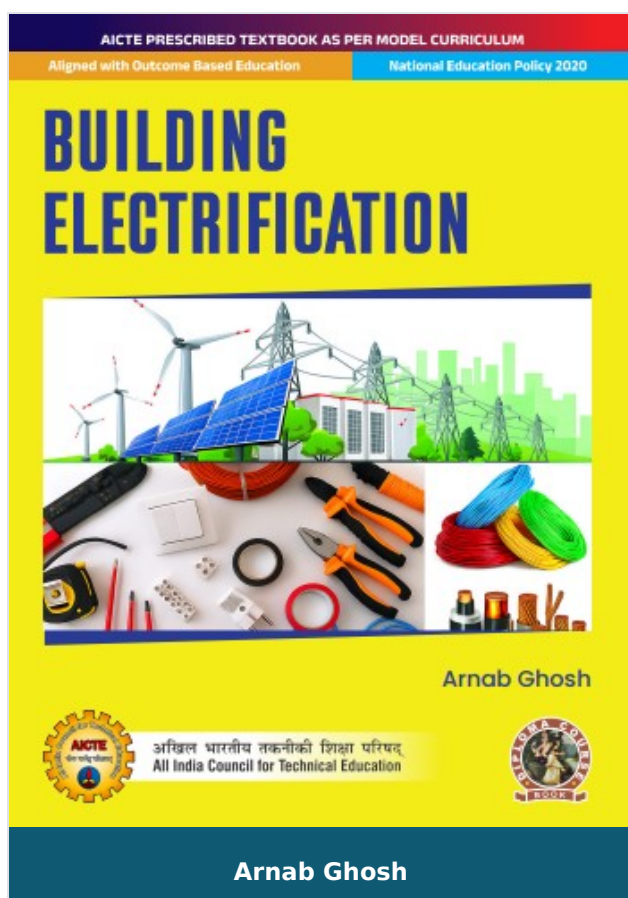




Building Electrification

Author :	Arnab Ghosh
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E-ISBN 13 :	978-93-55383-28-0
Edition :	First
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Khanna Publishing House

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

Product Description

Building Electrification

This book aims to provide readers, especially third-year diploma students, with a thorough knowledge of Building Electrification in the best possible way. The syllabus of this book is as per the AICTE curriculum model, following the National Education Policy 2020. Each book chapter is very lucid, so one can easily understand the underlying concepts. Review questions, exercises, QR codes of online links, and other learning resources follow explanatory examples. The book discusses electrical wiring tools and accessories, electrical wires and underground cables, wiring methods and wiring layout, residential building electrification, protection of electrical installation, and illumination in residential installation.

Salient Features:

- Content of book aligned with the mapping of Course Outcome, Programs Outcomes, and Unit Outcomes.
- At 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 for the use of ICT, projects, group discussion, etc.
- Student and teacher-centric subject materials are included in the book in a balanced and chronological manner.
- Apart from the essential information, a 'know more' section is also provided in each unit to extend the learning beyond the syllabus.
- Multiple choice questions, short and long-answer questions are given in the exercise for students' practice after every chapter.

- Solved and unsolved problems, including numerical examples, are solved systematically.

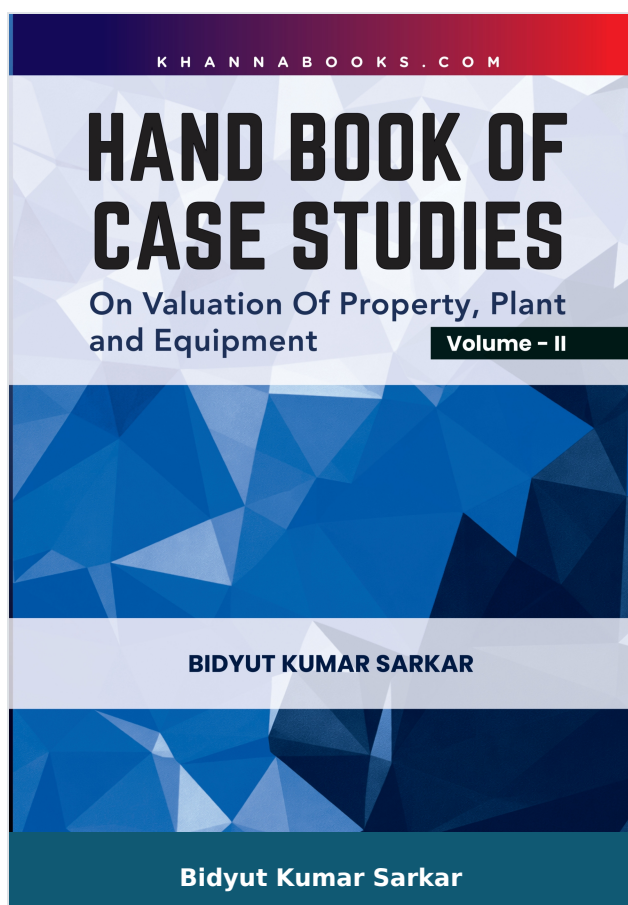
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- WIRING METHODS AND WIRING LAYOUT
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- PROTECTION OF ELECTRICAL INSTALLATION
- ILLUMINATION IN RESIDENTIAL INSTALLATION
- References For Further Learning
- CO And PO Attainment Table
- Index

Author

Arnab Ghosh

Dr. Arnab Ghosh Assistant Professor Department of Electrical Engineering (EE) National
Institute of Technology Rourkela



Handbook Of Case Studies (On Valuation of Property, Plant and Equipment), Volume-2

Author : Bidyut Kumar Sarkar

ISBN 13 : 978-93-74545-09-6

ISBN 10 : 9374545098

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Type of book : Physical

Year : 2026

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 1,450.00

Categories : [New Arrivals, Mechanical Engineering, Book Store](#)

Condition Type : New

Country Origin : India

Product Description

Handbook Of Case Studies (On Valuation of Property, Plant and Equipment), Volume-II

“Hand book of Case Studies: On Valuation of Property, and Equipment (Volume – II)” offers a comprehensive and practical guide for students and professionals aiming to develop expertise in valuation report writing within the field of PPE. Drawing on real-world examples and detailed case studies, the book effectively bridges the gap between valuation theory and practical application, making it an essential resource for practicing valuers. Valuation is a critical skill across many industries, yet the practical aspects of report writing are often underrepresented in traditional education.

