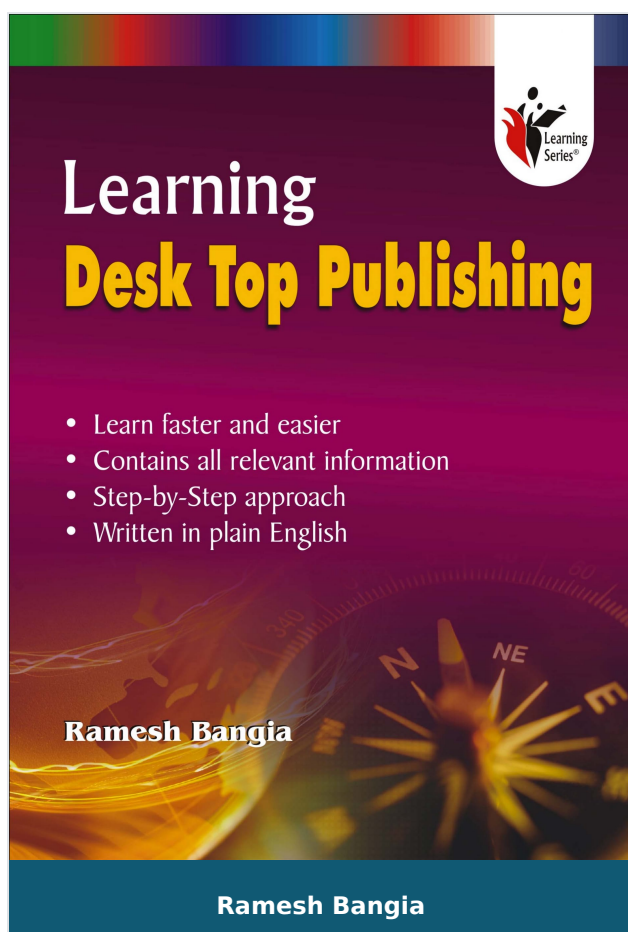




Learning Desk Top Publishing

Author :	Ramesh Bangia
ISBN 13 :	978-93-81068-43-4
ISBN 10 :	9381068437
E-ISBN 13 :	978-93-81068-43-4
Edition :	Second
Pages :	312
Type of book :	Physical
Year :	2016
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 225.00
Categories :	Computer Books - English, Book Store, Learning Series, BASIC COMPUTER BOOKS
Condition Type :	New
Country Origin :	India

Product Description

The complete Learning Series has been designed in a very systematic and logical manner. Each topic has been developed from the basic concepts. Practically every major point in the text is illustrated with suitable examples and screen shots. This will help the students in understanding the basic theory and train them in solving every problem systematically, and confidently. A large number of unsolved as well as solved exercises have also been included in the book. The language of the text of the book is lucid, direct and easy-to understand. Each chapter is laced with various diagrams wherever possible. Functions has been explained in full and some of them have been explained in the form of examples. Tips for working faster using the keyboard shortcuts are also provided.

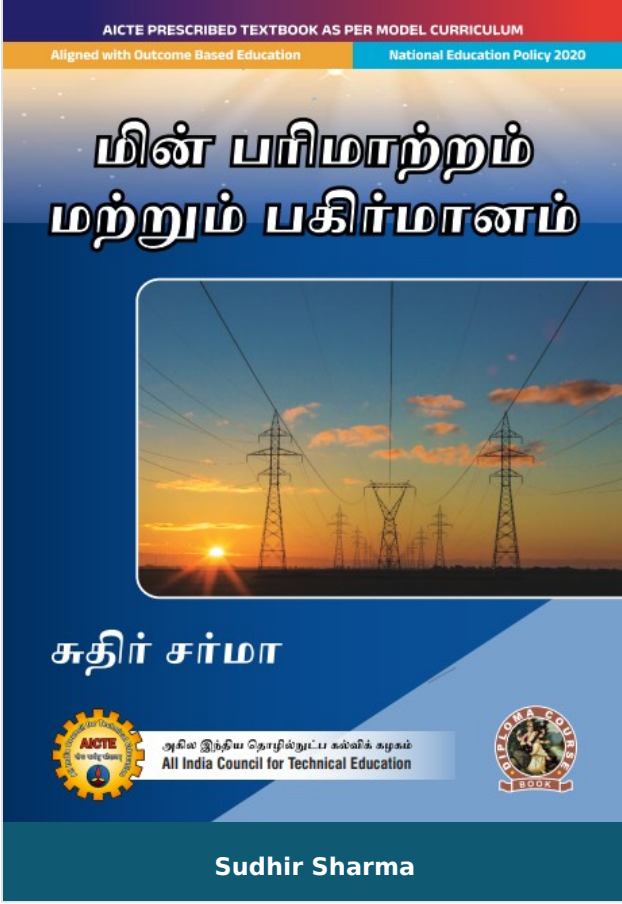
Table Of Contents

- Introduction to Adobe Photoshop CS 5
- Introduction to CorelDraw X5
- Introduction to Flash CS 5
- Introduction to Page Maker 7.0
- Introduction to Illustrator CS 5
- Questions

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.



