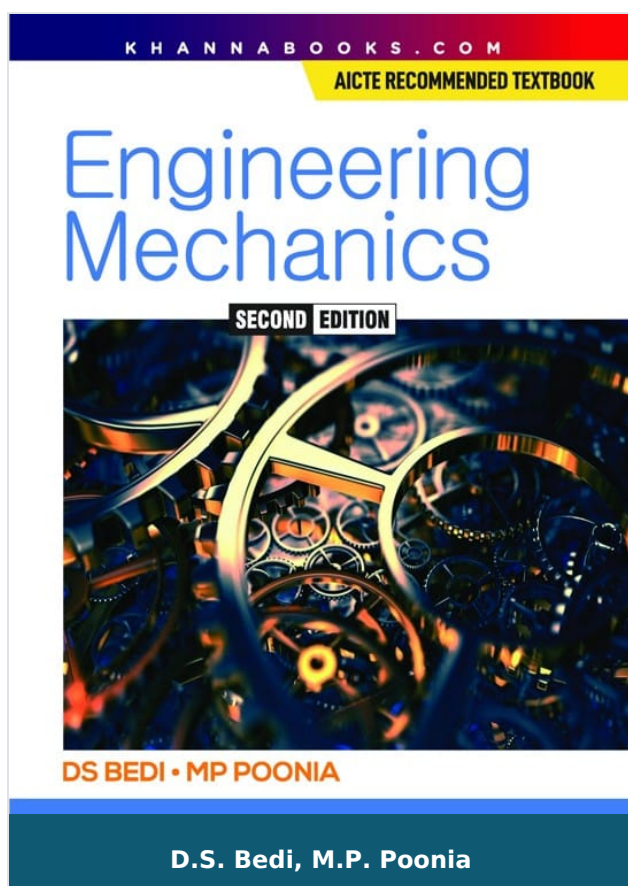




Engineering Mechanics

Author :	D.S. Bedi, M.P. Poonia
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E-ISBN 13 :	978-93-86173-26-3
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Publisher :	Khanna Publishing House
M.R.P :	Rs 525.00
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Condition Type :	New
Country Origin :	India

Product Description

This book is based on expertise of the authors obtained through their long teaching careers. It is put up in a simple language so that it could cater to one and all.

The attention of the students is drawn to the topics of bending moments and twisting moments which are not properly explained in most of other books. They have been explained with the help of Vectors, which are used to present these quantities in such a way that one can easily distinguish between these two, as what is Bending moments and what is Twisting Motions.

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- Two Dimensional Force System
- Friction
- Shearing Force and Bending Moment in Beams
- Truss
- Centroid, Centre of Gravity, Second Moment of Area and moment of Inertia
- Kinematics of Rigid Body
- Kinetics of Rigid Bodies
- Simple Stress and Strain
- Elastic Constants, Complex Stresses and Strain Energy
- Pure Bending of Beams
- Torsion
- INDEX
- IMPORTANT MATHEMATICAL FORMULAE