This book addresses that gap by providing structured guidance on preparing accurate and reliable valuation reports. It covers key areas such as data collection, analysis of market conditions, valuation methodologies, and adherence to professional standards, with a strong focus on mortgage valuation scenarios. Through its case studies, the book demonstrates how professional judgement, supported by technical knowledge, leads to objective and defensible valuations.

The book also emphasizes the importance of understanding the context of valuation, including the expectations of investors, property owners, and businesses, as well as evolving market conditions. It highlights the role of the valuer as an intermediary who connects clients with market realities and provides insights that support informed financial decision-making. Written in a clear and accessible style, Hand book of Case studies: On Valuation of property, Plant, and Equipment serves both as professional seeking to enhance their skills in property and asset valuation.

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- Revaluation of Property, Plant & Equipment:
- Banarhat Tea Estate, Jalpaiguri, Andrew Yule & Company Ltd., Kolkata
- Revaluation of Property, Plant & Equipment:
- Namring Tea Estate, Darjeeling Tea & Cinchona Association Ltd., Kolkata
- Revaluation of Fixed Assets:
- Quality Gases Pvt. Ltd., Plot No. U-2, Upper Terrace New Industrial Area, Pasakha, Bhutan
- Valuation of Real Property:
- Multi-Storied RCC Framed Hotel Building, PS Bhaktinagar, Dist. Jalpaiguri
- Revaluation of Property, Plant & Equipment:
- RSA Pvt. Ltd., Thimphu, Bhutan
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- Revaluation of Property, Plant & Equipment:
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- Revaluation of Property:
- Risk Inspection Report Tata Metaliks Limited
- Valuation of Property, Plantation, Plant & Equipment:

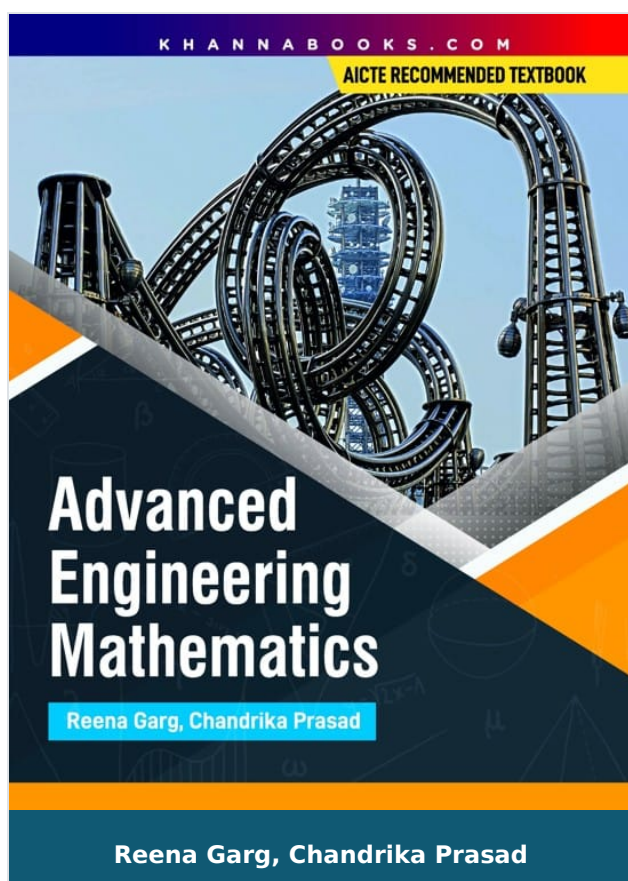
- Karbal Tea Estate, Jalpaiguri, Andrew Yule & Company Ltd., Kolkata
- Valuation of Property, Plantation, Plant & Equipment:
- Banarhat Tea Estate, Jalpaiguri, Andrew Yule & Company Ltd., Kolkata
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- Revaluation of Real Assets, 2021:
- Royal Insurance Corporation of Bhutan Ltd. Thimphu, Bhutan
- Revaluation of Property, Plant & Equipment:
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- Revaluation of Property, Plant & Equipment:
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- Revaluation of Property, Plant & Equipment:
- Samden Vehicles Pvt. Ltd., Babesa Expressway, Thimphu, Bhutan
- Revaluation of Property, Plant & Equipment:
- State Trading Corporation of Bhutan Ltd.