Electric Power Transmission and Distribution

Author : Sudhir Sharma

ISBN 13 : 978-93-55388-61-2

ISBN 10 : 9355388616

E-ISBN 13 : 978-93-55388-61-2

Edition : First

Pages : 384

Type of book : Physical

Year : 2026

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 598.00

Categories : [AICTE Prescribed Textbooks,](#)
[Tamil Books, Book Store](#)

Condition Type : New

Country Origin : India

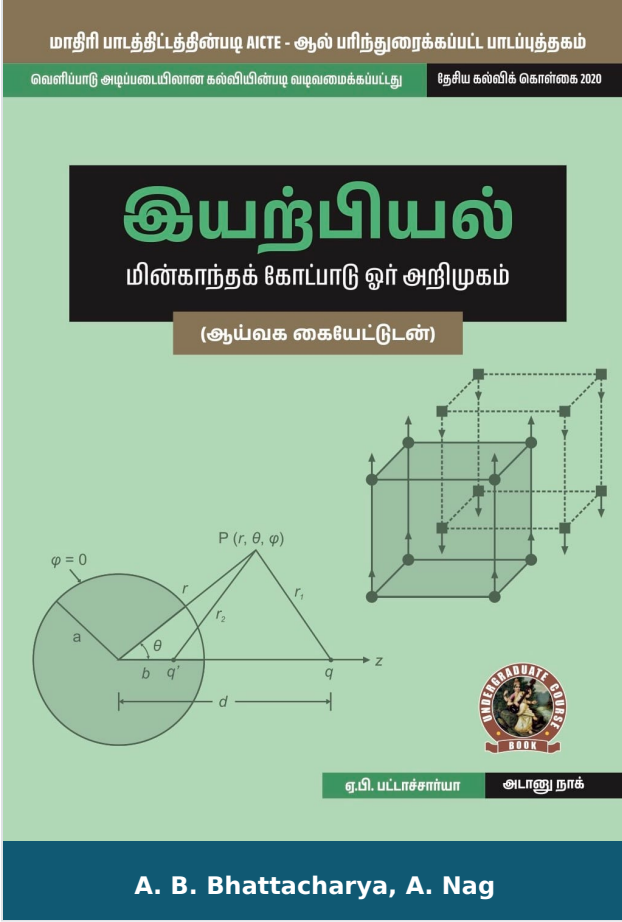
Product Description

Electric Power Transmission and Distribution

Author

Sudhir Sharma

Dr. Sudhir Sharma Associate Professor and Head of Department, Electrical Engineering
Department



Physics (Introduction to Electromagnetic Theory) (with Lab Manual)

Author : A. B. Bhattacharya, A. Nag

ISBN 13 : 978-93-91505-75-2

ISBN 10 : 9391505759

E-ISBN 13 : 978-93-91505-75-2

Edition : First

Pages : 344

Type of book : Physical

Year : 2022

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 395.00

Categories : [AICTE Prescribed Textbooks,](#)
[Tamil Books, Book Store, Ebooks](#)

Condition Type : New

Country Origin : India

Product Description

Engineering Physics: Introduction to Electromagnetic Theory 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 Electromagnetic Theory to tackle 21st century and onward engineering challenges and address the related questions.

Some Salient Features of the Book:

- €1. Expose basic science to the engineering students to the fundamentals of physics and to enable them to get an insight of the subject.
2. To develop knowledge on critical questions, solved and supplementary problems covering all types of medium and advanced level problems in a very logical and systematic manner.
3. Some essential information for the users under the heading "know More" for clarifying some basic
4. Information as well as comprehensive synopsis of formulae for a quick revision of the basic principles.
- €5. Constructive manner of presentation so that an Engineering degree students can prepare to work in different sector or in national laboratories at the very forefront of technology.

