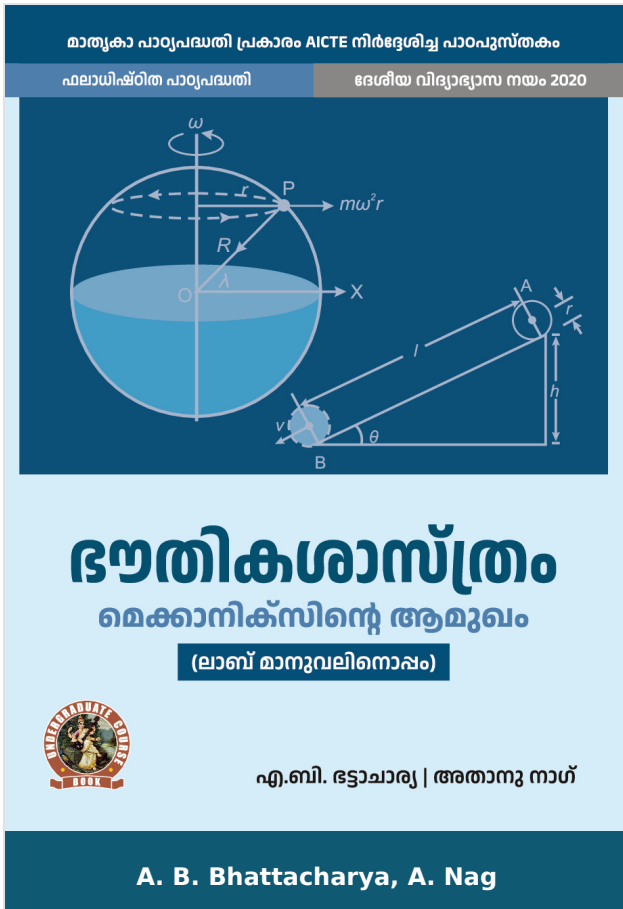




Physics - Introduction to Mechanics (with Lab Manual)

Author : A. B. Bhattacharya, A. Nag

ISBN 13 : 978-93-55381-46-0

ISBN 10 : 9355381468

E-ISBN 13 : 978-93-55381-46-0

Edition : 1

Pages : 264

Type of book : Physical

Year : 2025

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 295.00

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

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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- 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
- Ind

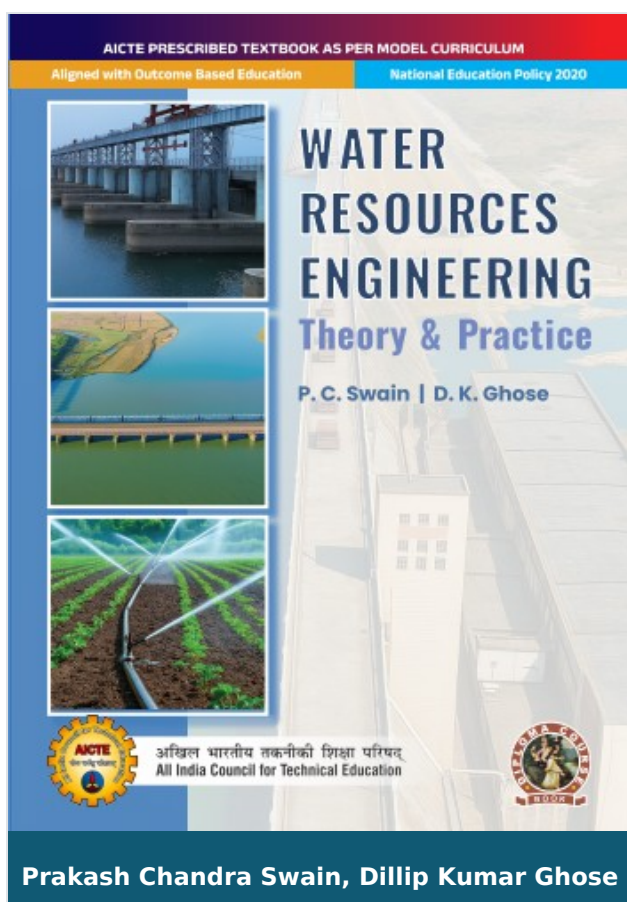
Author

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.