Author

Bidyut Kumar Sarkar

Bidyut Kumar Sarkar , is a former Scientific Officers/Engineering of the Department of Atomic Energy, Govt of India, Mumbai. He is a Chartered Engineer & a Fellow of the Institution of Engineering (India), Institution of Valuers (India), a Member of American Society of Appraisers (USA), A Regd Valuer under section 34 AB of the income tax & Wealth Tax Act 1957, Govt of India. He has been serving last 40 years as a consultant to Govt/Semi Govt/PSU/Corporate clients Spread over India, Bhutan, Nepal, and beyond

which enables him to have a large tapestry of In-depth experience of valuation of tangible & intangible assets involving diverse industries viz, large and medium Hydropower plants, steel plants, steel plants, ferro Silicon and Ferro alloys plants, Ferro Silicon Magnesium plants, Mines & mineral industries. Cement, Chemical & Other Continuous Process Industries, Distilleries, Cigarette manufacturing and Readymade textile plants, wood Based Industries, Rigid PVC Pipes & Films manufacturing plants, food & Milk Processing industries, Real Properties, Five-star hotel (le' Meridien, Thimphu), Tea processing plants & plantation, large automatic particle board and gyp board plants, large residential complexes etc. and boundless creativity by navigating vibrant terrain and cultural nuances of people and places, real and surreal. He did publish a paper on Nuclear Instrumentation & process Control at a National Seminar Organized by BARC, Trombay, Mumbai and a number of books of poems in English.



Advanced Engineering Mathematics

Author : Reena Garg, Chandrika Prasad

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[APPLIED SCIENCES &](#)
[HUMANITIES](#)

Condition Type : New

Country Origin : India

Product Description

This book provides a comprehensive, thorough and up to date treatment of mathematics in engineering and sciences. This is intended to introduce students of engineering, physics, mathematics, computer sciences and other related fields to those areas of applied mathematics that are most relevant for solving practical problems. Practice is the key word in the learning process of mathematics . The aim of this book is to provide a vast knowledge of mathematics and its diverse practical use in daily lives. The course contents in this book are the sole pre-requisites. The experience of the author of more than a decade in teaching at under graduate, post graduate level and in the research areas of mathematics in University makes this book useful.

In this book all the topics and related concepts have been given in a lucid and simple way filling every gap between students and mathematics. A lot of worked examples are given so as to help the readers understand better.

Table Of Contents

- Matrices and ITS Applications
- Application to Geometry
- Coordinate Geometry of Three Dimensions
- Expansion of Functions (Taylor's and Maclaurin's Series)
- Partial Differentiation
- Reduction Formlae: Definite Integrals
- Vector Calculus
- Infinite Series
- Fourier Series
- Differentiation
- Partial Differential Equations
- Function of a Complex Varibale
- Laplace Transforms and ITS Application
- Fourier Transform and ITS Application
- Empirical Laws and Curve Fitting.
- Solution to Numerical, Algebraic and Trabscendental Equation
- Numerical Solution of Ordinary Differential Equations
- Numerical Solution of Ordinary Differential Equations
- Numerical Solution of Partial Differential Equations

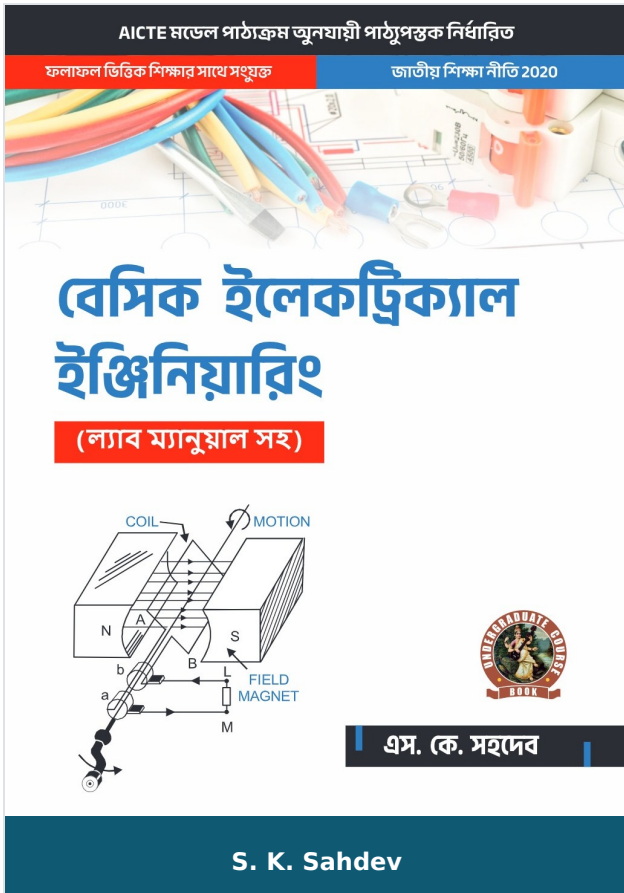
Author

Reena Garg

Dr. Reena Garg , M.Sc. Mathematics (Gold Medalist), M.Phil, Ph.D is Assistant Professor (Mathematics) in YMCA University of Science & Technology, Faridabad (Haryana). She also taught in C.I.T.M. Faridabad (presently known as Manav Rachna International University, Faridabad). Her teaching experience of more than a decade has made this book more valuable for the knowledge seekers. She has published more than 10 research papers in various International Journals. She is a life-time member of Forum of Inter-disciplinary mathematics in India. She is a member of reviewer Board in IJRET, Bangalore.

Chandrika Prasad

Chandrika Prasad



Basic Electrical Engineering (with Lab Manual)

Author :	S. K. Sahdev
ISBN 13 :	978-93-55381-09-5
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M.R.P :	Rs 295.00
Categories :	AICTE Prescribed Textbooks, Bengali Books, Book Store, Ebooks
Condition Type :	New
Country Origin :	India

Product Description

This textbook “Basic Electrical Engineering” is based on the latest syllabus of the Universities AICTE and Educational Institutes. In this edition, some material of the book has been rewritten to make the presentation easily comprehensible. More illustrative examples mainly from IAS, IES and GATE and other competitive examinations have been added. Various problems with answers have been added to support the text. For quick revision, summary/ highlights are given at the end of each chapter.