Table Of Contents

- Foreword
- Acknowledgement
- Preface
- Outcome Based Education
- Course Outcomes
- Abbreviations and Symbols
- List of Figures
- Guidelines for Teacher
- Guidelines for Students
- Electrostatics in Vacuum
- Electrostatics in Linear Dielectric Medium
- Magnetostatics
- Magnetostatics in Linear Dielectric Medium
- Faraday's Law
- Maxwell's Equations
- Electromagnetic Waves
- Table of Physical Constants
- Appendices
- Annexures
- References for Further learning
- CO and PO attainment Table
- Index

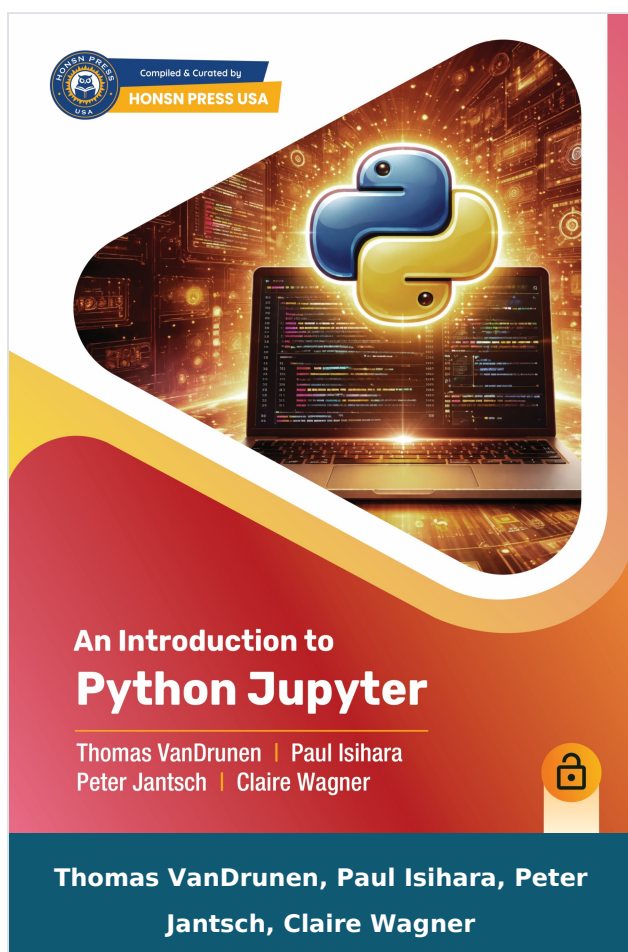
Author

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 lighting 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.



An Introduction to Python Jupyter (HONSN PRESS USA)

Author : Thomas VanDrunen, Paul Isihara, Peter Jantsch, Claire Wagner

ISBN 13 : 978-93-74546-65-9

ISBN 10 : 9374546655

E-ISBN 13 : 978-93-74546-65-9

Edition : First

Pages : 1200

Type of book : Physical

Year : 2026

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 2,450.00

Categories : [New Arrivals, Emerging Technologies, Book Store, Licensed Books](#)

Condition Type : New

Country Origin : India

Product Description

An Introduction to Python Jupyter Notebooks for College Math Teachers” is a comprehensive and evolving classroom resource designed to bridge the gap between theoretical collegiate mathematics and practical computational application. This text serves as an essential guide for college math teachers and their students seeking to seamlessly integrate the power of Python and Jupyter Notebooks (JNBs) into their curriculum. Unlike traditional textbooks, this entire work is presented in the form of modular Jupyter Notebooks, with each section structured for interactive engagement. This format allows for the direct input and execution of Python code alongside explanatory text, charts, and multimedia resources, making mathematical concepts immediately demonstrable and reproducible.

The book’s core theme is to enrich and enliven the study of mathematics using this cutting-edge tool. It offers immense practical value by covering a wide range of collegiate mathematics, from foundational Python programming and Exploratory Data Analysis (EDA) to advanced topics in Calculus, Linear Algebra, Statistical Inference, Differential Equations, and Complex Variables. Crucially, it connects these abstract concepts to complex real-world societal applications, such as modeling disease spread (COVID-19), analyzing urban data, and groundwater flow. Each chapter is designed to be read independently and includes dedicated JNB labs with solutions, providing a flexible framework for experienced educators to modify and tailor content to their specific courses, ultimately serving as a useful starting point to harness computational power for mathematical education.

Salient Features

- **Interactive Learning Format:** The entire book is written as modular Jupyter Notebooks, allowing for immediate, interactive execution of code alongside

explanatory content, which is ideal for classroom use.

- **Comprehensive Curricula Integration:** The content seamlessly integrates Python programming with core college mathematics, including Calculus, Linear Algebra, Probability, and Statistical Inference for multiple course levels.
- **Foundational Coding Guide:** Provides a detailed Python Programming Guide, introducing essential concepts like data types, control flow, functions, and working with libraries such as NumPy and Pandas.
- **Applied Data Science:** Dedicated chapters on Exploratory Data Analysis (EDA) and Advanced Data Analysis provide hands-on experience in real-world data investigation and text classification using Python.
- **Societal Modeling Applications:** Features extensive application-based chapters, such as using Differential Equations to model public health issues (e.g., COVID-19) and Complex Variables for groundwater analysis.
- **Practical Lab Exercises:** Every chapter includes a dedicated Jupyter Notebook Lab and corresponding solutions, offering practical exercises that teachers can customize and students can use for independent practice.
- **Optimization & Systems:** Explores modern quantitative techniques like Linear Algebra for Optimization, K-means Clustering, and introduces the fundamental concepts of Complex Systems and Statistical Physics.

