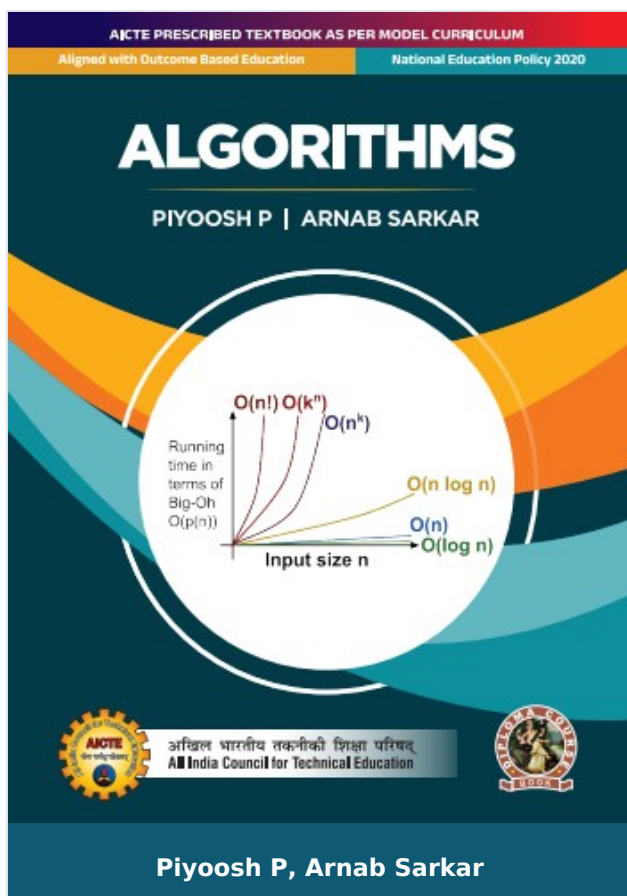




Algorithms

Author : Piyoosh P, Arnab Sarkar

ISBN 13 : 978-93-55384-54-6

ISBN 10 : 9355384548

E-ISBN 13 : 978-93-55384-54-6

Edition : First

Pages : 156

Type of book : Physical

Year : 2026

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 298.00

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

Condition Type : New

Country Origin : India

Product Description

Algorithms

This book presents data structures and algorithms whose knowledge is indispensable to effective computer programming. Design of algorithms strategies for different types of applications as well as techniques for analyzing them have been introduced, so that the students gain an understanding of mechanisms for constructing correct and efficient software programs. The main content of this book is aligned with the model curriculum of AICTE followed by the concept of outcome-based education as per National Education Policy (NEP) 2020.

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 unit.

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- References For Further Learnings
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- Index

Author

Piyoosh P

Dr. Piyoosh P Assistant Professor, Department of Computer Science and Engineering Dr.

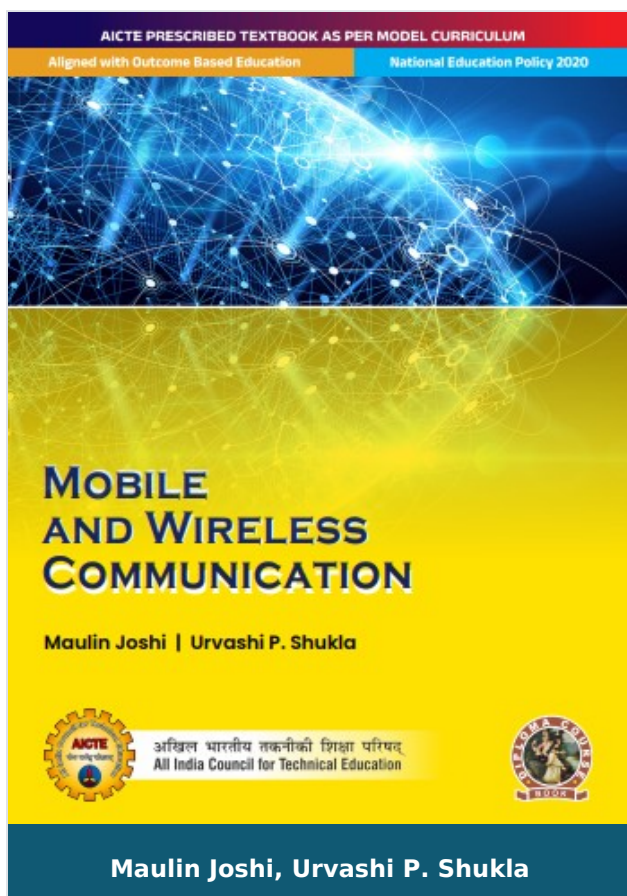
Arnab Sarkar

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

Dr. Arnab Sarkar Associate Professor, Advanced Technology Development Centre (ATDC)



