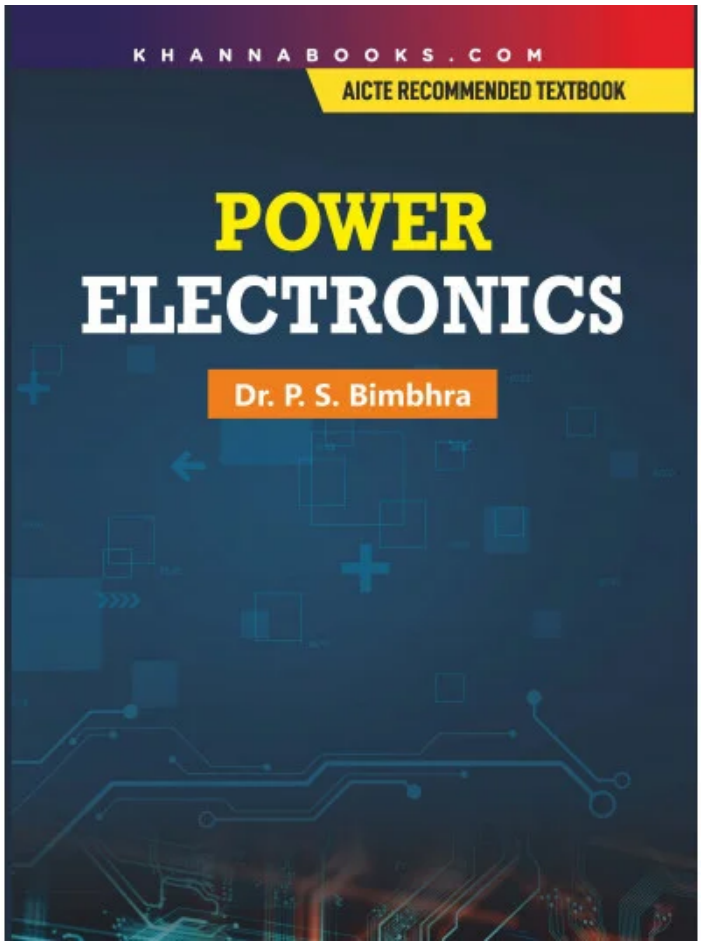

Power Electronics (Hardbound)| AICTE Recommended

Author :	P.S. Bimbhra
ISBN 13 :	978-93-55381-94-1
ISBN 10 :	93-55381-94-8
E-ISBN 13 :	978-93-55381-94-1
Edition :	First
Pages :	1004
Type of book :	Hardbound
Weight (g) :	2000
Year :	2023
Language :	English
Publisher :	Khanna Publishing House
Regular Price :	~~Rs 2,995.00~~
Sale Price :	Rs 2,396.00
Categories :	All books, Electrical, Electronics & Communication Engineering, Electrical, Electronics & Communication Engineering, Hardbound Books
SKU :	1725727625
Condition Type :	New
Country Origin :	India

Product Description

This book is designed to sever a textbook for the students of engineering studying a course on power Electronics. It provides a lucid and comprehensive treatment of the topics covered in the book.

A large number of illustrative figures and a wide variety of worked examples add to the clarity of subject mater. This book would be found suitable as a textbook for the students pursuing courses in the areas of the Electrical, Electronics, Instrumentation, Telecommunications and Mechatronics.

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

1- Introduction

2- Power Semiconductor Diodes and Diode Circuits

3- Diode Rectifiers

4- Power Transistors

5- Thyristors

6- Phase Controlled Rectifiers

7- DC Choppers

8- Inverters

9- AC Voltage Controllers

10- Cycloconverters

11- Some Applications

12- Electric Drives

13- Power Factor Improvement

14- Switching Mode DC-DC Converters

15- Power Supplies

16- Flexible AC Transmission Systems

* Appendix A: Fourier Analysis

* Appendix B: Laplace Transforms

* Appendix C: Some Useful Functions

* Appendix D: References

* Index

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

About the Book

This book is designed to sever a textbook for the students of engineering studying a course on power Electronics. It provides a lucid and comprehensive treatment of the topics covered in the book.

A large number of illustrative figures and a wide variety of worked examples add to the clarity of subject mater. This book would be found suitable as a textbook for the students pursuing courses in the areas of the Electrical, Electronics, Instrumentation, Telecommunications and Mechatronics.

Author

- **P.S. Bimbhra**

  Dr. P.S. Bimbhra retired as a professor of Electrical and Electronics Engineering from T.I.E.T. Patiala. A graduate of Punjab Engineering College, Chandigarh, he received his M.E. (Hons.) and Ph.D. from IIT Roorkee. He is fellow of the Institution of Engineers and a life member of ISTE. His areas of current interests include Electrical Machines, Power Electronics and Electric Drives.

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