Author

Thomas VanDrunen

Thomas VanDrunen

Paul Isihara

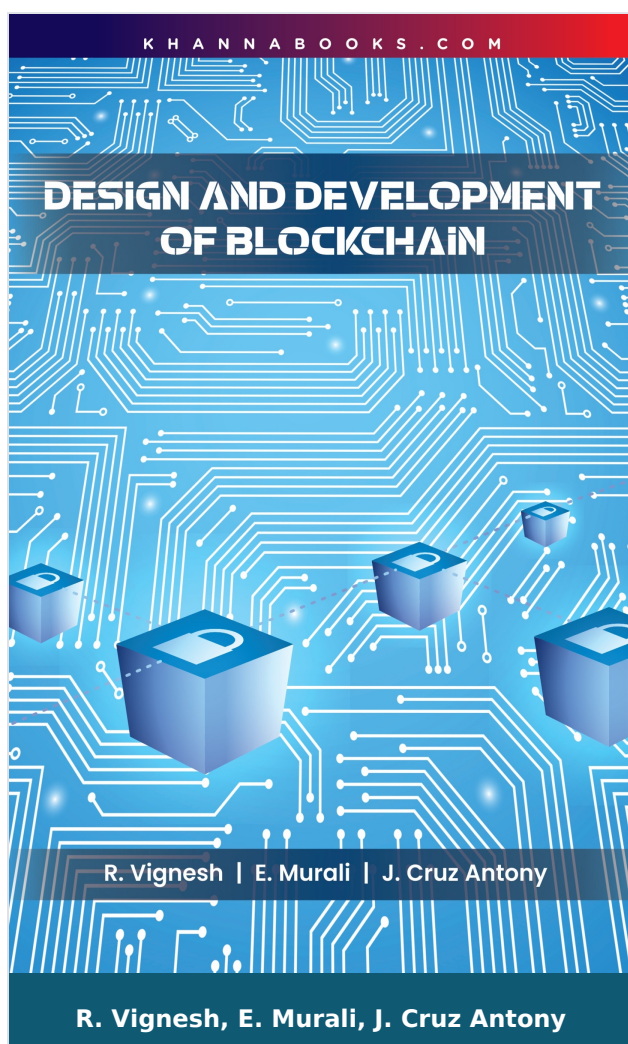
Paul Isihara

Peter Jantsch

Peter Jantsch

Claire Wagner

Claire Wagner



Design and Development of Blockchain

Author :	R. Vignesh, E. Murali, J. Cruz Antony
ISBN 13 :	978-93-55384-03-4
ISBN 10 :	9355384034
E-ISBN 13 :	978-93-55384-03-4
Edition :	First
Pages :	88
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 148.00
Categories :	Computer Science Engineering, New Arrivals, Book Store, Sathyabama Series
Condition Type :	New
Country Origin :	India

Product Description

"Design and Development of Blockchain" offers a comprehensive and practical guide to understanding the fundamentals and applications of blockchain technology. The book bridges the gap between theoretical concepts and hands-on implementation by providing detailed coverage of Distributed Ledger Technology (DLT), consensus mechanisms such as Proof-of-Work (PoW) and Proof-of-Stake (PoS), and the principles of cryptoeconomics. Discussions are grounded in real-world blockchain platforms, including Bitcoin and Ethereum.

The primary objective of the book is to equip readers with both conceptual knowledge and practical skills needed to design, implement, and innovate blockchain solutions. It explains decentralization in depth, covering decentralized computing, storage, and communication systems. The text also explores Smart Contract and Decentralized Application (DApp) development while addressing important industry challenges such as scalability, energy efficiency, and security. Additionally, it examines blockchain integration with Artificial Intelligence (AI), Internet of Things (IoT), and Cloud Computing.

This book serves as a valuable resource for students, researchers, developers, and industry professionals interested in building secure, efficient, and future-ready blockchain-based systems.

Salient Features:

- **Cryptoeconomic Principles:** Explores the economic incentives and cryptographic security mechanisms that resolve the Byzantine General's Problem in decentralized P2P networks.
- **Architectural Components:** Details the core building blocks of a blockchain, including blocks, hashing, digital signatures, and the structural variations in Bitcoin

and Ethereum blocks.