Water Resource Engineering (Theory & Practice)

Author : Prakash Chandra Swain, Dillip Kumar Ghose

ISBN 13 : 978-93-55384-28-7

ISBN 10 : 9355384289

E-ISBN 13 : 978-93-55384-28-7

Edition : First

Pages : 304

Type of book : Physical

Year : 2025

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 548.00

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

Condition Type : New

Country Origin : India

Product Description

Water Resource Engineering (Theory & Practice)

Water Resources Engineering is a crucial subject for Civil Engineering students. Providing a solid foundation in the principles and practices is necessary for the management and conservation of water resources. The primary focus is on the application of water resources engineering concepts to solve real-world problems in professional civil engineering practice. The supplementary content is designed to stimulate students' curiosity and guide them systematically towards deeper understanding.

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

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- List of Figures
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- Crop Water Requirements and Reservoir Planning
- Dams and Spillways
- Minor & Micro Irrigation
- Diversion Headworks & Canal
- References for suggested Learning
- CO and PO Attainment Table
- Index

Author

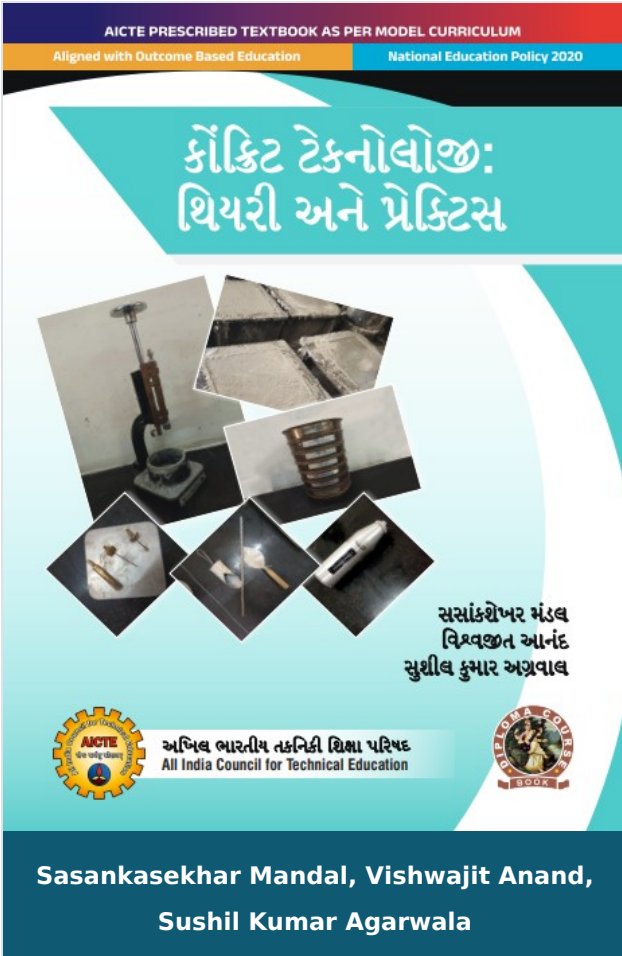
Prakash Chandra Swain

Prof. Prakash Chandra Swain Professor (Retd.) and former Head, Department of Civil Engineering, Dean School of Infrastructure & Planning, and Dean Academic Affairs, VSS

University of Technology Burla Sambalpur - 768018, Odisha India Dr.

Dillip Kumar Ghose

Dr. Dillip Kumar Ghose Associate Professor Department of Civil Engineering National
Institute of Technology Silchar, Cachar - 788010, Assam, India.



Concrete Technology: Theory and Practice

Author :	Sasankasekhar Mandal, Vishwajit Anand, Sushil Kumar Agarwala
ISBN 13 :	978-93-55384-85-0
ISBN 10 :	9355384858
E-ISBN 13 :	978-93-55384-85-0
Edition :	First
Pages :	428
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 625.00
Categories :	AICTE Prescribed Textbooks, Gujarati Books
Condition Type :	New
Country Origin :	India