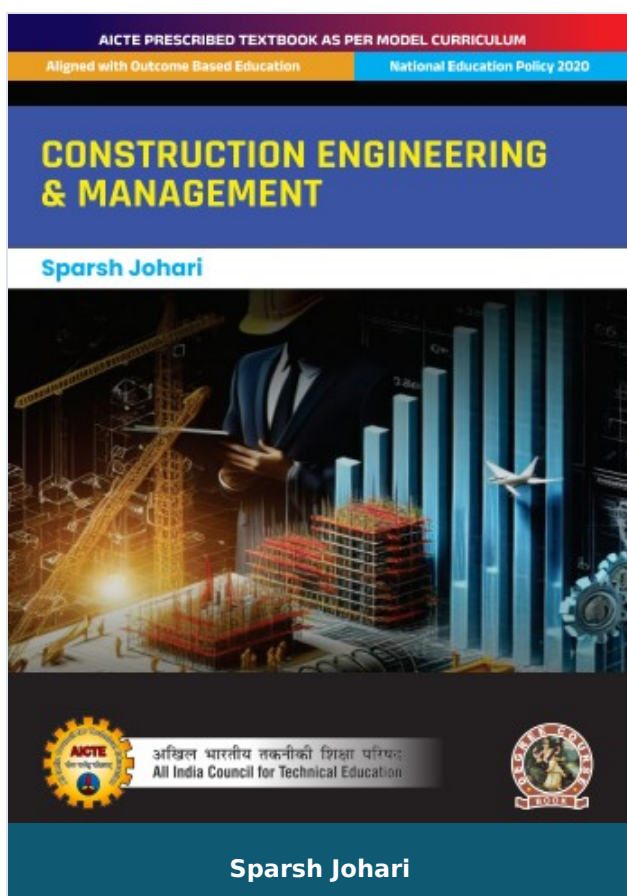
Author

D.S. Bedi

Dr. D.S. Bedi is one of the distinguished writers in India. He possesses a very excellent academic background. He had held various high positions viz. formerly Professor Emeritus at Department of Mechanical Engineering, Institute of Engineering and Technology (Punjab); Professor & Head, Dept. of Mechanical Engineering, Thapar Institute of Engineering & Technology (Punjab); Visiting Professor at Wayne State University, Detroit, MI (USA); Principal, Baba Banda Singh Bahadur Engineering College, (Punjab); Advisor-cum-Consultant at G.G.S. College of Modern Technology (Punjab); Director, Punjab College of Engineering; Technology, Punjab.

M.P. Poonia

Dr. M.P. Poonia is presently serving as Vice Chairman, All India Council for Technical Education (AICTE). Prior to this, he remained as Director, National Institute of Technical Teachers' Training and Research (NITTTR), Chandigarh. Dr. Poonia is the recipient of Bharat Mata Award conferred by Indian Institute of Oriental Heritage (an International Institute of Oriental Studies and Research, Kolkata. Dr. M.P.Poonia is specialized in the field of Mechanical Engineering. He possesses a vast experience of 30 years. He has published 80 research papers in National and International Journals and published 8 books with M/s. Khanna Book Publishing Company.



Construction Engineering & Management

Author : Sparsh Johari

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E-ISBN 13 : 978-93-55385-30-7

Edition : First

Pages : 308

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Publisher : Khanna Publishing House

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

Product Description

Construction Engineering & Management

“Construction Engineering & Management” is a field that encompasses the planning, design, construction, and management of infrastructure projects. This book typically covers various topics relevant to the construction work. It includes introduction to construction materials, methods, and techniques commonly used on construction sites. In addition, concepts such as scheduling, cost estimation, resource allocation, risk management, safe working environment, and quality control are also included.

Salient Features:

- Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes and Unit Outcomes.
- In the beginning of each unit learning outcomes are listed to make the student understand what is expected out of him/her after completing that unit.
- Book provides lots of recent information, interesting facts, QR Code for E-resources.
- Student and teacher centric subject materials included in book with balanced and chronological manner.
- Figures, tables, and photographs are inserted to improve clarity of the topics.
- Question are given for practice of students after every chapter.
- Solved numerical problems are illustrated in the chapters.