- **Practical Consensus:** Clarifies the operation, advantages, and energy trade-offs of major consensus algorithms, such as Proof-of-Work (PoW), Proof-of-Stake (PoS), and other hybrid models.
- **Hands-on Chain Building:** Provides a step-by-step guide to developing an independent blockchain, covering P2P network creation, Genesis Blocks, registering miners, and block storage.
- **Ethereum Development:** Offers practical instruction on setting up the Ethereum environment using developer tools like Ganache and Truffle Suite to create, test, and deploy functional Smart Contracts.
- **Decentralization Ecosystem:** Focuses on achieving full ecosystem decentralization for computation, storage, and communication, along with developing decentralized applications (DApps) and DAOs.
- **Emerging Technology Integration:** Delves into the intersection of blockchain with AI, IoT, and Cloud Computing, showcasing how it enhances data integrity, network security, and automation in various sectors.
- **Security and Challenges:** Addresses key technical and commercial hurdles, including scalability limitations, energy efficiency concerns, regulatory frameworks, and mitigating DDoS and Sybil attacks.

Table Of Contents

- Blockchain Basics
- Components and Structure of Blockchain
- Decentralization Using Blockchain
- Creating an Own Blockchain
- Ethereum Wallet & Smart Contract

Author

R. Vignesh

R. Vignesh

E. Murali

E. Murali

J. Cruz Antony

J. Cruz Antony



Applied Chemistry (with Lab Manual)

Author : Anju Rawlley, D. V. Saraf

ISBN 13 : 978-93-91505-97-4

ISBN 10 : 939150597X

E-ISBN 13 : 978-93-91505-97-4

Edition : First

Pages : 352

Type of book : Physical

Year : 2022

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 395.00

Categories : [AICTE Prescribed Textbooks,](#)
[Tamil Books, Book Store, Ebooks](#)

Condition Type : New

Country Origin : India

Product Description

This text book o “Applied Chemistry” is development as per AICTE model curriculum ,2018, for compulsory course on Applied Chemistry of first years Diploma Program in Engineering and Technology. Atomic Structure, Chemical Bonding & Solution, Water, Engineering Materials, Chemistry of fuels & Lubricants and Electrochemistry are the five units of this book, comprising of both practical and theory.

Some salient features of the book:

1. Course Outcomes and Unit Outcomes are written specifically and are mapped with program Outcomes.
2. Utmost care have been taken to amalgamate the philosophy of outcome based education.
- 3.The structure of the textbook is comprehensive, where in practical exercises are integral part of each unit.
4. The text is presented in a very simple way with illustrations, examples, tables, flow chart, self -assessment questions and their solutions.
5. Micro projects, points/issue for the creative inquisitiveness & curiosity, know more, video links, case study and summary points are integral part of each unit to facilitate the students to develop the attitude of scientific inquiry, investigate the cause and effect relationship, systematic, scientific & logical thinking , ability to observe, analyse and interpret.
6. To meet the requirement of outcome based education (OBE) and outcome based assessment (OBA), criterion referenced testing (CRT) have been used as an integral part of assessment in each practical.

7. Sample QR codes have been provided in each units on some topics/sub topics for supplementary reading and reinforcing the learning.

Table Of Contents

- Foreword
- Acknowledgement
- Preface
- Outcomes Based Educations
- Course Outcomes Abbreviations and Symbols
- List of Figures List of Tables
- Guidelines for Teachers
- Guidelines for students
- Atomic Structure, Chemical Bonding and Solutions
- Water
- Engineering Materials
- Chemistry of Fuels and Lubricants
- Electro Chemistry