Product Description

Concrete Technology: Theory and Practice

Author

Sasankasekhar Mandal

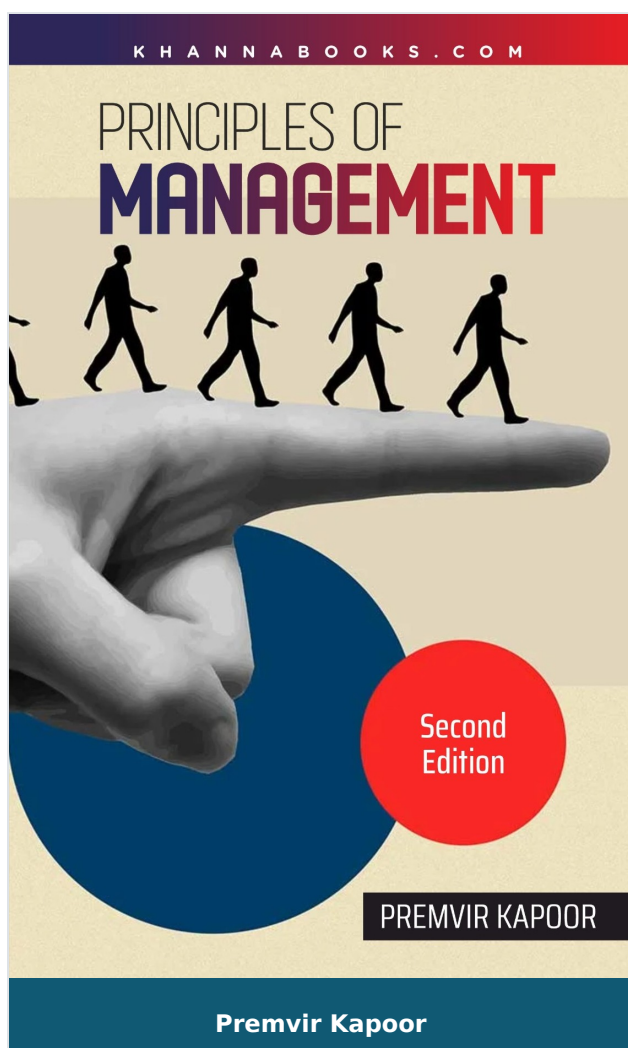
Prof. Sasankasekhar Mandal Professor, Department of Civil Engineering, IIT (BHU),
Varanasi, India Prof.

Vishwajit Anand

Dr. Vishwajit Anand Assistant Professor, Department of Civil Engineering, IIT (BHU),
Varanasi, India

Sushil Kumar Agarwala

Prof. Sushil Kumar Agarwala Former Professor, Department of Civil Engineering, IIT
Roorkee, India Dr.



Principles of Management

Author :	Premvir Kapoor
ISBN 13 :	978-93-55386-06-9
ISBN 10 :	9355386060
E-ISBN 13 :	978-93-55386-06-9
Edition :	Second
Pages :	304
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Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 325.00
Categories :	Management Books, Book Store
Condition Type :	New
Country Origin :	India

Product Description

The book provides comprehensive coverage of the management principles and concepts in simple and lucid style with economic conditions continuing to be uncertain, complexity of business increasing many fold, competitive pressures mounting and organizations becoming flatter by each passing day, managers have a tough balancing act to do and need adequate grounding and acquaintance of principles and functions of management. The book shall be useful for the readers who want to upgrade their knowledge and skills with the right attitude.

The book has been specifically designed to meet the academic requirements of the students BBA, MBA, M.Com, BCA courses.

The book covers the syllabus of principles and functions of management subject of various management/Business institutes and universities.

It covers model questions and answers on various management topics.

It covers various management and commerce terms.

The whole subject matter has been presented in a simple and easily understandable manner and an attempt has been made to give a precise, comprehensive and compact treatment to the subject. In order to enhance knowledge, understanding and application adequate emphasis has been given to clarify management concepts.

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- Management and administration
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- Empathy and Communication
- Barriers to Communication
- Overcoming Barriers to Communication
- Summary
- Control
- Steps in Control Process