Mobile and Wireless Communication

Author : Maulin Joshi, Urvashi P. Shukla

ISBN 13 : 978-93-55388-10-0

ISBN 10 : 9355388101

E-ISBN 13 : 978-93-55388-10-0

Edition : First

Pages : 192

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

Mobile and Wireless Communication

This text book on Mobile and Wireless Communication provides foundation of the subject to the reader. It familiarizes readers to evolution of wireless communication, system design, system capacity, knowledge of wireless propagation, diversity issues, spread spectrum, CDMA, OFDM and LTE in context of mobile wireless systems the main concept of this book is aligned with the model curriculum of AICTE followed by concept of outcome-based education as per National education Policy (NEP)2020.

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 step wise solved numerical are included in the book.

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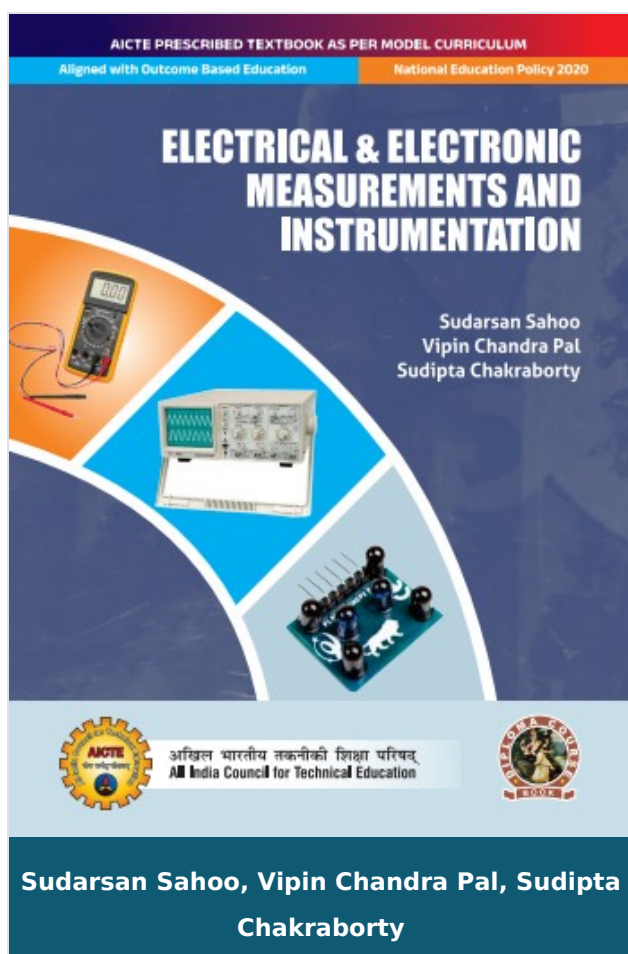
Author

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Urvashi P. Shukla

Dr. Urvashi P. Shukla Assistant Professor, Banasthali Vidyapith



Electrical & Electronics Measurements and Instrumentation

Author : Sudarsan Sahoo, Vipin Chandra Pal, Sudipta Chakraborty

ISBN 13 : 978-93-55389-46-6

ISBN 10 : 9355389469

E-ISBN 13 : 978-93-55389-46-6

Edition : First

Pages : 216

Type of book : Physical

Year : 2026

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 398.00

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

Condition Type : New

Country Origin : India

Product Description

Electrical & Electronics Measurements and Instrumentation

This book covers electrical measurements and instrumentation as well as electronic measurements and instrumentation. It also covers the conventional as well as advanced instruments and measurement techniques. This book is having sufficient coverage of instrumentation systems. It includes different transducers with their characteristics and applications. There is a special focus on digital instruments and instrumentation which is very essential in the present trends. This book also includes some solved and unsolved numerical problems linking to the theory covered in this book.