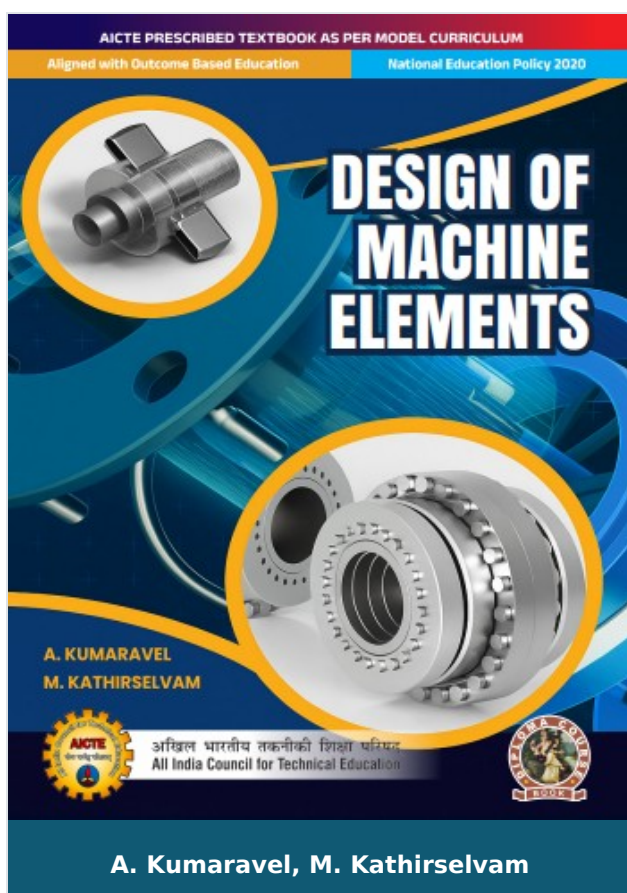
Author

Anju Rawlley

Anju Rawlley Devdatta Vinayakaraao Saraf

D. V. Saraf

D. V. Saraf



Design of Machine Elements

Author : A. Kumaravel, M. Kathirselvam

ISBN 13 : 978-93-55388-51-3

ISBN 10 : 9355388519

E-ISBN 13 : 978-93-55388-51-3

Edition : First

Pages : 320

Type of book : Physical

Year : 2026

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 598.00

Categories : [AICTE Prescribed Textbooks,](#)
[English Books, Book Store](#)

Condition Type : New

Country Origin : India

Product Description

Design of Machine Elements

This book gives detailed description about introduction to design, simple machine part design, antifriction bearings, shafts, keys, couplings and spur Gears, Power screws springs, fasteners, ergonomics & aesthetic consideration in design. Logical organization and a wide variety of problems with their step-by-step solutions makes this book a perfect offering on the subject.

Salient Features

- Content of the book aligned with the mapping of course Outcomes (Cos), programs Outcomes (Pos) and Unit Outcomes (UOs).
- In the beginning of each unit outcomes are listed to make the student understand what is expected out of him/her after completion of that unit.
- Book provides lots of recent information, interesting facts, QR codes for E-resources, etc.
- Student and teacher centric subject materials included in book with balanced and chronological manner.
- Figures and tables are inserted to improve clarity of the topics.
- Short questions, objective questions and long answer exercises are given for practice of students after every chapter.
- step-by-step solutions are provided for solved problems, including numerical examples.

Table Of Contents

- Foreword
- Acknowledgement
- Preface
- Outcome Based Education
- Course Outcomes
- Guidelines for Teachers
- Guidelines for Students
- Abbreviations and Symbols
- List of Figures
- List of Tables
- Introduction of design
- Design of simple machine parts & antifriction bearings
- Design of shafts, keys, couplings and spur gears
- Design of power screws and springs
- Design of Fasteners and Ergonomic Considerations
- Appendix
- CO And PO Attainment Table
- Index

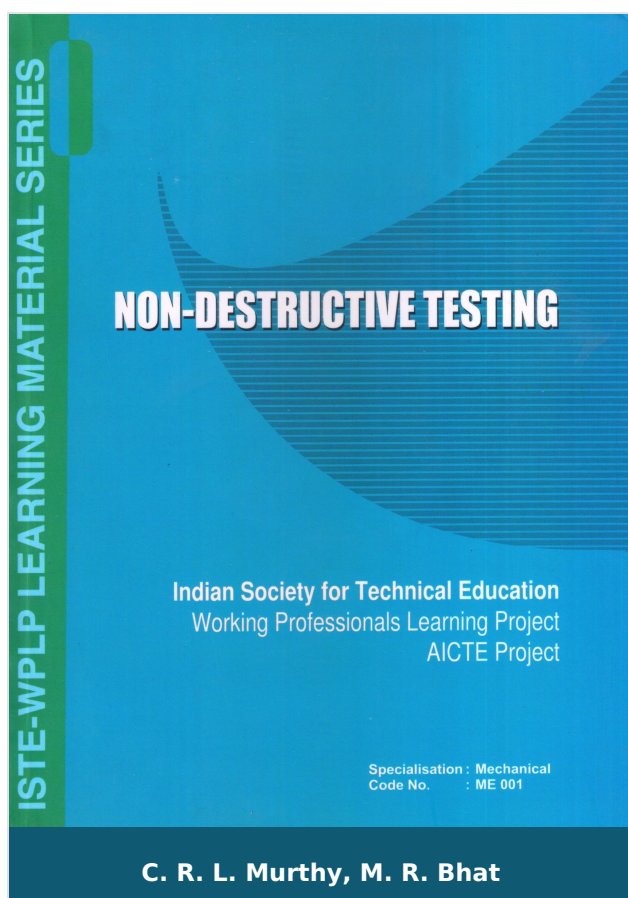
Author

A. Kumaravel

Dr. A. Kumaravel Professor Department of Mechanical Engineering K.S.Rangasamy College of Technology Dr.