Salient Features:

1. DC Circuits
2. AC Circuits
3. Transformers
4. Electrical Machines
5. Power Converters
6. Electrical Installations

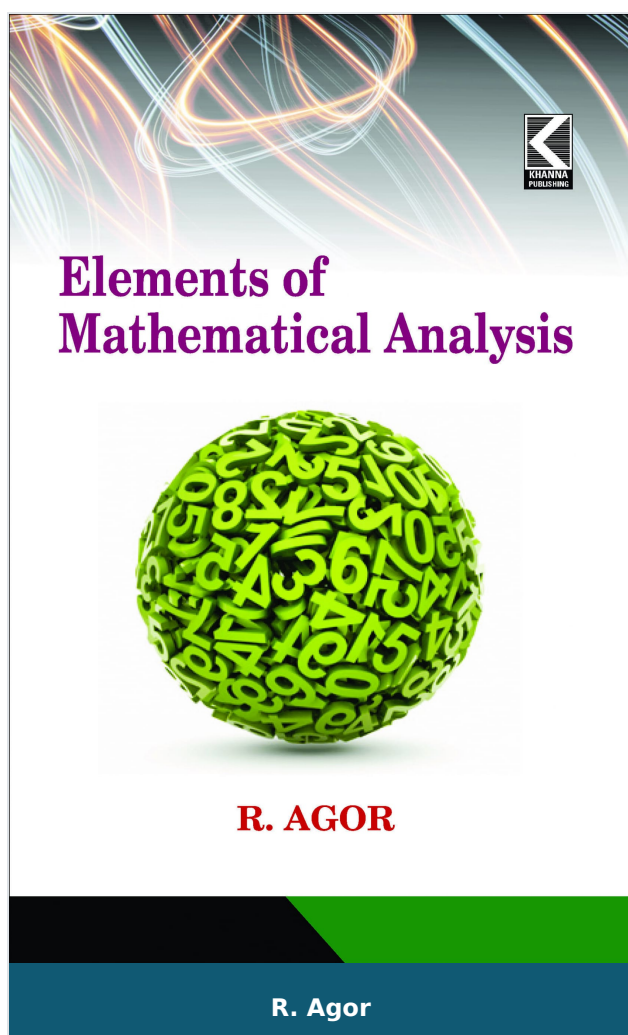
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- Foreword
- Acknowledgement
- Preface
- Outcome Based Education
- Course Outcomes
- Abbreviations and Symbols
- List of Figures
- Guidelines for Teacher
- Guidelines for Students
- DC Circuits.
- AC Circuits.
- Transformers.
- Electrical Machines.
- Power Converters.
- Electrical Installations.

Author

S. K. Sahdev

S. K. Sahdev



Elements of Mathematical Analysis

Author :	R. Agor
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Publisher :	Khanna Publishing House
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Condition Type :	New
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Product Description

This book is intended to serve as a basic text book for the students who attempt to pursue studies at various stages in Scientific and Engineering fields of various Indian Universities. The main aim of this book is to discuss the theory of mathematical analysis and to treat the subject matter rigorously to the beginners, keeping in view of the modern trends of examinations.

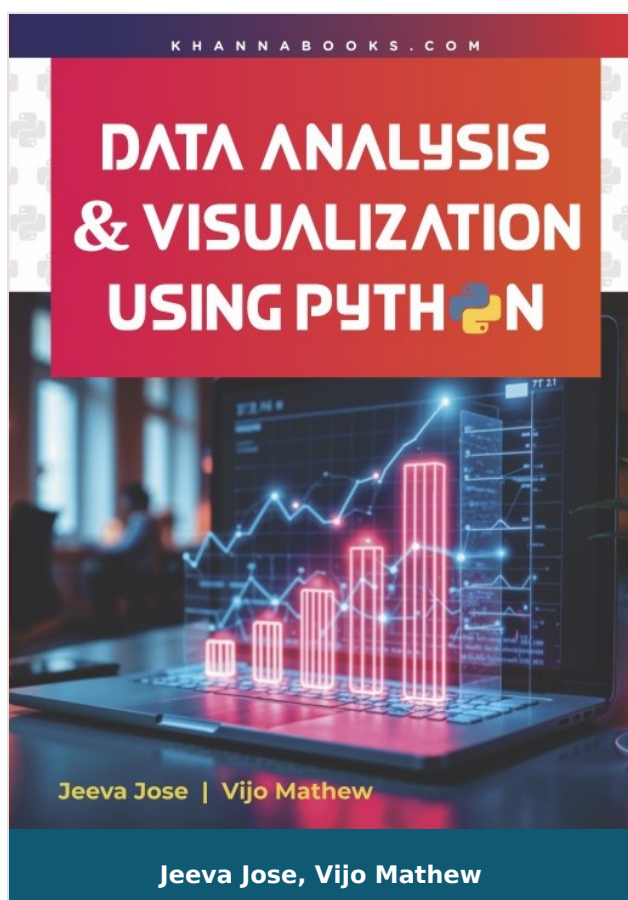
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- Number System
- Determinants
- Matrices
- Eigen Values and Eigen Vectors
- Numerical Analysis
- Linear Programming

Author

R. Agor

R. Agor Lecturer in Civil Engineering (Retd.) Technical Education, Delhi.



Data Analysis & Visualization Using Python

Author :	Jeeva Jose, Vijo Mathew
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Condition Type :	New
Country Origin :	India

Product Description

In The age of data - driven decision-making, the ability to analyze, interpret and visualize data has become an essential skill across disciplines. Whether in Academia, Business, healthcare, or engineering, data analysis enables us to uncover patterns, test hypotheses, and drive actionable insights. this book is designed to guide readers through the statistical data analysis and implementation of charts using python programming for visualization.

