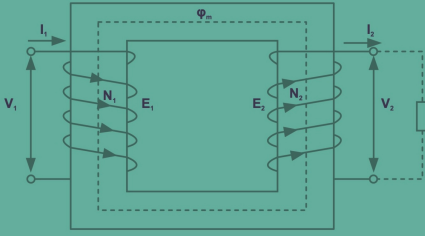


AICTE মডেল পাঠ্যক্রম অনুযায়ী নির্ধারিত পাঠ্যপুস্তক

ফলাফল ভিত্তিক শিক্ষার সাথে সংযুক্ত

জাতীয় শিক্ষা নীতি 2020

ইলেকট্রিকাল এবং ইলেকট্রনিক্স
ইঞ্জিনিয়ারিং এর
মৌলিক বিষয়
(ল্যাব ম্যানুয়াল সহ)



সুমান এস ম্যাথিউ
সাজি টি. চাকো

Fundamentals of Electricals & Electronics Engineering (with Lab Manual) (Bengali)

Author : Saji T. Chacko

ISBN 13 : 978-93-55381-45-3

ISBN 10 : 93-55381-45-X

E-ISBN 13 : 978-93-55381-45-3

Edition : First

Pages : 212

Type of book : Paperback

Year : 2022

Language : Bengali

Publisher : Khanna Publishing House

Regular Price : Rs 294.00

Sale Price : Rs 235.20

Categories : [AICTE Prescribed Textbooks](#), [All books](#), [Bengali Books](#)

Condition Type : New

Country Origin : India



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

Product Description

“**Fundamentals of Electrical & Electronics Engineering**” is a compulsory paper for the first year Diploma course in Engineering & Technology Syllabus of this book is strictly aligned as per model curriculum of AICTE, and academic content is amalgamated with the concept of outcome based education.

Books covers six topics- Overview of Electronics Components and Signals. Overview of Analog Circuits. Overview of Digital Electronics, Electric and magnetic Circuits, A.C. Circuits and Transformer and Machines. Each topic is written in easy and lucid manner. A set of exercises at the end of each units to test the student’s comprehension is provided.

Some salient features of the book:

| Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes and Unit Outcomes.

| The practical applications of the topics are discussed along with micro projects and activities for generating further curiosity as well as improving problem solving capacity.

| Book provides lots of vital facts, concepts, principles and other interesting information.

| QR Codes of video resources and websites to enhance use of ICT for relevant supportive knowledge have been provided.

| Student and teacher centric course materials included in book in balanced manner.

| Figures, tables, equations and comparative charts are inserted to improve clarity of



Table of Contents

Foreword,
Acknowledgement,
Preface,
Outcome Based Educations,
Course Outcomes,
Abbreviations and symbols,
List of Figures,
Guidelines for Teachers,
Guidelines for Students,
Unit 1: Overview of Electronic Components and Signals.
Unit 2: Overview of Analog Circuits.
Unit 3: Overview of Digital Electronics.
Unit 4: Electric and Magnetic Circuits.
Unit 5: AC Circuits.
Unit 6: Transformer and Machines.
Appendices
Answer to Objective Questions
Reference for Further Learning
Co and PO Attainment Table
Index

Author

Susan S. Mathew Susan S. Mathew **Saji T. Chacko** Saji T. Chacko </p>