M. Kathirselvam

Dr. M. Kathirselvam Associate Professor Department of Mechanical Engineering
K.S.Rangasamy College of Technology



Non-Destructive Testing

Author :	C. R. L. Murthy, M. R. Bhat
ISBN 13 :	978-93-55386-29-8
ISBN 10 :	935538629X
E-ISBN 13 :	978-93-55386-29-8
Edition :	1
Pages :	224
Type of book :	Physical
Year :	2007
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 325.00
Categories :	Civil Engineering, Book Store, ISTE Series
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

Quality, Reliability and Structural Integrity Evaluation have been the key words for a Safe world. Non-invasive industrial diagnostics though have been in practice through intuitive methods since times immemorial, the scientific formalization of the term Nondestructive Testing (NDT) which is synonymously used with Nondestructive Evaluation (NDE) and Nondestructive Inspection (NDI) is only a few centuries old. With the evolving needs of the industry the Science and Technology of NDE has lead to tremendous Research and Development efforts and standardization of testing techniques to meet these ever changing requirements. In fact, the basic concept of the subject itself has taken a transformation and brought forth a newer title Structural Health Monitoring (SHM) and Smart Structures hand in hand with the changing concepts of design and discovery of newer materials to achieve higher levels of safety, quality and reliability via real time diagnosis and implementation of healing strategies.

Table Of Contents

- FOREWORD
- PREFACE
- SECTION-I INTRODUCTION
- NDT & E- ITS Significance
- SECTION II General and Simple Methods
- Liquid Penetrant Testing
- Visual Inspection
- Leak Testing
- SECTION III Magnetic and Electro Magnetic Methods
- Radiography
- Real -Time Radiography
- Computed Tomography
- Magnetic Particle Testing
- Eddy Current Testing
- Thermal Inspection
- SECTION IV Acoustic Methods
- Ultrasonic Testing
- Acoustic Emission Testing
- SECTION V Other techniques
- Microwave Inspection
- Shearography,
- Bibliography

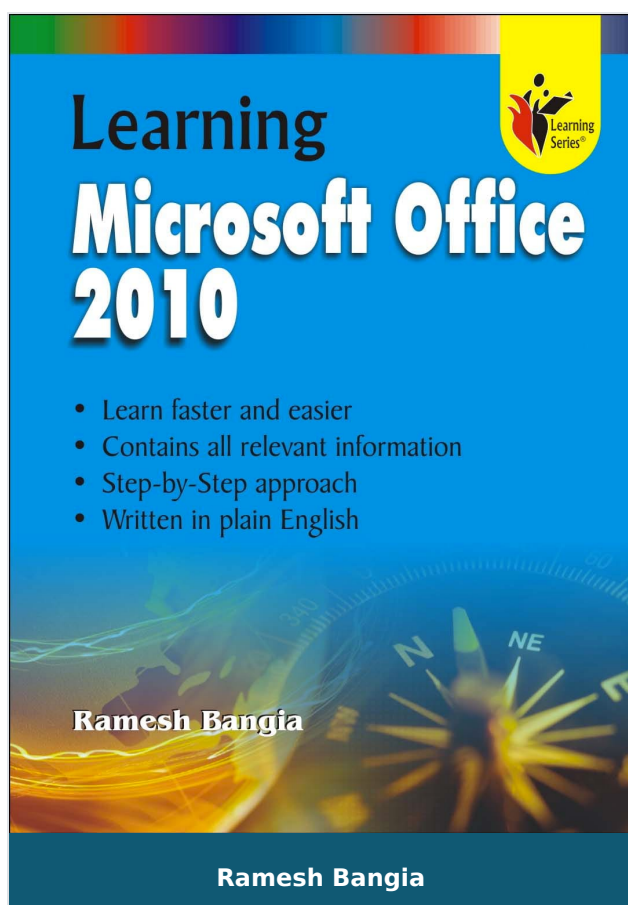
Author

C. R. L. Murthy

Prof. C. R. L. Murthy Dr.