Table Of Contents

- Preface
- Introduction to Data Analytics
- Working With Pandas
- Exploring Data frames
- Data Cleaning and Preprocessing
- Data Visualization Using Matplotlib
- Data Visualization Using Seaborn
- Introduction to Plotly
- Probability Distributions
- parametric Tests
- Non-Parametric Tests
- Anova and Regression

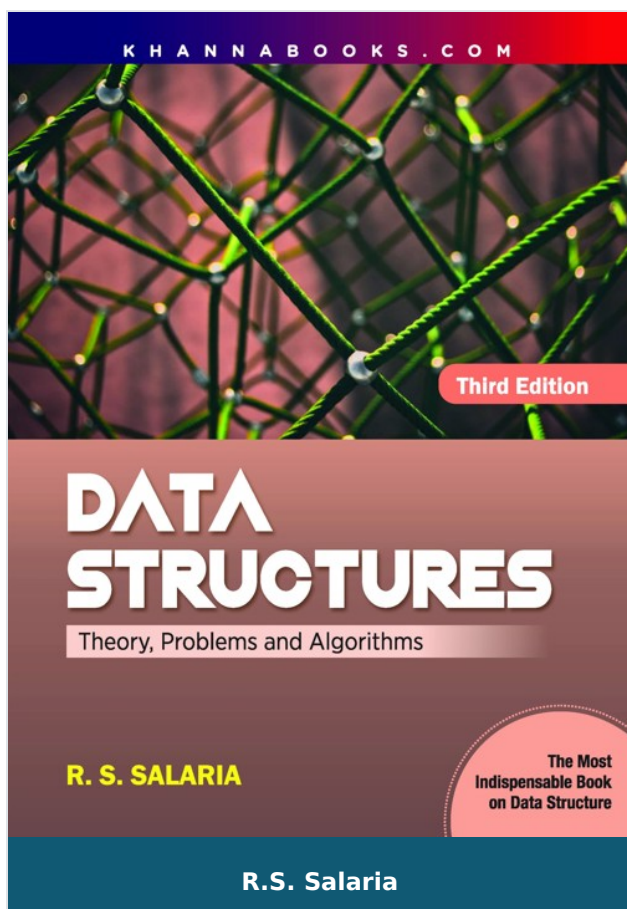
Author

Jeeva Jose

Dr. Jeeva Jose completed Ph. D. in Computer Science from Mahatma Gandhi University, Kerala, India and is a faculty member at BPC College, Kerala. Her passion is teaching and areas of interests include world wide web, Data Mining and Cyber laws. She has been in higher education for the last 15 years and has completed three research projects funded by UGC and KSCSTE. She has published more than twenty research papers in various refereed journals and conference proceedings. She has edited three books and has given many invited talks in various conferences. She is a recipient of ACM-W Scholarship provided by Association for Computing Machinery, New York.

Vijo Mathew

Vijo Mathew is a highly accomplished engineer with three decades of experience in driving innovation and growth in various electrical, electronics, and information technology industries. His track record is complemented by a postgraduate degree in management, equipping him to excel in business management, strategic management, and technology management. His expertise is highly valued in the fields of software, electrical and electronics hardware, and design where he provides strategic guidance and mentorship to organizations seeking to stay ahead of the curve. He has demonstrated a unique ability to bridge the gap between technology and business driving success through his visionary approach and collaborative leadership style. His leadership skills and technical acumen have made him an advisor to some reputed national and international corporations. As an advisor and strategic leader, he is helping organizations achieve their full potential through innovative solutions, effective management, and visionary leadership. He is also author of many books related to technology and management.



Data Structures

Author :	R.S. Salaria
ISBN 13 :	978-93-86173-96-6
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Edition :	Third
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Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

Product Description

This book is specially designed to serve as textbook for the student of CA, BSc IT, MCA BE/B. Tech (CSE/IT) MSc (CS/IT) of all Indian Universities.

The subject of data structures is of prime importance for the students of computer science and IT it is of practical nature and requires thorough understanding of basics and concepts of the subject before punting them into practice.

This book will help the Student to meet all their basic requirements.

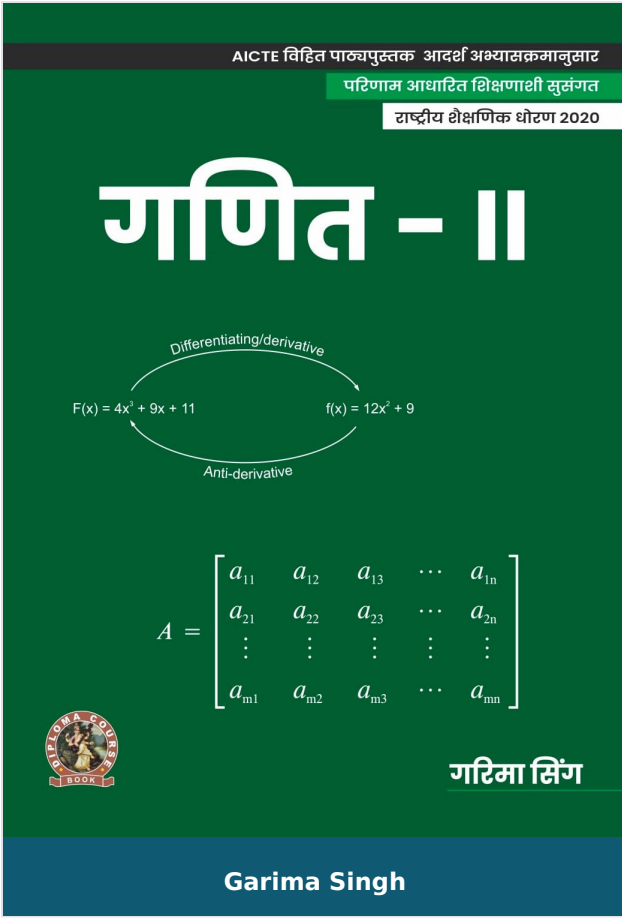
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- Introduction to Data Structures
- Introduction to Algorithms
- Arrays
- Linked Lists
- Stacks
- Queues
- Trees
- Heaps
- Graphs
- Hashing and Hash Tables
- Sorting Algorithms