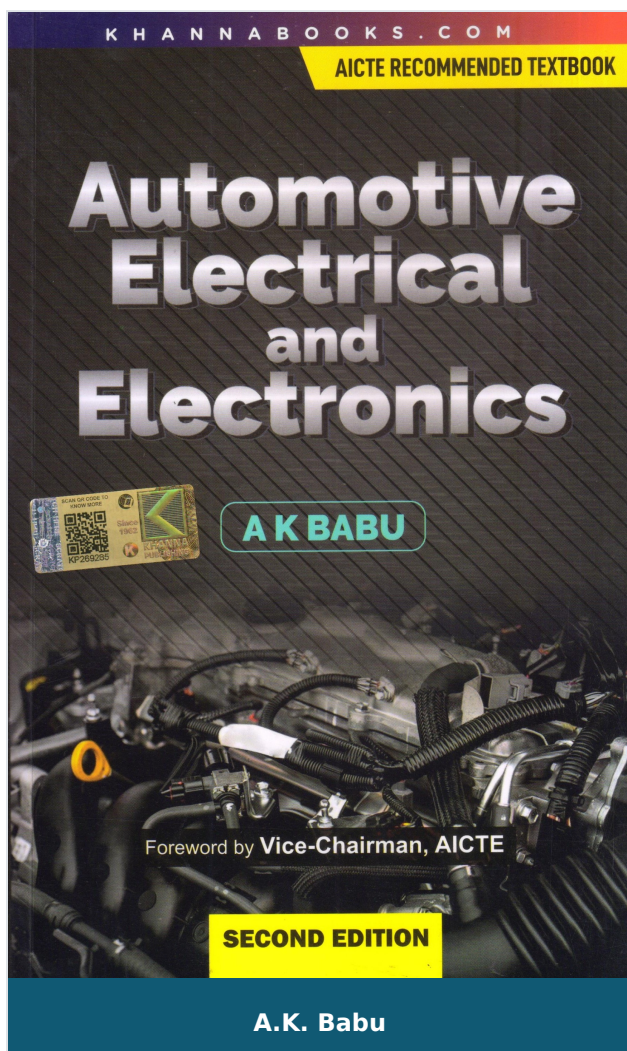
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- Preface
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- Guidelines for Teachers
- Guidelines for Students
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- List of Tables
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- CONSTRUCTUIN METHODS BASICS
- CONSTRUCTION EQUIPMENT BASICS
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- CONTRACTS MANAGEMENT BASICS
- CONSTRUCTION COSTS
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- INDEX

Author

Sparsh Johari

Dr. Sparsh Johari Assistant Professor Department of Civil Engineering, Indian Institute of Technology Guwahati, Assam



Automotive Electrical and Electronics

Author :	A.K. Babu
ISBN 13 :	978-93-82609-69-8
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Edition :	Second
Pages :	380
Type of book :	Physical
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Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

Product Description

Automobile engineering is a field that has been witnessing tremendous technological developments in recent years, noteworthy among them being next generation hybrid cars and self-driving cars. This book is designed for students who take up the study of the subject 'Automotive Electrical and Electronics' as part of the curriculum requirements of the Automobile Engineering Degree as per the latest revised syllabus of all Indian Universities. The book offers a clear introduction to the Electrical and Electronics Components and Systems used in modern today's vehicles with the aid of several illustrations to facilitate easy comprehension and full understanding. It is anticipated that this comprehensive book will be a valuable source of information and reference to not only undergraduate and postgraduate students but also to the teaching fraternity. Key topics are given due emphasis and important concepts are reinforced with the help of numerous illustration enabling better understanding. It is sincerely hoped that this resource and reference book, written with the intention to provide a sound grounding, will ignite young minds and spark the desire for learning.

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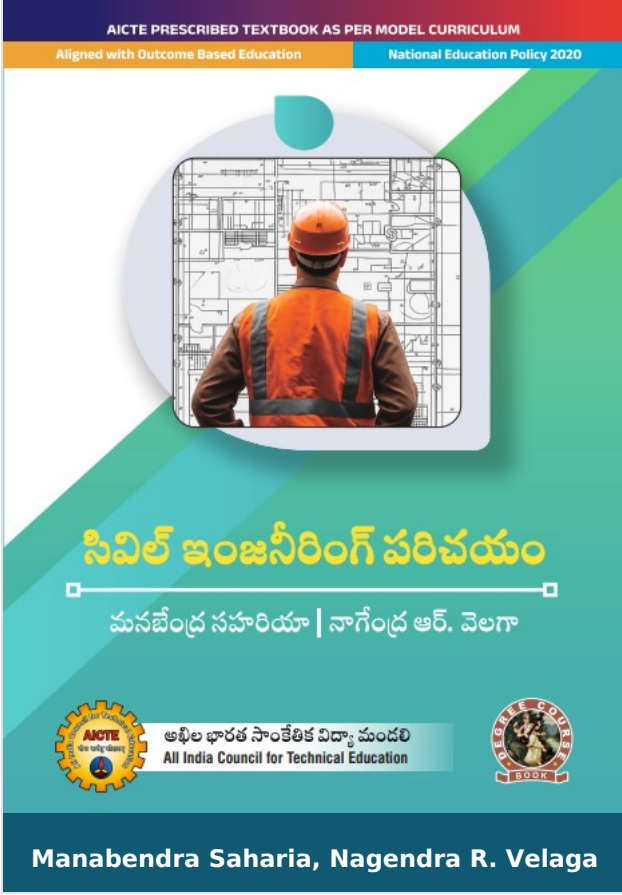
- Fundamentals of Electricity
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- Vehicle Electrical System
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- Electronic Ignition System
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- Electronic Engine Management
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- Safety and Warning Systems

