

PREFACE TO THE REVISED EDITION

This revised and enlarged edition of the book covers the latest syllabus, of Diploma in Electrical Engineering of most of the technical boards in India, engineering degree of technical universities and AMIE (India). In addition to the previous chapters of the old book, five new chapters have been added so as to meet the latest syllabus requirements. Few commonly used symbols and also few solved examples have been added in number of old chapters.

Rate of schedule and costing of all the estimates have been revised as per latest market rates.

I hope this revised book will be very useful to the students of Polytechnics, BE and AMIE.

I am very thankful to Shri R.K. Mehta the Publisher with whose personal untiring interest, the revised book has been brought out in a very short period and in very nice get up.

Comments and suggestions are welcome from the readers.

—C.R. DARGAN

PREFACE

This book covers the latest syllabus of Electrical Engineering Diploma of all the State Technical Boards, Engineering Degree of all the Indian Universities and AMIE (India).

The salient features of this book are :

1. A large number of electrical and electronic symbols and abbreviations have been given in Chapter One.
2. Various types of Power Plants and Sub-stations have been discussed in Chapter Two. These are rarely available in the books dealing with the same subject.
3. Elements of lines, essential for bringing electrical energy from distant power plant to consumers, have been discussed in Chapter Three and Four.
4. To relieve the students from purchasing a separate book for estimating and costing, this topic has been discussed in detail along with various solved examples of preparing estimates for buildings and industries.
5. Chapters Six to Nine of this book cover the vital concept of drawing of electrical machines parts and their assembly. These Chapters also contain winding examples for both DC and AC machines.
6. Constructional details of various electrical instruments have been given in Chapter Ten.
7. Chapter Eleven consists various circuits, which have practical utility and are very important from practical application point of view.

I hope that this book will prove very useful to the students of Polytechnics, BE & AMIE (India) and practicing engineers as well.

I am very thankful to Shri R.K. Mehta, the publisher, with whose help and personal untiring interest, the book has been brought out in a very short period and in very nice get up.

Comments and suggestions are welcome from the readers.

—C.R. DARGAN

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