Author

R.S. Salaria

Prof. R.S. Salaria is a superior teacher, a prolific author and a great motivator. He is an alumnus of IIT, Delhi. He is a Certified Software Quality professional by Ministry of Information Technology, Govt. of India: Sun Certified Programmer as well as Sun Certified Trainer by SUN Microsystems. He is a life member of computer society of India, Mumbai: Institution of Electronics and Telecommunication Engineers, New Delhi: Indian Society for Technical Education, New Delhi: Punjab Academy of Sciences, Patiala. Presently, he is talking initiatives to Sensitize the citizens of this great country about their fundamental responsibilities towards society and seeking their contributions to make the society a wonderful place for happy and peaceful living. </p>



Mathematics-II

Author :	Garima Singh
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Publisher :	Khanna Publishing House
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Categories :	AICTE Prescribed Textbooks, Marathi Books, Book Store, Ebooks
Condition Type :	New
Country Origin :	India

Product Description

“Mathematics-II” is a Compulsory paper for the first year students of Diploma engineering courses (common to all branches). Syllabus of this book is strictly aligned to the model curriculum of AICTE. And academic content is amalgamated with the concept of outcome based education. Apart from diploma it is useful for all students who are interested in basic /elementary mathematics and competitive examinations.

Book covers seven topics- Determinants, Matrices, Integral Calculus and it's applications. Co-ordinate Geometry and it's applications, vectors and it's applications, Differential equations. Basic of MATLAB.

Each topic is written in an easy and lucid manner with a holistic view. There has been deliberated attempt to keep the number of pages in the book minimum without compromising with the matter. Every chapter contains a set of exercises at the end of each unit to test the student's comprehension.

Some salient features of the book:

1. For direct recapitulation of main concepts, formulae and results a brief summary of each unit has been given.
2. Objective questions and subjective questions are given for practice of students after every unit.
3. Content of the book is aligned with the mapping of Course Outcomes, Programs Outcomes and unit Outcomes.
4. Apart from the theory explanation and solved examples book provides for mini projects, activities, fun facts, QR codes, case studies, video resources etc.
5. The text has been supplemented with notes, remarks, remember sections within grey boxes.

6. Student and teacher centric subject materials are included in the book in a balanced manner.
7. Real life applications are inserted to improve clarity of this topics.
8. Know more section has been introduced which constitutes of additional information related to the topic.
9. Check-out section has been introduced so as to active the curiosity part of the student by correlating all the topics studied in this book with MATLAB.
10. At the end of each unit. An excerpt related to eminent Indian Mathematicians is given so as to make .
11. Student have a glimpse of the rich Indian heritage, especially in the field of mathematics.

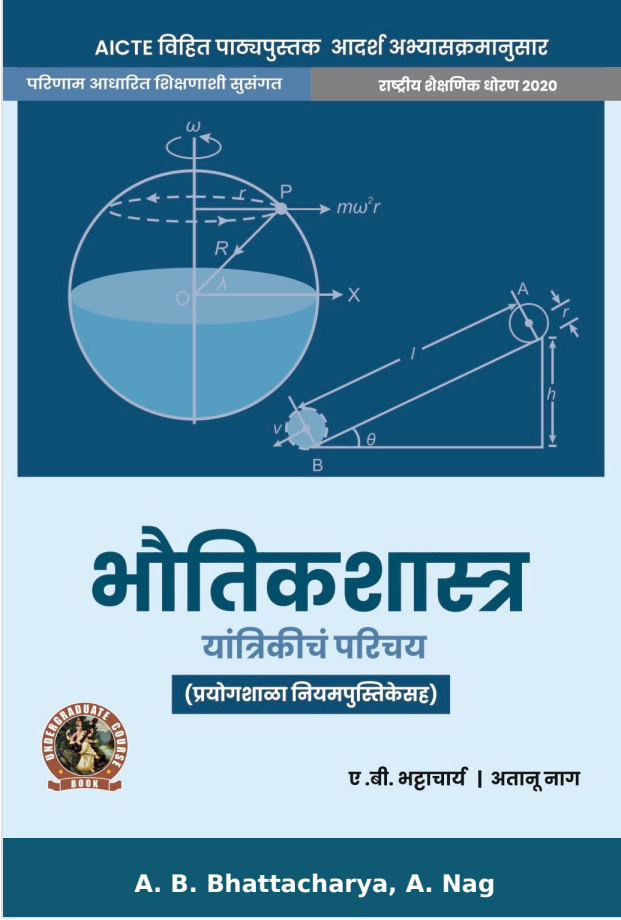
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- List of Figures,
- Guidelines for Teachers,
- Guidelines for Students
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- Integral Calculus
- Co-ordinate Geometry
- Vector Algebra
- Differential Equations
- Appendices & Annexures

Author

Garima Singh

Garima Singh



Physics (Introduction Mechanics)

Author : A. B. Bhattacharya, A. Nag

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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

Physics: Introduction to Mechanics has been written for the first year students of B Tech Engineering Degree Courses of all Indian Universities following the guideline and syllabus as recommended by AICTE. The book, written in a very simple and lucid way, will be very much helpful to reinforce understanding of different aspects to meet the engineering student's needs. Writing a text-cum manual of this category poses several challenges providing enough content without sacrificing the essentials, highlighting the key features, presenting in a novel format and building informative assessment. This book on engineering physics will prepare students to apply the knowledge of Mechanics to tackle 21 century and onward engineering challenges and address the related questions.