- Chapter
- Microcomputer Controlled Devices
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Author

A.K. Babu

A.K. Babu A.K.Babu is working as Associate Professor in the Department of Automobile Engineering, SRM Easwari Engineering College, Chennai, India. He has over 18 years of experience in teaching, research and industry. A.K.Babu, completed his Master Degree in Automobile Engineering from Madras Institute of Technology (M.I.T.), Anna University (1997). He has served in other countries like Malaysia, Ethiopia and Eritrea for more than 5 years. A.K.Babu has published considerable number of research papers in international journals and conferences. His research paper published in SAE Journal of Fuels and Lubricants awarded one the most outstanding papers in the year 2003.



Introduction to Civil Engineering

Author :	Manabendra Saharia, Nagendra R. Velaga
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Publisher :	Khanna Publishing House
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Condition Type :	New
Country Origin :	India

Product Description

Introduction to Civil Engineering

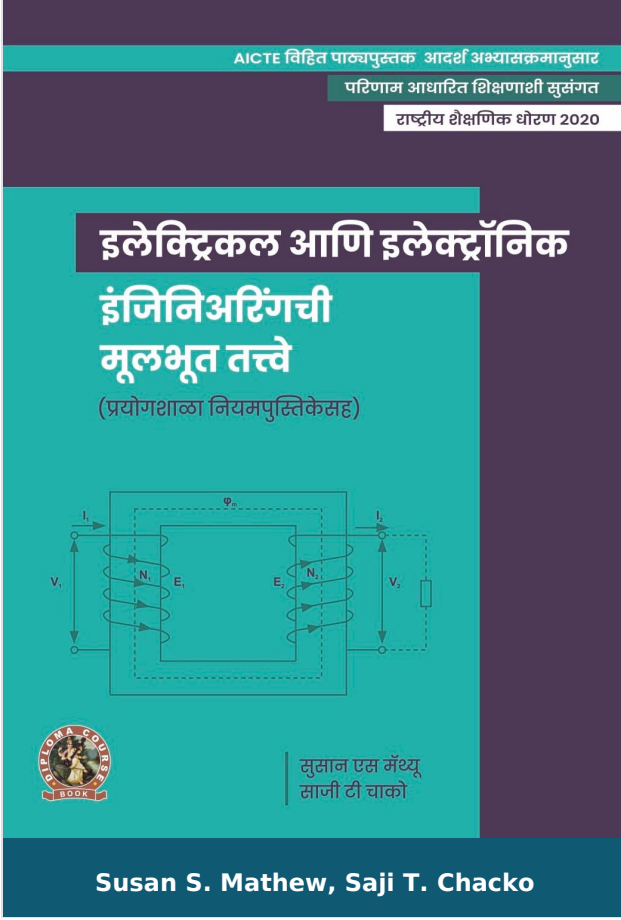
Author

Manabendra Saharia

Prof. Manabendra Saharia Assistant Professor, Department of Civil Engineering Prof.

