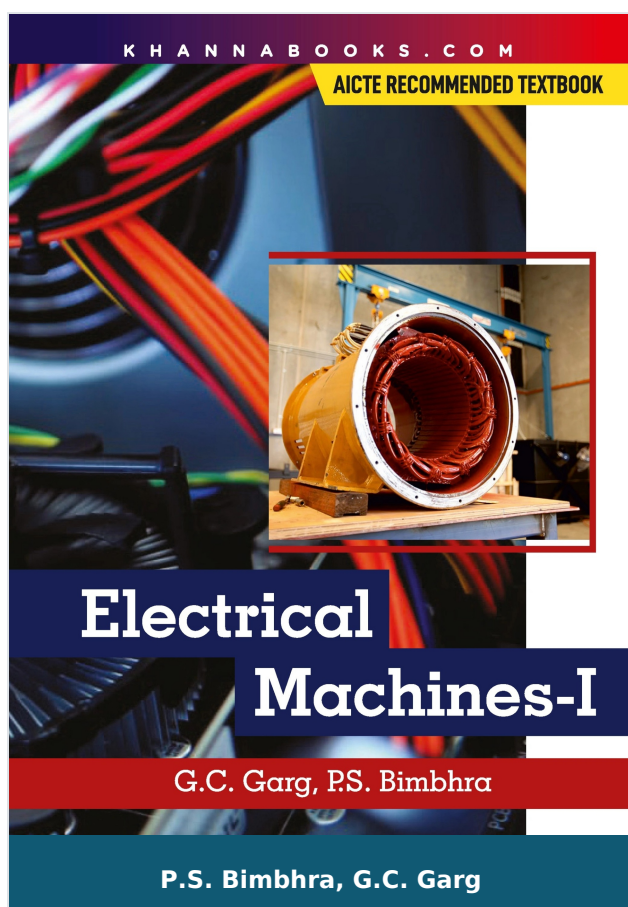




## Electrical Machines - I

**Author :** P.S. Bimbhra, G.C. Garg

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## Product Description

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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

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- 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

## Author

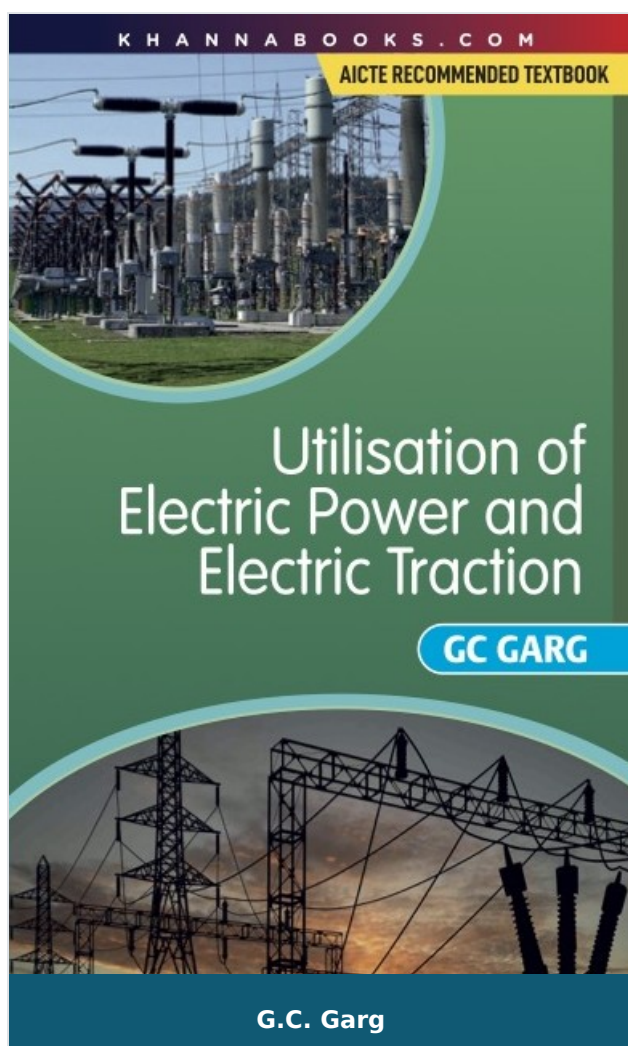
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Dr. P.S. Bimbhra retired as a professor of Electrical and Electronics Engineering from T.I.E.T. Patiala. A graduate of Punjab Engineering College, Chandigarh, he received his M.E. (Hons.) and Ph.D. from IIT Roorkee. He is fellow of the Institution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

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## Utilisation of Electric Power and Electric Traction

|                         |                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------|
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## Product Description

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A Text Book of Utilization of Electric Power and Electric Traction which is prepared on the basis of Engineering scientific study covering the syllabi of all the universities running electrical engineering courses, Engineering colleges and Technical Education Boards of all the states in India. This book is also meets the requirement of Foreign Universities where this subject is taught.

## Table Of Contents

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- Industrial Utilization
- Control of Industrial Motors
- Electric Heating
- Electric Welding
- Illumination
- Electrolytic Process
- Refrigeration and Air Coditioning
- Electric Traction
- Economic Aspects
- Objective Type Questions of Industrial Utilisation

## Author

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