Some Salient features of the book:

- Expose basic science to the engineering students to the fundamentals of physics and to enable them to get an insight of the subject.
- To develop knowledge on critical questions solved and supplementary problems covering all type of medium and advanced level
- Under problems in a very logical and systematic manner.
- Some essential information for the user the heading "Know more" for clarifying some basic information as well as comprehensive synopsis of formulae for a quick revision of the basic principles.
- Constructive manner of presentation so that an Engineering degree students can prepare to work in different sectors or in national laboratories at the very forefront of technology.

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- Foreword
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- Guidelines for Students
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- Conservation Principles
- Dynamics of Particles
- Oscillations
- Rotational Motion
- Dynamics of a Rigid Body
- Table of Physical Constants
- Appendices
- Annexures
- References for Further learning
- CO and PO Attainment Table
- Index

Author

A. B. Bhattacharya

Prof. A. B. Bhattacharya did his MSc and PhD degree from the University of Calcutta in Physics and Post-doc from the Massachusetts Institute of Technology (MIT), Cambridge, USA. He worked in close collaboration with the leading laboratories like Lincoln Laboratory; Milestone Hill Observatory; Earth, Atmospheric and Planetary Sciences division of MIT and many other well recognized laboratories in India and abroad. He served as Professor & Head of the Department of Physics, University of Kalyani; Dean of Research and Head of the ECE Department, Techno India University; Pro Vice Chancellor of JIS University and Director of Brainware University. He has published 32 text books for Science and Engineering students, two popular books for general readers and over 400 research articles in reputed International Journals. Under his supervision 24 scholars received their doctoral degree. He is a fellow of the Institute of Electronics and Telecommunication Engineers and member of many scientific organizations. India International Friendship Society awarded him the prestigious "Shiksha Ratna Award" and Certificate of Excellence for meritorious services, outstanding performance and significant contribution to education. The International Institute of Success Awareness honored him with their globally recognized "Glory of India Gold Medal" for his outstanding contribution to the national stature of India. A few words from the certificate issued by Prof. Williams of MIT may be quoted "Our collaborative effort was directed at the wavelength dependence of radar echoes observations with the Millstone Hill UHF radar in Westford. He made use of the Charles River Data System computer in the Weather Radar Laboratory for these calculations. His results help to make a convincing case that the volume reflectivity associated with lightning is a diminishing function of radar wavelength, contrary to contemporary thinking". Dr.

A. Nag

A. Nag Dr. Atanu Nag did his M. Sc. in 2007 and Ph. D. in 2013 from the University of Kalyani. He has published over 50 Journal papers and 5 books for Science & Engineering students. Presently he is the Head and Associate Professor in the Department of Physics, Modern Institute of Engineering & Technology, Hooghly, West Bengal.



Engineering Mechanics | AICTE Prescribed Textbook

Author : B. B. Gokaldas

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Publisher : Khanna Publishing House

M.R.P : Rs 295.00

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[Kannada Books, Book Store,](#)
[Ebooks](#)

Condition Type : New

Country Origin : India

Product Description

“Engineering Mechanics with Lab Manual” is a compulsory for the first year Diploma course in Engineering 7 Technology. Syllabus of this book is strictly align as per model curriculum of AICTE and academic content is amalgamate with the concept of Outcome based Education (OBE).

Book covers is five units- Basic mechanics & force system, Equilibrium, Friction, Centroid and Centre of gravity & simple lifting machine. Each unit written in every easy, systematic and orderly manner. Each unit contains a set of exercise at the end of each unit to test the student’s comprehension. Also in each unit the laboratory practical pertaining to unit is included.

Some salient features of the book:

1. Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes and Unit Outcomes.
2. Book provides lots of recent information, interesting facts, QR Code for E-resources, QR Code for use of ICT, projects, group discussion etc.
3. Student and teacher centric subject materials included in book with balanced and chronological manner.
4. Figures, tables, equations and activities are insert to improve clarity of the topics.
5. Objective questions, Short questions and long answer exercise given for practice of students after every unit.
6. Solved and unsolved problems including numerical examples taken with systematic steps.