Nagendra R. Velaga

Prof. Nagendra R. Velaga Professor, Department of Civil Engineering



Fundamentals of Electrical and Electronics Engineering (with Lab Manual)

Author :	Susan S. Mathew, Saji T. Chacko
ISBN 13 :	978-93-55380-44-9
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E-ISBN 13 :	978-93-55380-44-9
Edition :	First
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Year :	2022
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 395.00
Categories :	AICTE Prescribed Textbooks, Marathi Books, Book Store, Ebooks
Condition Type :	New
Country Origin :	India

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:

1. Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes and Unit Outcomes.
2. 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.
3. Book provides lots of vital facts, concepts, principles and other interesting information.
4. QR Codes of video resources and websites to enhance use of ICT for relevant supportive knowledge have been provided.
5. Student and teacher centric course materials included in book in balanced manner.
6. Figures, tables, equations and comparative charts are inserted to improve clarity of the topics.
7. Objective questions and subjective questions are given for practices of students at the end of each unit.

8. Solved and unsolved problems including numerical examples are solved with systematic steps.

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

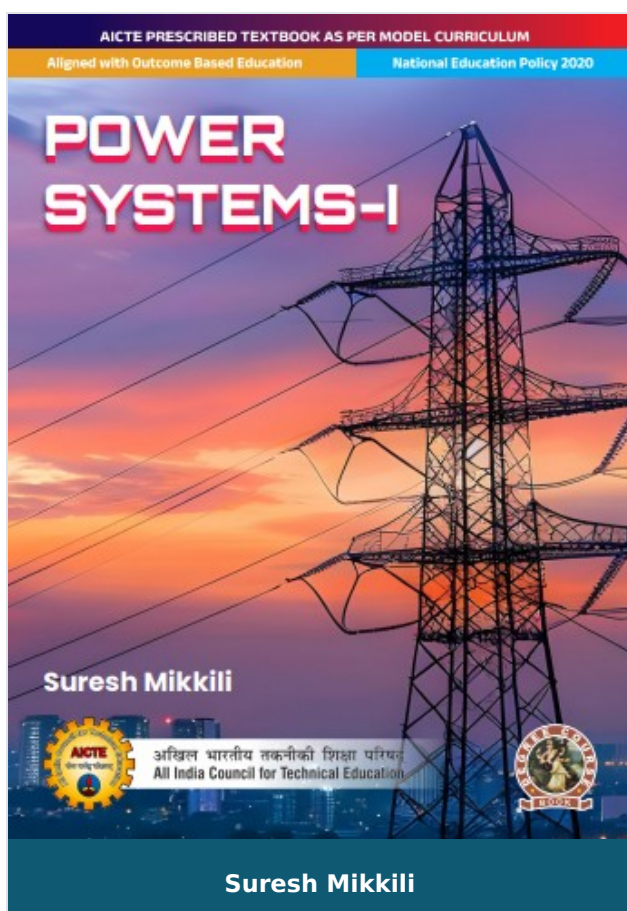
Author

Susan S. Mathew

Susan S. Mathew

Saji T. Chacko

Saji T. Chacko </p>



Power Systems- I

Author :	Suresh Mikkili
ISBN 13 :	978-93-55384-94-2
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Pages :	580
Type of book :	Physical
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Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 899.00
Categories :	AICTE Prescribed Textbooks, English Books, Book Store
Condition Type :	New
Country Origin :	India

Product Description

Power Systems- I

This book gives detailed descriptions of the evolution of power systems, its components, power transmission, power system protection, fault analysis and in corporation of renewable energy systems.

Salient features:

- Content of the book aligned with the mapping course outcomes, programs and Units Outcomes.
- In the beginning of each unit learning outcomes are listed to make the student understand what is expected out of him/her after completing that unit.
- Book provides lots of recent information, interesting facts, QR code for E-resources, QR code for use of ICT, projects, group discussion etc.
- Student and teacher centric subject materials included in book with balanced and chronological manner.
- Figures, tables, and software screen shots are inserted to improve clarity of the topics.
- Apart from essential information a 'know more' section is also provided in each unit to extend the learning beyond syllabus.
- Short questions, objective questions and long answer exercises are given for practice of students after every chapter.
- The book provides QR codes for journal papers of advanced research areas; simulations using MATLAB, PSCAD, Proteus; experiments and additional e-resources including videos, weblinks, etc.

