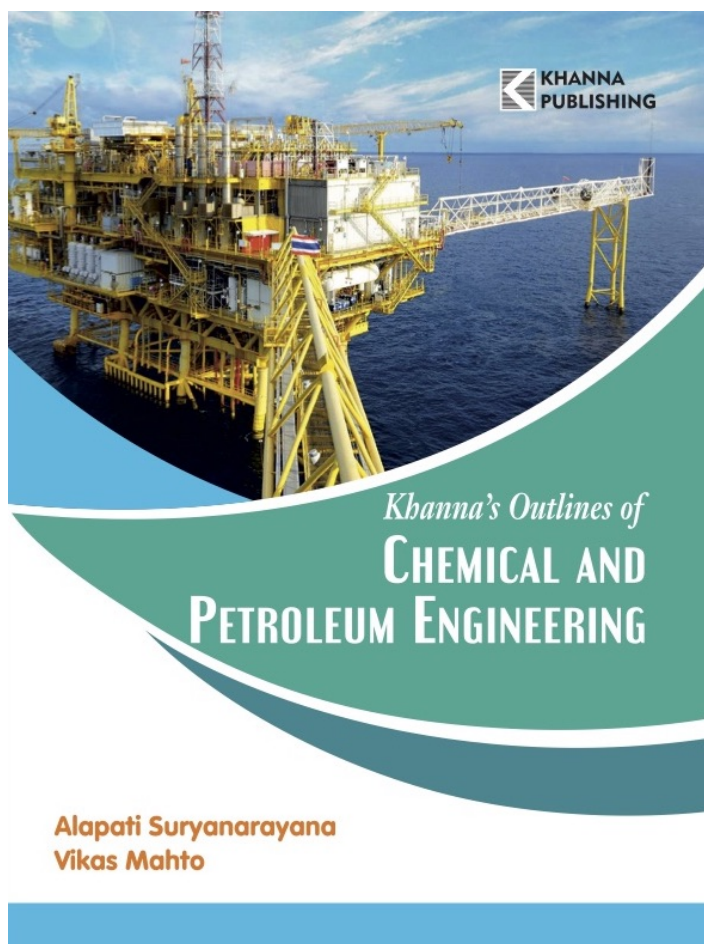
Table of Contents

Chapter 1: Overview. **Chapter 2:** Computer System Structures. **Chapter 3:** Operating System Structures. **Chapter 4:** Process and Threads. **Chapter 5:** Process Scheduling. **Chapter 6:** Process Synchronization. **Chapter 7:** Deadlocks. **Chapter 8:** Memory Management. **Chapter 9:** Virtual Memory. **Chapter 10:** Input/Output and Device Management. **Chapter 11:** Disk Management. **Chapter 12:** File Management. **Chapter 13:** Protection And Security. **Chapter 14:** Distributed Systems. **Chapter 15:** Case Studies Of Unix And Windows NT.

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 carrier. 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.





Khanna's Outlines of CHEMICAL & PETROLEUM ENGINEERING

Author :	Alapati Suryanarayana
ISBN 13 :	978-93-86173-19-5
ISBN 10 :	93-86173-19-0
E-ISBN 13 :	978-93-86173-19-5
Edition :	First
Pages :	672
Type of book :	Paperback
Weight (g) :	900.00
Year :	2018
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 499.00
Categories :	Chemical Engineering, Objective Type Books for Competition
Condition Type :	New
Country Origin :	India

Product Description

This book of chemical & Petroleum Engineering Contains of Various Topics. It covers different type of question with their Answers and Fill in the Blanks. Required data and equations are given for day to day calculations of Chemical Engineering topics. This book is necessary tool or an instrument for Chemical & Petroleum Engineers.