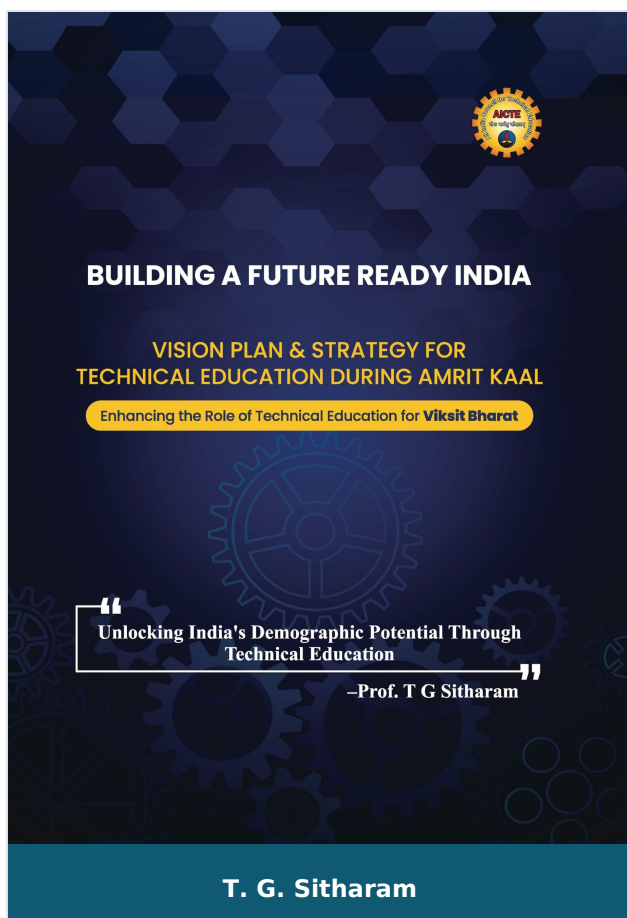
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- Foreword,
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- Preface,
- Outcome Based Educations,
- Course Outcomes,
- Abbreviations and symbols,
- List of Figures,
- Guidelines for Teachers,
- Guidelines for Students,
- Basic of Mechanics and Force System.
- Equilibrium.
- Friction.
- Centroid and Centre of Gravity.
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Author

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Building a Future Ready India

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Product Description

In the rapidly evolving landscape of technical education, the year 2047 stands as a pivotal juncture for India. This book delves into the transformational journey of technical education over the past few decades, offers insights on vision, plan and strategy for technical education in India, harnesses the potential of technical education in nation building and foresight into the innovations, challenges, and possibilities that have defined this dynamic era. The significance of technical education has soared to unprecedented heights in the last few years. India envisions a holistic Technical Education System that produces globally competitive skilled technical professionals. With the rise of artificial intelligence, quantum computing and sustainable engineering solutions, a paradigm shift is necessary to impart skill based knowledge and prepare future generations. This book is an attempt to understand the key elements of Technical Education which includes 'Quality Education, Leveraging Technology, Integration of Skill in Curriculum, Promotion of R&D, Innovation in Pedagogy, Industry- Academia Collaboration etc. Drawing upon the collective wisdom of visionaries, educators, and pioneers in the field, this book endeavors to illuminate the transformative forces shaping technical education. It seeks to inspire educators, students, policymakers, and innovators alike to envision and create a future where learning is agile, inclusive, and empowers individuals to thrive in an ever-evolving world.

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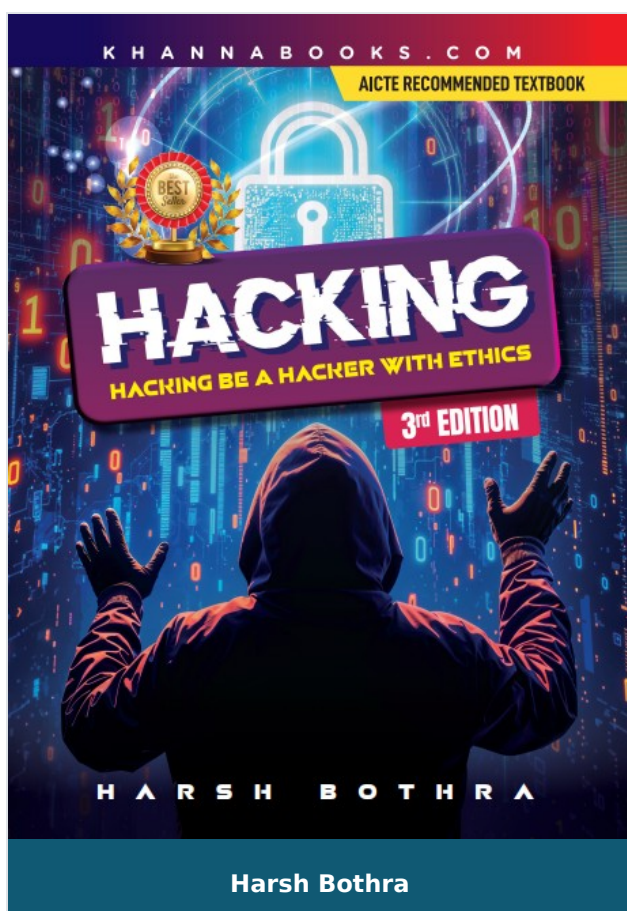
- Executive Summary.
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- Overview of Growth of Technical Education in India.
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Hacking (Hacking Be A Hacker With Ethics)

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Product Description

In today's time where geographical boundaries are easily covered by Internet and computers with click of a button, there are lies risks within the ecosystem. Hacking somebody's details could lead to damages and losses.

In this book we have tried to provide a glimpse into the Technology world of the common terms and procedures used by the hackers to intrude into the system. It is a humble effort to make students understand with help of Diagram and Images the procedures through which the vulnerabilities are exploited.

It is written in simple and lucid language to be understood by one and all.

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Author

Harsh Bothra

Harsh Bothra is an offensive Cyber Security expert who has been working in this domain for about a decade. He started in this domain during high school and graduated with a computer science and engineering degree. He published the first version of his book, 'Hacking: Be a Hacker with Ethics,' in 2016 and his second book in 2019. He holds an engineering degree in Computer Science and Engineering from Amity University Rajasthan. He has worked with different organizations in various roles, such as security consultants, senior security engineers, product security engineers, and triage analysts. Harsh specializes in penetration testing and offensive security in domains such as web applications, APIs, Mobile applications, infrastructure, Cloud, and Container security. He is deeply interested in writing and has constantly contributed to the security community through various blogs and articles. He is also a seasoned speaker and has given multiple talks at various reputed security conferences. He also ran various learning activities and challenges like Learn365, Security Explained and Security Stories.