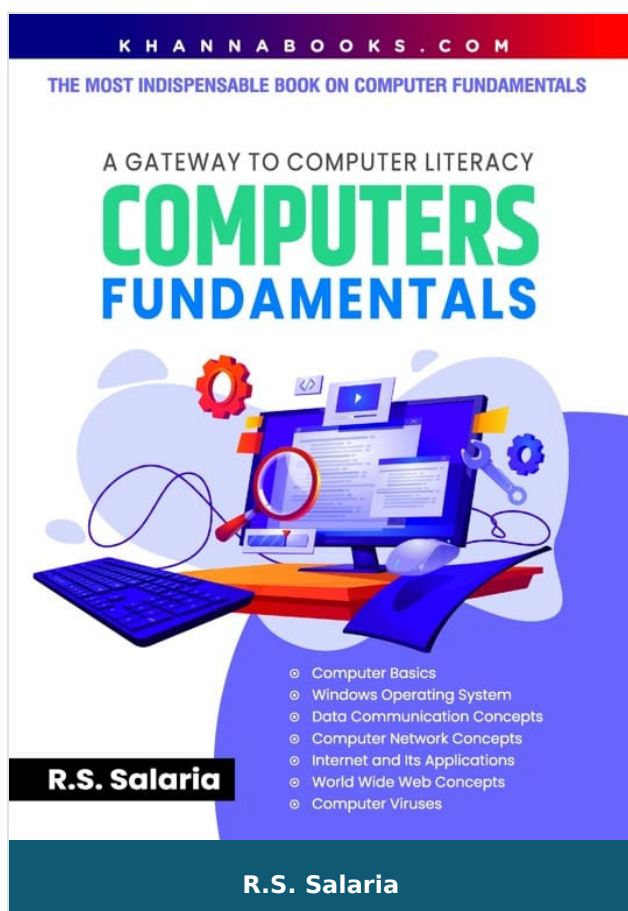
- Traditional Control Devices and
- Non-Traditional Control Devices
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- Ethical standards
- Professional association
- Important Terms and Concepts

Author

Premvir Kapoor

Dr. Premvir Kapoor BBM(BHU), MBA(Podar Institute of Management), LLB Delhi, Ph.D(Meerut University), Diploma in Training and Development, ISTD New Delhi, Diploma in Corporate Laws and Secretarial Practice(Indian Law institute New Delhi). He has worked s Director in Sri Ram Institute of Management and IIMT Institute of Management, Greater Noida and Professor of Human Resource Management at IMS Ghaziabad and Lingaya University Faridabad. He has been associated with some of the leading Institutes of Company Secretaries of India, Institute of Marketing management, Western U.P Productional Council. He is a member of Indian Law Institute, New Delhi. He has been visiting faculty at various prestigious business schools.



Computers Fundamentals

Author :	R.S. Salaria
ISBN 13 :	978-93-81068-53-3
ISBN 10 :	9381068534
E-ISBN 13 :	978-93-81068-53-3
Edition :	1
Pages :	486
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 450.00
Categories :	Computer Science Engineering, Book Store
Condition Type :	New
Country Origin :	India

Product Description

Simple and easy language, encourages self study, Enables to use computer independently, provides working knowledge of Window XP operating system, Introduces data communication and network concepts, Provides working knowledge of Internet and World Wide Web, Introduces computer viruses.

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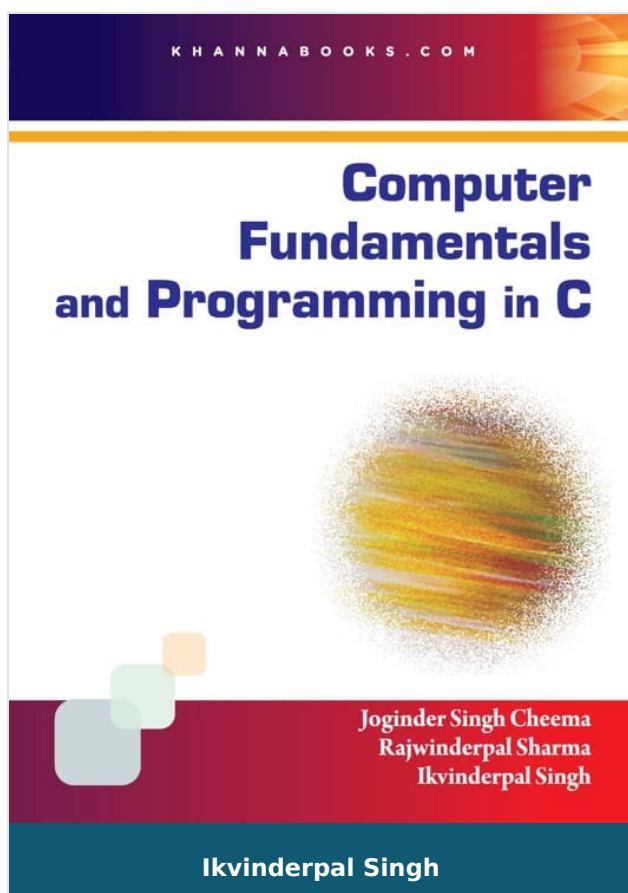
- Introduction to Computers
- Computer as a System
- Input/Output Devices
- Memories & Storage Devices
- Number Systems & Binary Codes
- Computer Arithmetic
- Boolean Algebra & Logic Circuits
- Computer Software
- Program Planning & Design
- Programming Languages
- Operating Systems
- Data Communications
- Computer Networks
- Internet
- World Wide Web (WWW)
- Computer Viruses