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

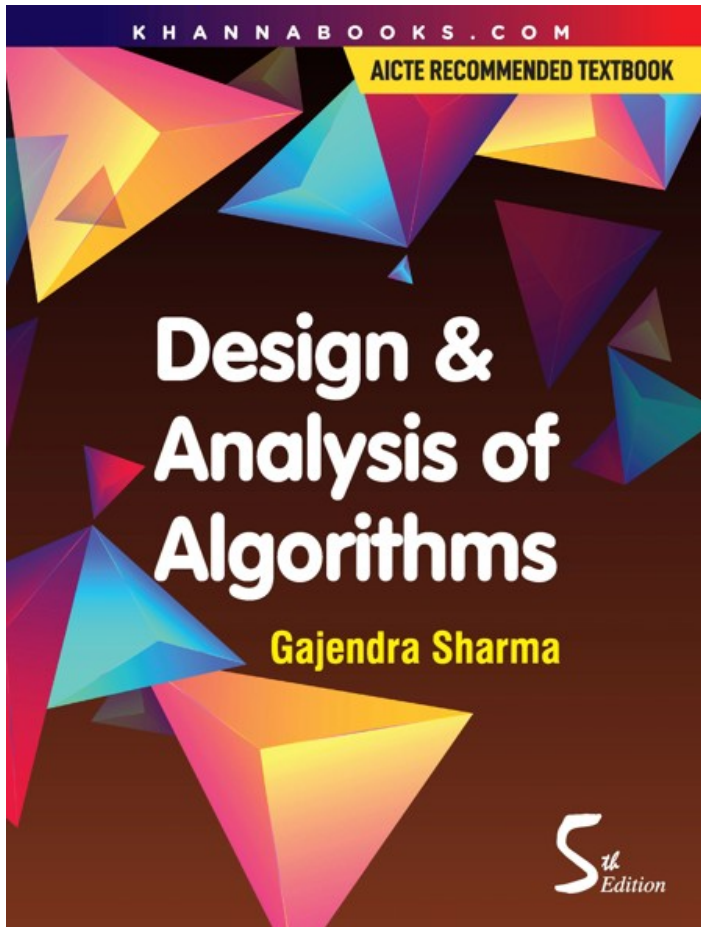
Table of Contents

Chapter 1: Stoichiometry. **Chapter 2:** Mechanical Operations. **Chapter 3:** Fuels and Combustion. **Chapter 4:** Chemical Technology. **Chapter 5:** Fluid Mechanics. **Chapter 6:** Heat Transfer. **Chapter 7:** Mass Transfer. **Chapter 8:** Thermodynamics. **Chapter 9:** Chemical Reaction Engineering. **Chapter 10:** Instrumentation and Process Control. **Chapter 11:** Equipment Design and Economics. **Chapter 12:** Computers. **Chapter 13:** Petroleum Engineering. **Chapter 14:** Energy Conservation and Safety. **Chapter 15:** Optimization. **Chapter 16:** Environmental Engineering. **Chapter 17:** Summary of equations. **Chapter 18:** Mathematics. **Chapter 19:** Material Science and Engineering. **Chapter 20:** Corrosion Engineering. **Chapter 21:** Safety Engineering. **Chapter 22:** Petroleum Engineering (Multiple Choice Question). Appendix

Authors

Dr. Vikas Mahto Dr. Vikas Mahto is an Associate Professor in the petroleum Engineering Department of Indian School Of Mines Dhanbad, India. He has received his Ph.D. degree in petroleum Engineering from Indian School of Mines Dhanbad in 2004. He is having more than 12 years of teaching experience in the field of Chemical Engineering and Petroleum Engineering. He is the author of more than 100 technical papers in different national/International journals 7 conferences of repute. He has completed three research projects sponsored by UGC-ISM, UGC New Delhi and CSIR New Delhi and currently working on collaborative project with Oil India India Ltd, Duliajan, Assam. He has filed two Indian Patents. He is the reviewer and member of editorial boards of many national and international journals. **Alapati Suryanarayana** Retired Professor & HOD Chemical Engineering Department N.I.T. Rourkela) Presently Prof. & HOD Chemical Engineering Department PRECET, Ex. Principal TRRECW Muthangi, Medak DK Telengana -502300





Design & Analysis of Algorithms

Author :	Gajendra Sharma
ISBN 13 :	978-93-82609-43-8
ISBN 10 :	93-82609-43-1
E-ISBN 13 :	978-93-82609-43-8
Edition :	4
Pages :	672
Type of book :	Paperback
Weight (g) :	840.00
Year :	2023
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 460.00
Categories :	Computer Science Engineering , Computer Science Engineering
Condition Type :	New
Country Origin :	India

Product Description

This book is intended for B. Tech (CS/IT), MCA and M. Tech students who want to have the basic to advanced knowledge of the design and analysis of algorithms. This book discusses various features of Algorithm design. In this 3rd edition more algorithms are added, papers of last few years are solved in chapters; few algorithms which were difficult to understand in previous edition are presented in easier form.

Table of Contents

- Chapter 1:** Introduction.
- Chapter 2:** Growth of Functions.
- Chapter 3:** Summations.
- Chapter 4:** Recurrences.
- Chapter 5:** Sets Relations and Functions.
- Chapter 6:** Probability.
- Chapter 7:** Heaps and Heapsort.
- Chapter 8:** Quicksort.
- Chapter 9:** Sorting in Linear Time.
- Chapter 10:** Medians and Order Statistics.
- Chapter 11:** Elementary Data Structures.
- Chapter 12:** Hashing.
- Chapter 13:** BS Trees.
- Chapter 14:** Optimal Binary Search Trees.
- Chapter 15:** AVL Trees And Splaying.
- Chapter 16:** RB-Trees.
- Chapter 17:** Augmenting Data Structure.
- Chapter 18:** Dynamic Programming.
- Chapter 19:** Greedy Algorithms.
- Chapter 20:** Amortized Analysis.
- Chapter 21:** B. Trees-External Searching.
- Chapter 22:** Binomial Trees and Binomial Heaps.
- Chapter 23:** Fibonacci Heaps.
- Chapter 24:** Data Structure for Disjoint Sets.
- Chapter 25:** Elementary Graph Algorithms.
- Chapter 26:** Back Tracking.
- Chapter 27:** Branch and Bound.



Author

Gajendra Sharma, a widely acclaimed author in the field of IT and Software both at the National and International arena, is currently working as an Assistant Professor at IIMT Group of College, Greater Noida. The best qualities of his writings have been the core topics of computer science, which has always been precise and concise with all concepts dealt in greater detail. He is having nine years of teaching experience. He also provides consultancy in software development to several IT firms.