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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- Measurement of Electric Energy
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- Transducers & Signal Generators
- Experiments
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- Index

Author

Sudarsan Sahoo

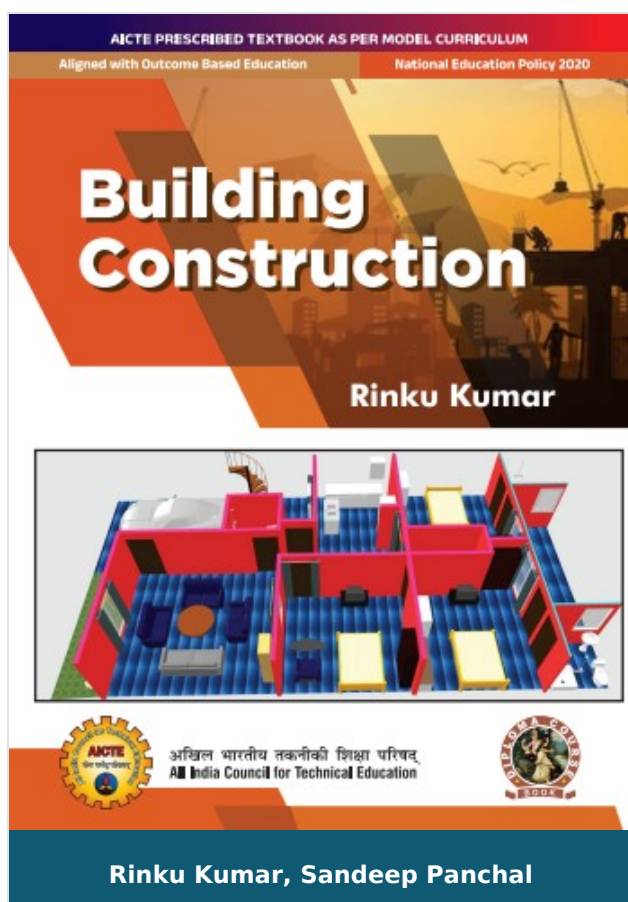
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Sudipta Chakraborty

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Building Construction

Author : Rinku Kumar, Sandeep Panchal

ISBN 13 : 978-93-55387-39-4

ISBN 10 : 9355387393

E-ISBN 13 : 978-93-55387-39-4

Edition : First

Pages : 208

Type of book : Physical

Year : 2026

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 398.00

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

Condition Type : New

Country Origin : India

Product Description

Building Construction

This book familiarizes the students with the basics of building construction. The main aim of this book is to provide conceptual knowledge of techniques and processes used for the construction of buildings that can be applied with the model curriculum of AICTE followed by the concept of outcome-based education according to the National Education Policy (NEP) 2020.

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.
- The book consists of a lot of information about the construction of the various parts of building, making it easier to understand by the students.
- The 2-d and 3-D figures are given for enhancing the understanding of the subject in the students and field engineers.
- QR codes are given in the book to access advanced information about the different topics.
- Apart from the essential information, a 'know more' section is also included that gives information the historical facts and enhances the interest of the students in the subjects.
- Short-answer, long answer and multiple-choice questions (MCQs) are given for practice at the end of each unit.

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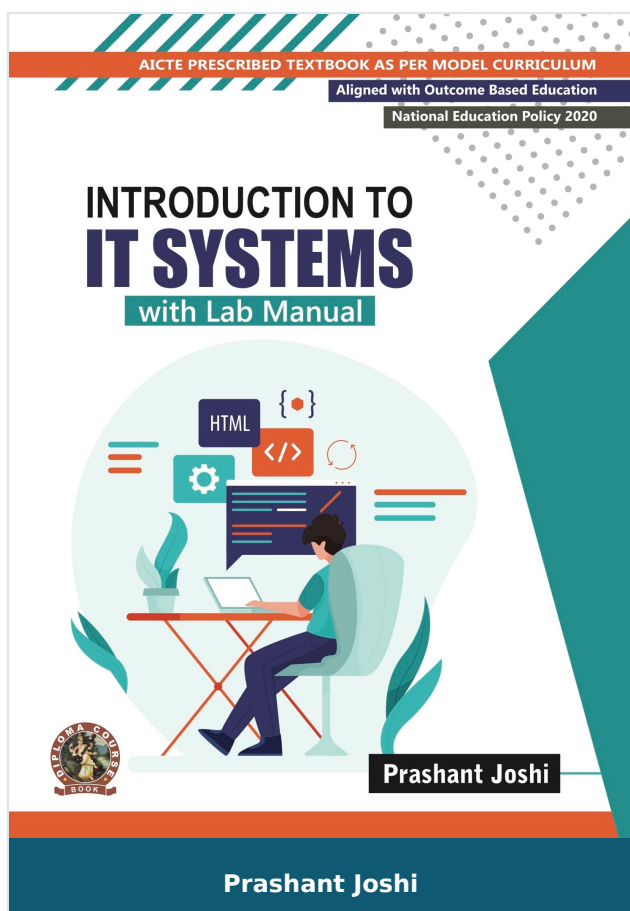
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Sandeep Panchal