Table Of Contents

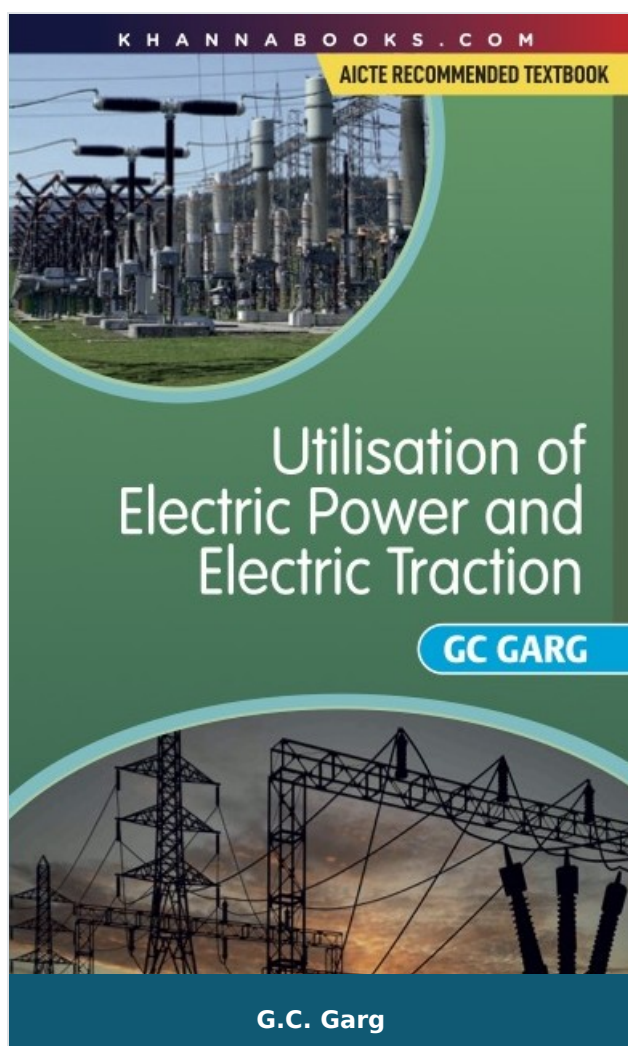
- Foreword
- Acknowledgement
- Preface
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- Transformers
- Synchronous Machines
- Symmetrical Faults
- Symmetrical Components, Unsymmetrical Faults and Sequence Networks
- Circuit Breakers and Neutral Grounding
- Protective Relays
- Protection Of Alternators, Transformers, Busbars and Transmission Lines
- HVDC Transmission
- Photovoltaic Systems
- Wind Energy
- CO and PO attainment table

- Index terms

Author

Suresh Mikkili

Dr. Suresh Mikkili Associate Professor & Head Electrical and Electronics Engineering,
National Institute of Technology Goa



Utilisation of Electric Power and Electric Traction

Author :	G.C. Garg
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Publisher :	Khanna Publishing House
M.R.P :	Rs 625.00
Categories :	Electrical, Electronics & Communication Engineering, Book Store
Condition Type :	New
Country Origin :	India

Product Description

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.