M. R. Bhat

Dr. M. R. Bhat



Learning Microsoft Office 2010

Author :	Ramesh Bangia
ISBN 13 :	978-93-81068-04-5
ISBN 10 :	9381068046
E-ISBN 13 :	978-93-81068-04-5
Edition :	1
Pages :	276
Type of book :	Physical
Year :	2011
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 225.00
Categories :	Book Store, Learning Series, BASIC COMPUTER BOOKS
Condition Type :	New
Country Origin :	India

Product Description

The complete Learning Series has been designed in a very systematic and logical manner. Each topic has been developed from the basic concepts. Practically every major point in the text is illustrated with suitable examples and screen shots. This will help the students in understanding the basic theory and train them in solving every problem systematically, and confidently. A large number of unsolved as well as solved exercises have also been included in the book. The language of the text of the book is lucid, direct and easy-to understand. Each chapter is laced with various diagrams wherever possible. Functions has been explained in full and some of them have been explained in the form of examples. Tips for working faster using the keyboard shortcuts are also provided.

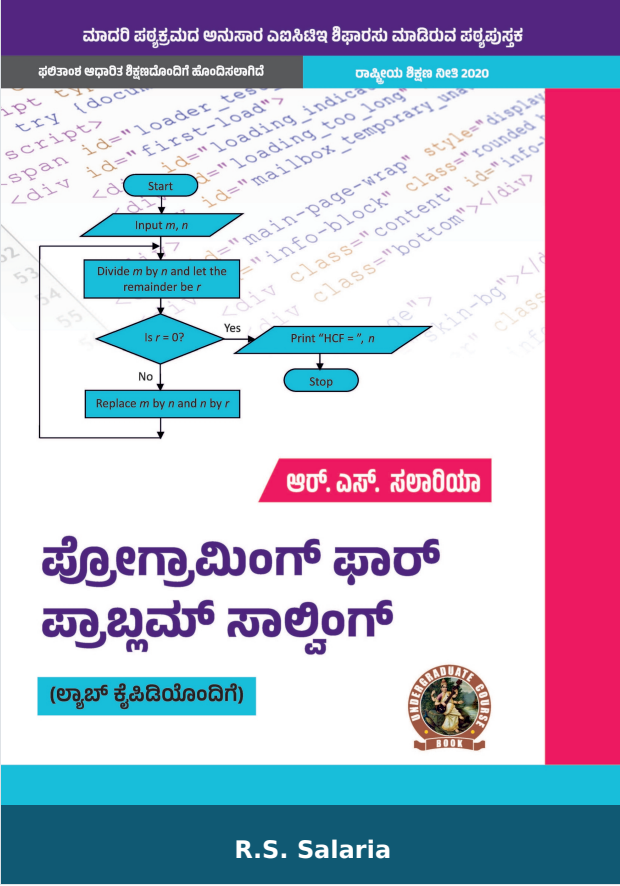
Table Of Contents

- Introduction to Microsoft Windows 7
- Introduction to Microsoft Word 2010
- Introduction to Microsoft Excel 2010
- Introduction to Microsoft PowerPoint 2010
- Introduction to Microsoft Access 2010
- Other Software of Microsoft Office 2010
- Keyboard Shortcuts of Microsoft Office 2010
- Questions

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.



Programming for Problem Solving

Author :	R.S. Salaria
ISBN 13 :	978-93-91505-54-7
ISBN 10 :	9391505546
E-ISBN 13 :	978-93-91505-54-7
Edition :	1
Pages :	404
Type of book :	Physical
Year :	2023
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 395.00
Categories :	AICTE Prescribed Textbooks, Kannada Books, Book Store, Ebooks
Condition Type :	New
Country Origin :	India

Product Description

This textbook is designed as per the model curriculum of AICTE for the first year students of all branches of undergraduate programme in Engineering & Technology (BE/B.Tech).

The subject of programming for problem Solving aims at developing problem solving skills among the students and the skills to create programs in C language for their implementation.

This book emphasizes to empower the students to grasp the skills required for problem solving and to develop deep understanding of the constructs of C language. These aspects of the subject are well illustrated through enormous solved programming problems.

Salient Features:

1. Simple and lucid language that enables students to grasp the subject.
2. Demonstrates the elegant programming style.
3. 165+ ready to run programs for reference and to illustrate the program development process.
4. 135+ Short answer type questions to provide an opportunity for self-assessment of the fundamental concepts learned by answering them precisely.
5. 165+ multiple choice questions to provide an opportunity to synthesize the fundamental concepts.
6. 90+ Programming problems to provide an opportunity to harness programming skills.

Table Of Contents

- Foreword
- Acknowledgement
- Preface
- Outcome Based Education
- Programme Outcome (POs)
- Course Outcomes
- Abbreviations and Symbols
- List of Figures
- List of Tables
- Guidelines for Teacher
- Guidelines for Students
- Introduction to Programming
- Arithmetic Expressions and Precedence
- Conditional Branching and Loops
- Arrays
- Basic Algorithms
- Functions
- Recursion
- Structures
- Pointers
- File Handling
- References for further learning
- Co and PO attainment Table

- Index

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>