Dr. Sandeep Panchal Lecturer, Department of Civil Engineering, Government Polytechnic Mankeda, Agra, Uttar Pradesh, India



Introduction to IT Systems (with Lab Manual)

Author : Prashant Joshi

ISBN 13 : 978-93-91505-58-5

ISBN 10 : 9391505589

E-ISBN 13 : 978-93-91505-58-5

Edition : First

Pages : 220

Type of book : Physical

Year : 2024

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 295.00

Categories : [AICTE Prescribed Textbooks,](#)
[English Books, Book Store,](#)
[Ebooks, Applied Sciences &](#)
[Humanities](#)

Condition Type : New

Country Origin : India

Product Description

“INTRODUCTION TO SYSTEMS” is a compulsory paper for the first year Diploma 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.

Book covers five units- Internet Skills and Computer Basics, Operating Systems, HTML and CSS, open Office Tools. And information Security Best Practices. Each topic in units is written in each and lucid manner. Every unit contains a set of exercise at the end of each unit to test student’s comprehension.

Some salient features of the book:

1. Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes and unit Outcomes.
2. Practical are included with each unit for better understanding of the theoretical concepts.
3. Book Provides interesting facts and various activities pertaining to topic. QR Codes are used for additional E-resources, use of ICT, online code editors, online quiz etc.
4. Student and teacher centric subject materials included in balanced and chronological manner.
5. Figures, tables, source code for web programming, numerous examples and applications are included to improve clarity of the topics.
6. Objective questions, subjective questions and crossword exercise are given for practice of students after every chapter.

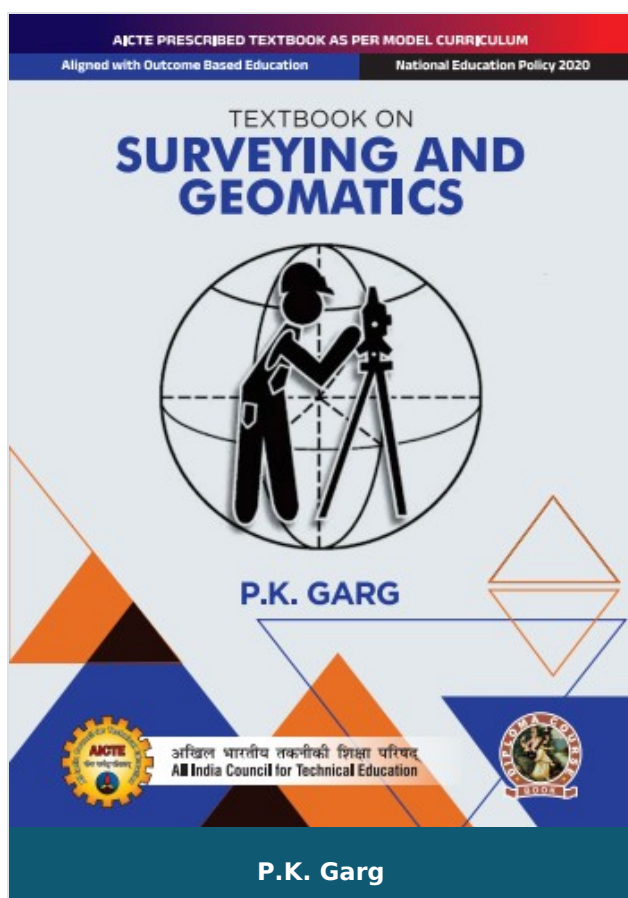
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- Operating Systems
- HTML AND CSS
- Open Office Tools
- Information Security Best Practices
- Annexure
- Appendices
- Index

Author

Prashant Joshi

Prashant Joshi



Textbook on Surveying and Geomatics

Author :	P.K. Garg
ISBN 13 :	978-93-55387-00-4
ISBN 10 :	9355387008
E-ISBN 13 :	978-93-55387-00-4
Edition :	First
Pages :	410
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 698.00
Categories :	AICTE Prescribed Textbooks, English Books, Book Store
Condition Type :	New
Country Origin :	India

Product Description

Surveying and Geomatics

The book provides the fundamental principles and theory of various equipment and techniques used in surveying and geomatics engineering. The fast developments which have taken place in field data collection methods and mapping techniques are also covered in the book. The book is intended to guide and help students and researches understanding of surveying and geometrics tools and techniques. It provides insights to the subject matter aligned with the latest model curriculum of the AICTE, followed by the concept of outcome-based education as per the New Education Policy (NEP)-2020.

