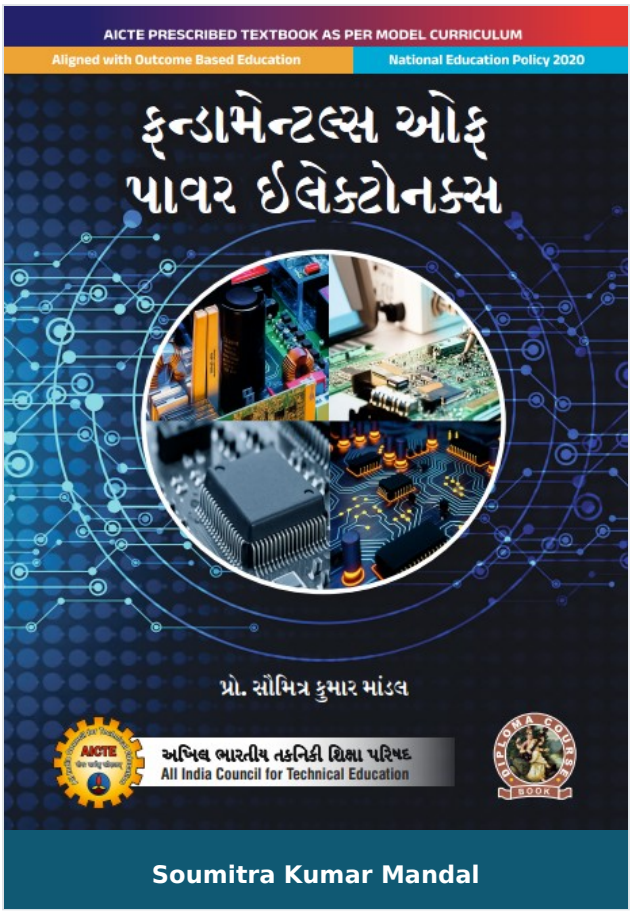


Fundamentals of Power Electronics

Author :	Soumitra Kumar Mandal
ISBN 13 :	978-93-55386-31-1
ISBN 10 :	9355386311
E-ISBN 13 :	978-93-55386-31-1
Edition :	First
Pages :	252
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 398.00
Categories :	AICTE Prescribed Textbooks, Gujarati Books, Book Store
Condition Type :	New
Country Origin :	India

Product Description

Fundamentals of Power Electronics

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

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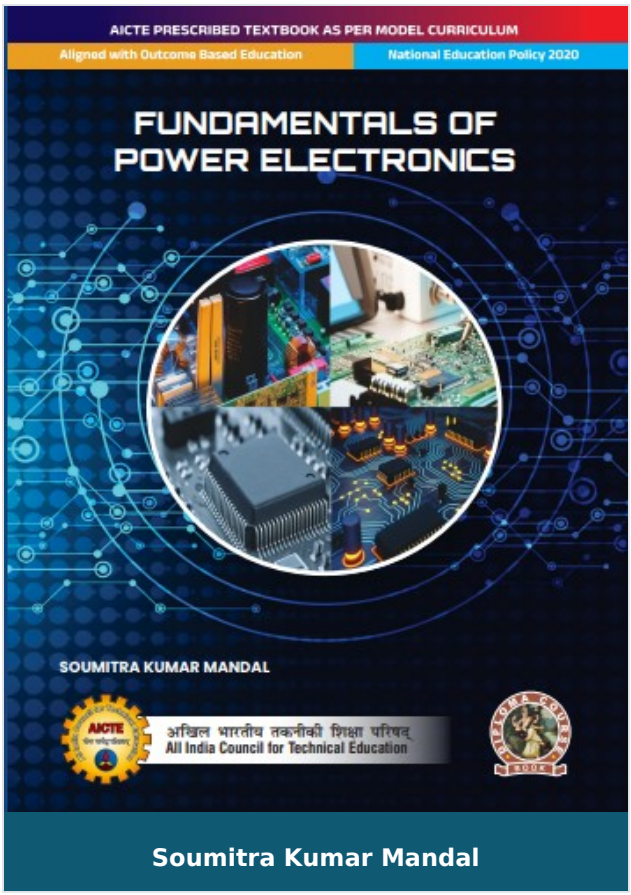
Soumitra Kumar Mandal

Prof. Soumitra Kumar Mandal Professor of Electrical Engineering National Institute of Technical Teachers' Training & Research, Kolkata

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Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320



Fundamentals of Power Electronics

Author :	Soumitra Kumar Mandal
ISBN 13 :	978-93-55387-24-0
ISBN 10 :	9355387245
E-ISBN 13 :	978-93-55387-24-0
Edition :	First
Pages :	340
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 598.00
Categories :	AICTE Prescribed Textbooks, English Books, Book Store
Condition Type :	New
Country Origin :	India

Product Description

Fundamentals of Power Electronics

The Fundamentals of Power Electronics are well established and nowadays all power electronics devices are used in control of ac and Household applications. It is essential for ECE, Industrial Electronics, EEE and Electrical diploma holders. This book is basic for new learners. This book introduces the concept of power electronics, construction, working principle, V-1 characteristics of power semiconductor devices such as power BJT, Power MOSFET, IGBT, Thyristor, SCR, LASCR, SCS, GTO, UJT, PUT, DIAC and TRIAC, SET and Nano-technology, turn-on and turn-off methods of thyristors, different triggering circuits, commutation

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Author

Soumitra Kumar Mandal

Prof. Soumitra Kumar Mandal Professor of Electrical Engineering National Institute of Technical Teachers’ Training & Research, Kolkata

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