



# Electrical Machines-I

G.C. Garg, P.S. Bimbhra

## Electrical Machines - I

<b>Author :</b>	G.C. Garg
<b>ISBN 13 :</b>	978-93-86173-44-7
<b>ISBN 10 :</b>	93-86173-44-1
<b>E-ISBN 13 :</b>	978-93-86173-44-7
<b>Edition :</b>	First
<b>Pages :</b>	480
<b>Type of book :</b>	Paperback
<b>Weight (g) :</b>	660.00
<b>Year :</b>	2025
<b>Language :</b>	English
<b>Publisher :</b>	Khanna Publishing House
<b>M.R.P :</b>	Rs 429.00
<b>Categories :</b>	<a href="#">Electrical, Electronics &amp; Communication Engineering</a>
<b>Condition Type :</b>	New
<b>Country Origin :</b>	India

## Product Description

This book is written so that it serves as a text book for B.E./B. Tech degree students in general and for the institutions where AICTE model curriculum has been adopted. TOPICS COVERED IN THIS BOOK:- 1. Magnetic field and Magnetic circuit 2. Electromagnetic force and torque 3. D.C. Machines 4. D.C. Machines-Motoring and Generation SALIENT FEATURES:- 1. Self-contained, self-explanatory and simple to follow text. 2. Numerous worked out examples. 3. Well Explained theory parts with illustrations. 4. Exercises, objective type question with answers at the end of each chapter.

## Table of Contents

**Chapter 1:** Magnetic Fields and Magnetic Circuits. **Chapter 2:** Electromagnetic Force and Torque. **Chapter 3:** The Direct Current Machines. **Chapter 4:** DC Machine-Motoring and Generation. **Chapter 5:** Transformers.

**Khanna Publishing House**

4C/4344, Ansari Road, Daryaganj, New Delhi-110002

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



---

## Authors

---

**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.

**Prof. G.C. Garg** retired as registrar from the Technical Education Department Haryana, Chandigarh. Before that he was Head of Dept. In Electrical Engineering at Govt. Institution of Engineering Ambala City, Haryana. After Graduation in Electrical Engineering he has gone 2½ years regular advance course in Electrical Engineering with specialization of Electrical Machines in T.T.T.I. Chandigarh in collaboration with Netherlands Govt. under the guidance of Prof. B. Mone who was authority in Electrical Machines and Electrical Power. He has also undergone one and a half year Industrial/Power Projects/Field and Transmission & Distribution Power Stations. He is fellow of the Institution of Engineers (India).

---