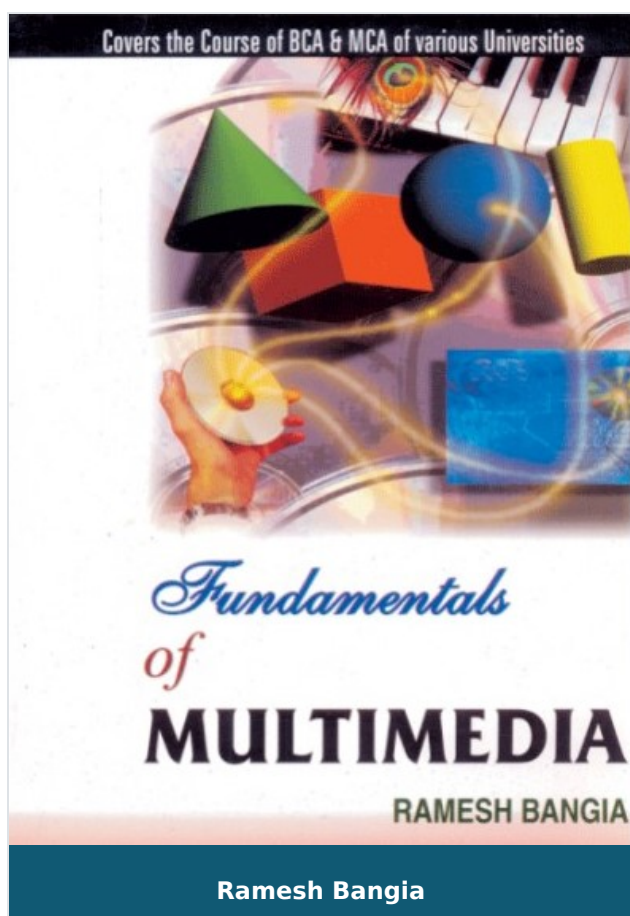
Table Of Contents

- 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

G.C. Garg

Prof. G.C. Garg retired as registrar from the Technical Education Department Haryana, Chandigarh. Before that he was Head of Deptt. 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).



Fundamentals of Multimedia

Author :	Ramesh Bangia
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Edition :	1
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M.R.P :	Rs 245.00
Categories :	Computer Science Engineering, Book Store
Condition Type :	New
Country Origin :	India

Product Description

The book has been designed to take care of the syllabus of various Universities conducting the courses of BCA and MCA having multimedia as one of the subject. Complete syllabus of Guru Nanak dev University and Rajiv Gandhi Praudyogiki Vishya Vidyalya of M.P. has been wonder this subject is taught in all the technical institutes of India. each chapter is laced with screen shots and equations where ever needed. A revision of the chapter appears at the end followed by different type of questions which the students of the subject would find quite useful.

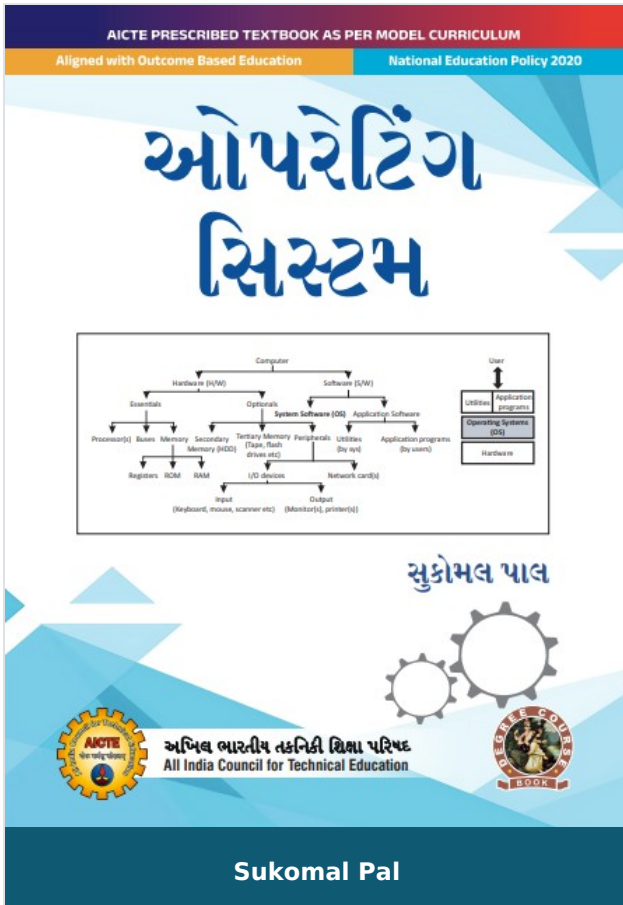
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- Introduction of Multimedia
- Project Stages of Multimedia
- Working with Text
- Making Sound
- Understanding Videos
- Data Compression
- Image and Audio Compression
- Images and Animations
- Working with Animation
- Multimedia and Web