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.

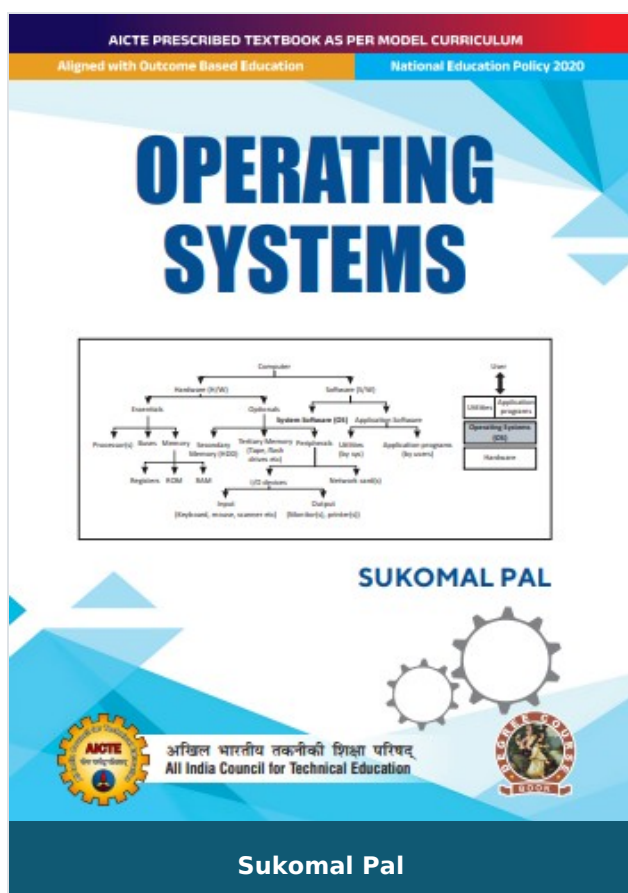
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- CURVES
- MODERN FIELD SURVEY SYSTEMS
- PHOTOGRAMMETRY SURVEYING
- REMOTE SENSING
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- Index

Author

P.K. Garg

P.K. GARG Professor, Civil Engineering Department Indian Institute of Technology
Roorkee, Roorkee & Former, Vice Chancellor Uttarakhand Technical University, Dehradun



Operating Systems

Author : Sukomal Pal

ISBN 13 : 978-93-55385-47-5

ISBN 10 : 9355385471

E-ISBN 13 : 978-93-55385-47-5

Edition : First

Pages : 248

Type of book : Physical

Year : 2026

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 458.00

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

Condition Type : New

Country Origin : India

Product Description

Operating Systems

This book aims to introduce the undergraduate students to Operating Systems (OS). An operating system acts as an intermediary between the users of different computing systems and the users. The book is written according to the AICTE-prescribed syllabus. Each topic is treated in a lucid and easy manner relating to real life examples and QR code links to supplementary and online materials.

Salient Features:

- Content is aligned with the mapping of Course Outcomes, Program Outcomes and Unit Outcomes.
- Unit prerequisites are mentioned in the beginning of each unit to prepare the students with necessary background.
- The learning outcomes are also listed before starting a unit so that the student understands what (s)he can gain after completing the unit.
- Textual content is complemented by a number of illustrations, images, figures, graphs, tables so that students can grasp the matter well.
- A number of multiple-choice questions as well as questions of short and long answer types following Bloom's taxonomy and assignments through a number of numerical problems are added to consolidate the learning of a student.
- A list of references and suggested readings are provided at the end of each unit.
- A set of URLs and QR codes are provided in different sections which can be accessed or scanned for relevant supportive knowledge.
- "Know More" section along with a list of suggested readings and references are added at the end of each section for supplementary information to cater to the inquisitiveness and curiosity of the students