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>



Computer Fundamentals & Programming in C

Author :	Ikvinderpal Singh
ISBN 13 :	978-93-81068-38-0
ISBN 10 :	9381068380
E-ISBN 13 :	978-93-81068-38-0
Edition :	1
Pages :	696
Type of book :	Physical
Year :	2011
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 395.00
Categories :	Computer Science Engineering, Book Store
Condition Type :	New
Country Origin :	India

Product Description

Explains the introduction to computers, history of computer, computer generations, classification of computers and applications of computer in corporate environment. Presents the basic organization of a computer system and its internal working. Describes the concept of number systems, computer codes and arithmetic, logic gates and Boolean algebra. Introduces the concept of primary and secondary storage. Explains the concept of different input and output devices. Presents the concept of computer software's and programming languages. Deals with commonly used various tools for planning the computer program like algorithm, flowcharts, pseudo code and decision tables. Complete introduction to C Programming including basic structure is given in detail. Extensive coverage of constants, variables, various data types are given in detail. Various types of operators and expressions are described with the help of examples and simple programs. Demonstrates the description of console I/O statements in a lucid manner. Each and every control statement is described with the help of flowcharts and simple programs. Includes numerous illustrative examples to understand the topic easily. Demonstrate every program in a good programming style. Around 200 numerous solved C Programs and 100 objective type questions are included. Contains numerous theory exercises at the last of each chapter. Gives detailed description of arrays, strings and functions in lucid manner. Covers all concepts of pointers like array and pointer, function and pointer, dynamic memory allocation in detail. Detailed analysis of each and every storage class is covered with the help of programming examples. Detailed description to the concept of structures and unions.

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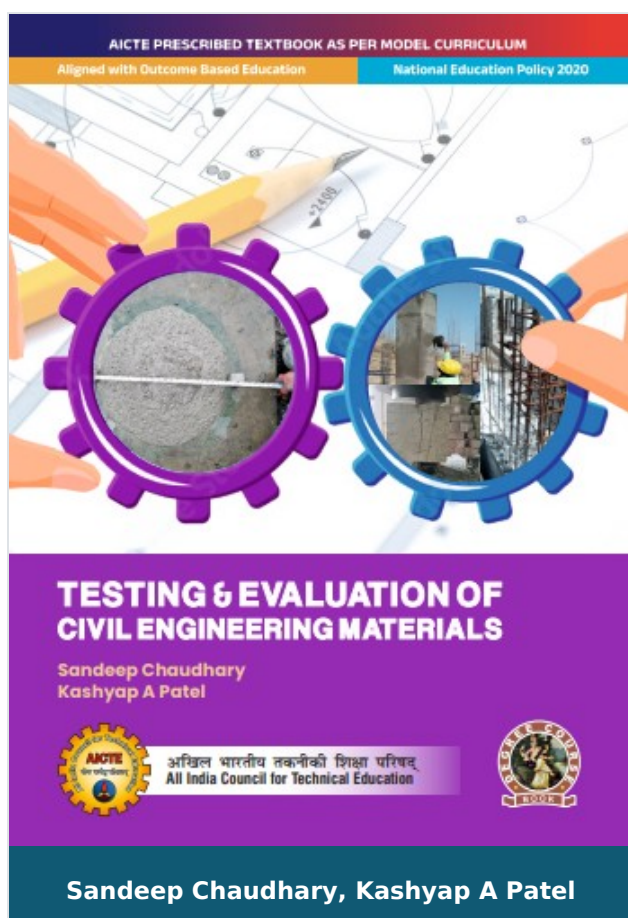
- UNIT I
- Introduction to Computer
- Basic Computer Organization
- Number System, Logic Gates and Boolean Algebra
- Computer Arithmetic and Codes
- Computer Languages
- Chapter 6: Primary Storage & Secondary Storage
- Input & Output Devices
- Planning The Computer Program
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- Structures and Unions
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- Standard Library Functions