Author

Ramesh Bangia

Ramesh Bangia, has been writing computer books on various topics. He has written books for Schools. Training Institutes, Technical Universities, Distance Education Programs, Colleges and General. His tally of books exceeds 500 in number. Trained both in India and Abroad and having studied at IIT Delhi, he becomes automatic choice for most of the publishers in India. Though based in Delhi, his books are popular all over India and are even exported to Middle East and African countries.



Operating Systems

Author : Sukomal Pal

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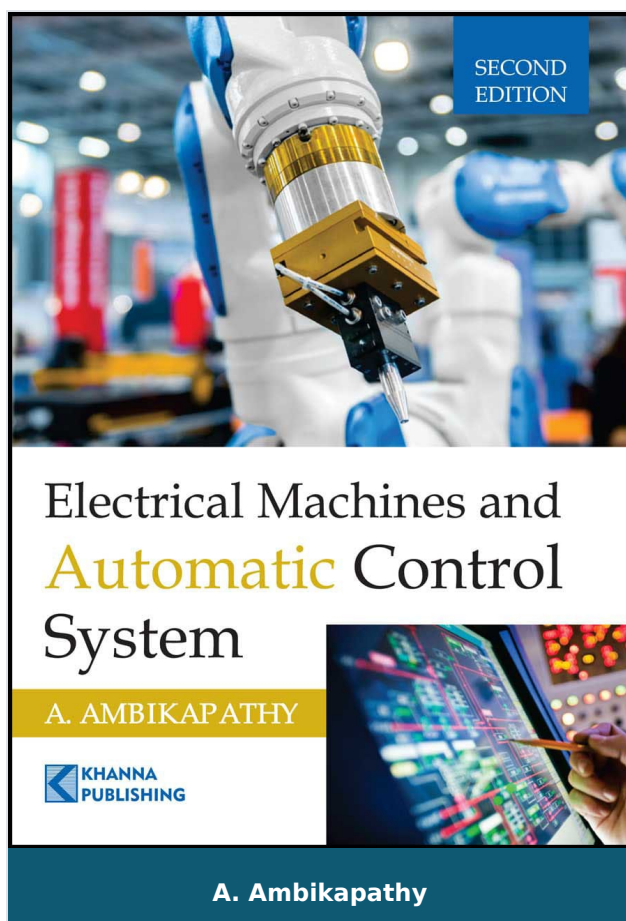
Product Description

Operating Systems

Author

Sukomal Pal

Dr. Sukomal Pal Associate Professor, Department of Computer Science & Engineering IIT
(BHU), Varanasi, UP



Electrical Machines & Automatic Control System

Author :	A. Ambikapathy
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Country Origin :	India

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

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

Product Description

A textbook on "Electrical machines and Automatic control System" has been written for the undergraduate students of mechanical department. The material of this book is very useful to the students for understating the concepts as well as from examination point of view. A number of examples are solved in detailed manner in every unit so that the students can practice more on numerical part. Every unit contains exercise problems with answers which help the students to prepare for their exams. The content of this book is explained in a simple language so that understating will be much easy. I will be thankful to the students and teachers who pinpoint the errors and suggestions for the improvement of the book.

Table Of Contents

- Single Phase Transformer
- Three Phase Induction Motor
- Control System
- Time Response Analysis
- Root Locus Technique

Author

A. Ambikapathy

A. Ambikapathy currently working as an assistant professor in " Galgotia Colege of Engineering and Technology " holds M. Tech degree. She has presented five papers in national level conferences. She worked under three different universities and having ten years of teaching experience.