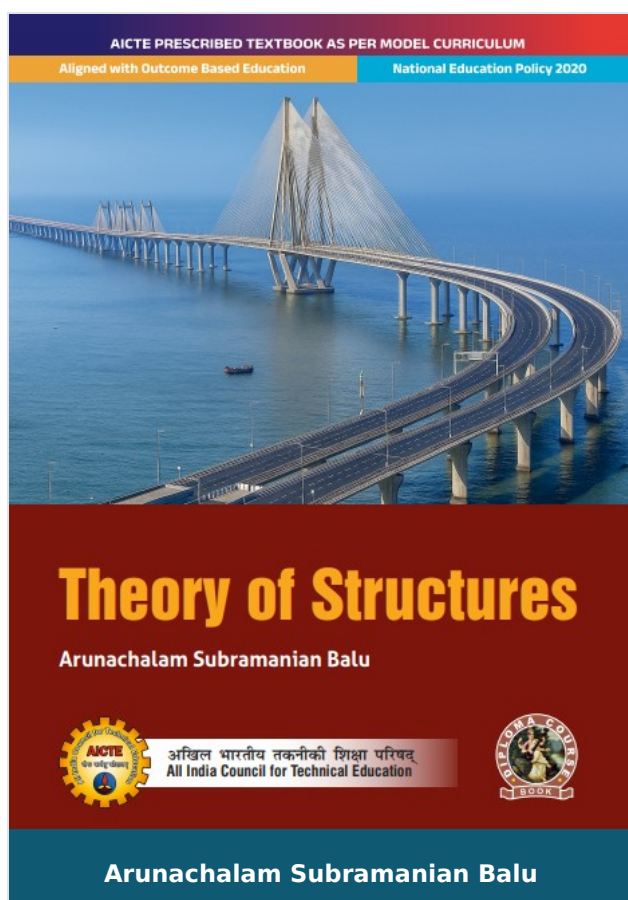
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- INTERPROCESS COMMUNICATION and PROCESS SYNCHRONIZATION
- DEADLOCKS
- MEMORY MANAGEMENT
- I/O MANAGEMENT
- REFERENCES AND FURTHER LEARNING
- INDEX

Author

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Theory of Structures

Author : Arunachalam Subramanian Balu

ISBN 13 : 978-93-55387-33-2

ISBN 10 : 9355387334

E-ISBN 13 : 978-93-55387-33-2

Edition : First

Pages : 276

Type of book : Physical

Year : 2026

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 498.00

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

Condition Type : New

Country Origin : India

Product Description

Theory of Structures

Theory of structures is a basic core course developed for understanding the behaviour of structures. The presentation of physical principles founded in the field of mechanics can be used for understanding the behaviour of structures, which is the prerequisite for designing any structures. This book aims to help students in developing ability to analyze structures in a simple and logical manner. The contents are divided into five units as required for the students of diploma in civil engineering. The main contents of this book are aligned with the model curriculum of AICTE followed by the concept of Outcome based Education as National Education Policy (NEP)2020.

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

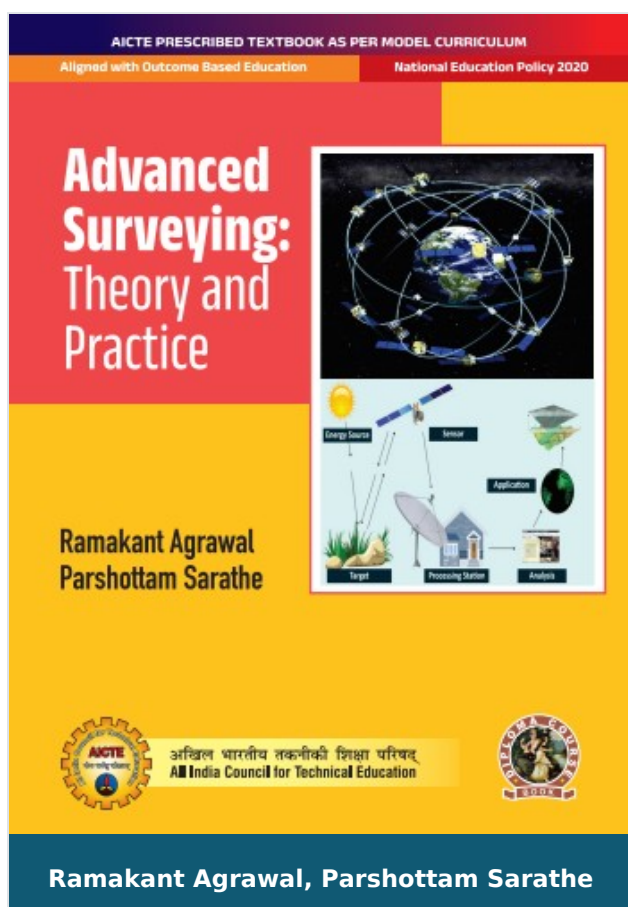
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- Slope and Deflection
- Fixed and Continuous Beams
- Moment Distribution Method
- Simple Trusses
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- Index