- List of Library
- Ascii Chart

Author

Ikvinderpal Singh

Dr. Ikvinderpal Singh is an Assistant Professor at Trai Shatabdi Guru Gobind Singh Khalsa college Amritsar, bringing 17+ years of academic leadership and research experience to the field of computer science. A Gold Medalist in B.Sc. IT, with an MCA (Distinction) and a Ph.D. in Neural Networks and Image Processing, he is known for blending rigorous research with practical innovation. A prolific academic creator, he has authored 37 books, published 82+ research papers, and designed 100+ industry-aligned skill-development courses. His expertise extends to doctoral evaluation, supervision, and active participation on 100+ editorial and review boards worldwide.



Testing & Evaluation of Civil Engineering Materials

Author : Sandeep Chaudhary, Kashyap A Patel

ISBN 13 : 978-93-55384-31-7

ISBN 10 : 9355384319

E-ISBN 13 : 978-93-55384-31-7

Edition : First

Pages : 196

Type of book : Physical

Year : 2026

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 358.00

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

Condition Type : New

Country Origin : India

Product Description

Testing & Evaluation of Civil Engineering Materials

This book contains an introduction to civil engineering materials and an advanced discussion on their testing and evaluation procedure for fourth semester students of undergraduate degree course. Main purpose of the book is to help the students identify suitable civil engineering materials as per their needs, through a systematic testing and evaluation procedure. The book is designed as per syllabus and model curriculum of AICTE and aligned with the theme of outcome-based education according to National Education Policy 2020.

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, QR Code for use of ICT, projects, group discussion etc.
- Student and teacher centric subject materials included in book with balanced and chronological
- 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.

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

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- CO and PO attainment table
- Index

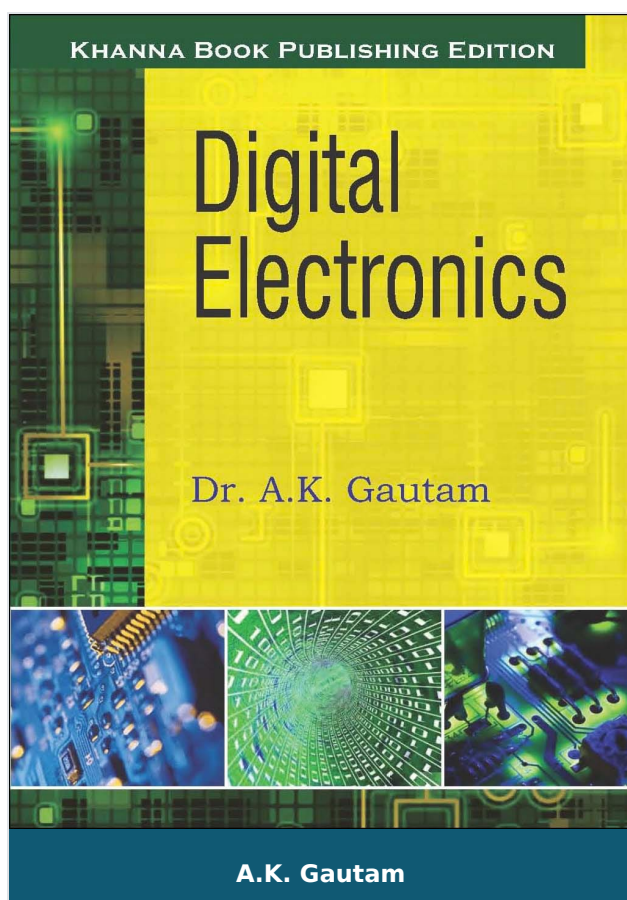
Author

Sandeep Chaudhary

Dr. Sandeep Chaudhary Professor, Department of Civil Engineering Indian Institute of Technology Indore Dr.

