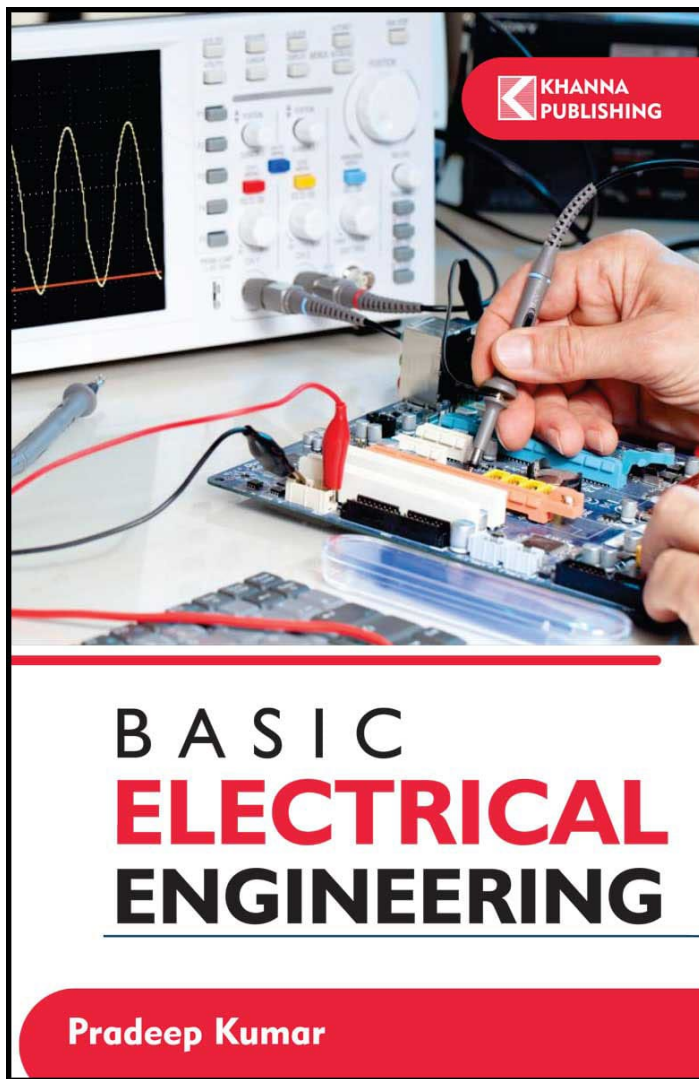




Basic Electrical Engineering

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This book is intended to serve as a textbook for the B. Tech first year students which are common to all branches of engineering of the Uttar Pradesh Technical University (UPTU), Lucknow. This book includes the in-depth knowledge of network theorems, electric machines, and power systems. In this book the basic concepts, principles are clearly explained.

Table of Contents

Chapter 1: Fundamental of Electric Circuits. **Chapter 2:** Network Theorem. **Chapter 3:** Steady State Analysis of Single Phase Ac Circuit. **Chapter 3:** Complex Number. **Chapter 5:** Three Phase System. **Chapter 6:** Magnetic Circuits. **Chapter 7:** Transformers. **Chapter 8:** Electric Machines. **Chapter 9:** Measuring Instruments. **Chapter 10:** Introduction to Power System.

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