



Fundamentals of Digital Electronics

Author :	Aditya Chaturvedi
ISBN 13 :	978-81-87325-73-4
ISBN 10 :	81-87325-73-9
E-ISBN 13 :	978-81-87325-73-4
Edition :	1
Pages :	360
Type of book :	Paperback
Weight (g) :	100.00
Year :	2016
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 250.00
Categories :	Electrical, Electronics & Communication Engineering
Condition Type :	New
Country Origin :	India

Product Description

This book is primarily written for the BE/ B. Tech students of IT, computer, Electrical & Electronics & communication Engineering branches, who study this subject in 3rd, 4th semester and practically covers the course prescribed by all major universities. The language is kept simple and conversational so that all students can follow the book easily. The book will also be useful for students of other engineering branches and students of MCA, BCA, PGDCA etc. Who also study part of this subject like Boolean algebra, logic gates, number system etc. as a part of their syllabus. The book has large number of solved problems as well as assignments with their solutions given at the end of the book to assist the students in better understanding of the various topics.



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: Number System. **Chapter 2:** Binary Codes. **Chapter 3:** Radix Arithmetic. **Chapter 4:** Basic Logic Gates. **Chapter 5:** Boolean Algebra. **Chapter 6:** Simplification. **Chapter 7:** Arithmetic Circuits. **Chapter 8:** Multiplexer **Chapter 9:** Decoders. **Chapter 9:** Encoders. **Chapter 11:** Sequential Circuits. **Chapter 12:** Counters and Registers. **Chapter 13:** Analysis of Sequential Circuits. **Chapter 14:** Hazards. **Chapter 15:** Logic Families. **Chapter 16:** ADC/DAC : Solved Questions-Answers.

Author

Aditya Chaturvedi Aditya Chaturvedi is a graduate of I.I.T. Kharagpur with more than 30 years of experience in Industry and in Teaching. At present he is working as a faculty at MIT, Kota.