Kashyap A Patel

Dr. Kashyap A Patel Assistant Professor, Department of Civil Engineering Sardar
Vallabhbhai National Institute of Technology, Surat



Digital Electronics

Author :	A.K. Gautam
ISBN 13 :	978-93-81068-91-5
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Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 325.00
Categories :	Electrical, Electronics & Communication Engineering, Book Store
Condition Type :	New
Country Origin :	India

Product Description

Each topic is well explained by illustration and photographs. A large number of solved problems, unsolved problem, and the each chapter are summarized in the end. In view of various competitive examination the multiple choice questions with answers is also given in the books. Further, to facilitate the student towards practical, lab experiments and various questions for viva voice is also provided.

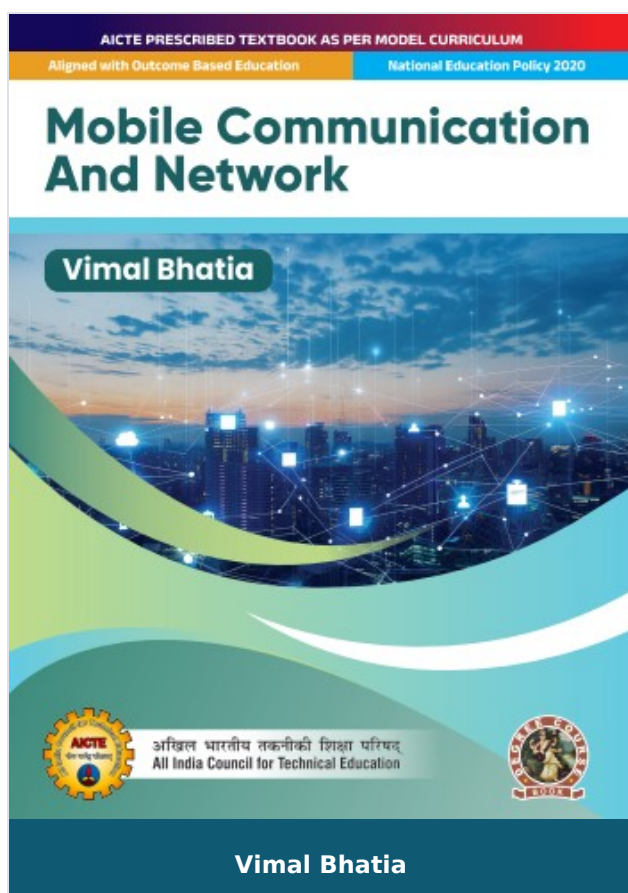
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- Number Systems and Computer Codes
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- Combinational Logic Circuits
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- Asynchronous Sequential Circuits
- Logic Families
- D/A and A/D Converters
- Hazards and Fault Detection

Author

A.K. Gautam

A.K. Gautam Dr. A.K.Gautam received Ph. D. degree in Electronic Engineering from Indian institute of Technology. Banaras Hindu University, Varanasi, India, in 2007. prof. Gautam is a senior faculty member in the Department of Electronics & Communication Engineering. G.B. Pant Engineering College, Pauri Garwal, India. Dr. Gautam is an active member many academic committees of different Institute and Universities of repute. he is a member of IEEE (USA)



Mobile Communication and Networks

Author :	Vimal Bhatia
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ISBN 10 :	9355389167
E-ISBN 13 :	978-93-55389-16-9
Edition :	First
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Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 398.00
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Condition Type :	New
Country Origin :	India

Product Description

Mobile Communication and Networks

This book familiarizes students with different domains of electronics communication. The main purpose of this book is to help students and researchers understand the basics of signal processing concepts. The content is aligned with the model curriculum of AICTE and follows the concept of outcome-based education as per the National Education Policy (NEP) 2020.

Salient Features:

- The content of the book is aligned with the mapping of Course Outcomes, Program Outcomes, and Unit Outcomes.
- At the beginning of each unit, learning outcomes are listed to help students understand what is expected of them after completing the unit.
- The book provides lots of recent information, QR codes for resources, projects, and more.
- Figures, tables, and software screenshots are included to enhance the clarity of the topics.
- Many solved examples are included in each chapter to improve the numerical solving skills of students.
- Exercises are provided for student practice after every chapter.
- Applications and standards for Mobile Communication and Networks are included.

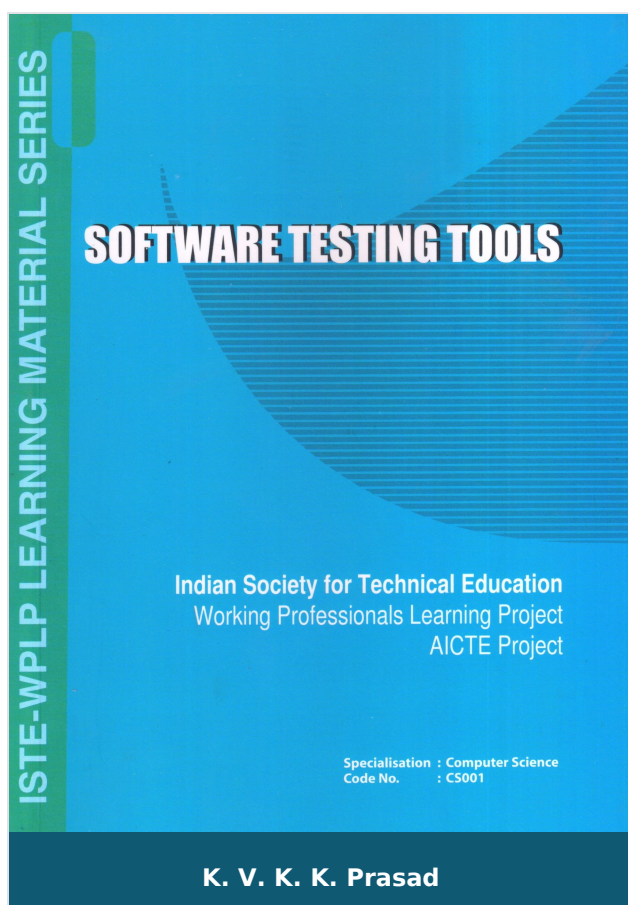
Table Of Contents

- Foreword
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- Guidelines for Teachers
- Guidelines for Students
- Abbreviations and Symbols
- List of Figures
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- SIGNAL PROPAGATION
- CAPACITY OF FLAT AND FREQUENCY SELECTIVE CHANNELS
- MULTIPLE ACCESS TECHNIQUES
- RECEIVER STRUCTURE
- MULTIPLE-INPUT MULTIPLE-OUTPUT
- CO attainment table
- Index

Author

Vimal Bhatia

Dr. Vimal Bhatia Professor, Department of Electrical Engineering, Indian Institute of Technology Indore



Software testing Tools

Author :	K. V. K. K. Prasad
ISBN 13 :	978-93-55382-55-9
ISBN 10 :	9355382553
E-ISBN 13 :	978-93-55382-55-9
Edition :	1
Pages :	180
Type of book :	Physical
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Publisher :	Khanna Publishing House
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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

I have gone through this interesting tutorial notes prepared by Dr. K V K K Prasad. Software testing is a topic of great current interest to the software engineering community. Whether it is testing of a complex VLSI chip or software module, it is a challenging task and thus one encounters similar steps in the test process. Dr. Prasad starts with an interesting introduction to Software Quality Assurance, and briefly highlights the concepts underlying the Software Testing Process and Methodologies. An interesting introduction to Automated test tools makes it a good reading.

Function/Regression testing tools and Load testing tools form important components in the test process and Dr. Prasad has presented these notions with adequate clarity. Various related issues such as Software Testing Process Management Tools and Configuration Management are covered quite systematically.

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- PREFACE
- Overview of Software Quality Assurance
- Software Testing Process
- Software Testing Methodologies and Types of Testing
- Test Case Generation
- Automated Test Tools: An Overview
- Functional/Regression Testing Tools
- Performance/ Load Testing Tools
- Testing Web Applications
- Source Code Testing and Configuration management/ Version Control
- Software Testing Process Management Tools

Author

K. V. K. K. Prasad

Dr. K V K K Prasad graduate in Engineering Electronics and Communications Engineering from the Andhra University. He did his M. Tech., in Satellite Communication and Remote Sensing and PhD in Automatic Generation and Recognition of Speech from Indian Institute of Technology, Kharagpur. He had brilliant academic records. His association with Telecommunication Industry spanned over two decades and served this industry in various key positions with great distinctions.