Author

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Dr. Arunachalam Subramanian Balu Associate Professor, Department of Civil Engineering,
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Advanced Surveying: Theory & Practice

Author : Ramakant Agrawal, Parshottam Sarathe

ISBN 13 : 978-93-55385-10-9

ISBN 10 : 9355385102

E-ISBN 13 : 978-93-55385-10-9

Edition : First

Pages : 152

Type of book : Physical

Year : 2026

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 335.00

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

Condition Type : New

Country Origin : India

Product Description

Advanced Surveying: Theory & Practice

This book contains advanced topics of surveying for fourth semester students of diploma course strictly as per syllabus and model curriculum of AICTE and aligned with the theme of outcome-based education according to National Education Policy 2020. This book comprises of six chapters covering topics on plane table Surveying. Theodolite, tacheometry. Curves, total station, Electromagnetic measurement, Remote sensing and GPS & GIS.

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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- Tacheometric Surveying
- Curves
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- References for Further Learning
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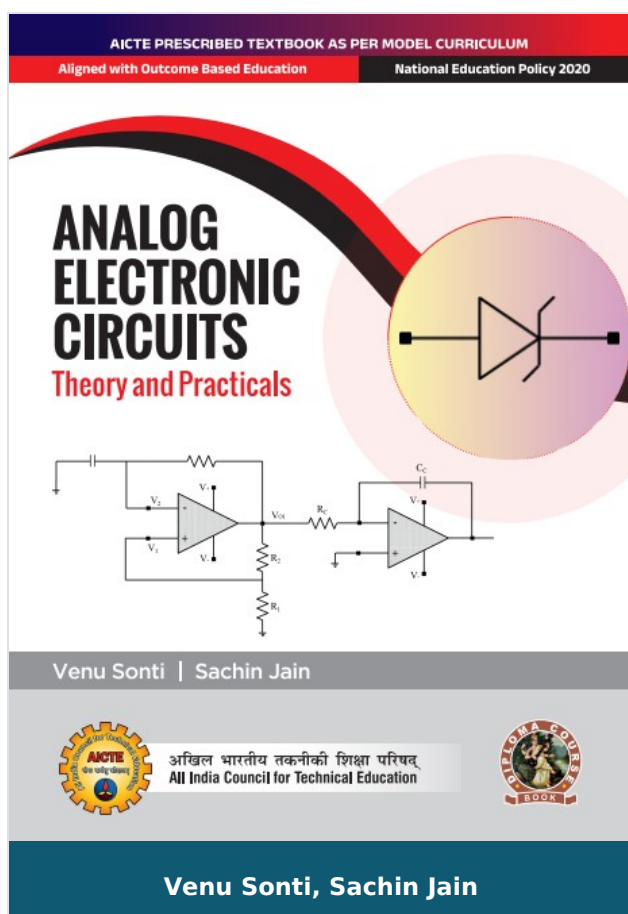
Author

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Parshottam Sarathe

Mr. Parshottam Sarathe Asstt. Professor, Department of Civil Engineering, Oriental Institute of Science and Technology, Bhopal



Analog Electronic Circuits: Theory and Practicals

Author : Venu Sonti, Sachin Jain

ISBN 13 : 978-93-55382-13-9

ISBN 10 : 9355382138

E-ISBN 13 : 978-93-55382-13-9

Edition : First

Pages : 286

Type of book : Physical

Year : 2026

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

Analog Electronic Circuits: Theory and Practicals

Analog electronic serves as the foundational knowledge for understanding the behavior of electronic components, circuits, and systems. This book covers analysis of the analog circuit using basic Electrical circuit theorems. The book covers the required analysis for all the basic electronic devices typically employed in electronic circuits starting from a simple diode to complex op-amps devices. The book also presents the fundamental methods for solving analog circuits using simple circuits analysis techniques.

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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- PN junction diode
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- Nonlinear applications of operational amplifiers
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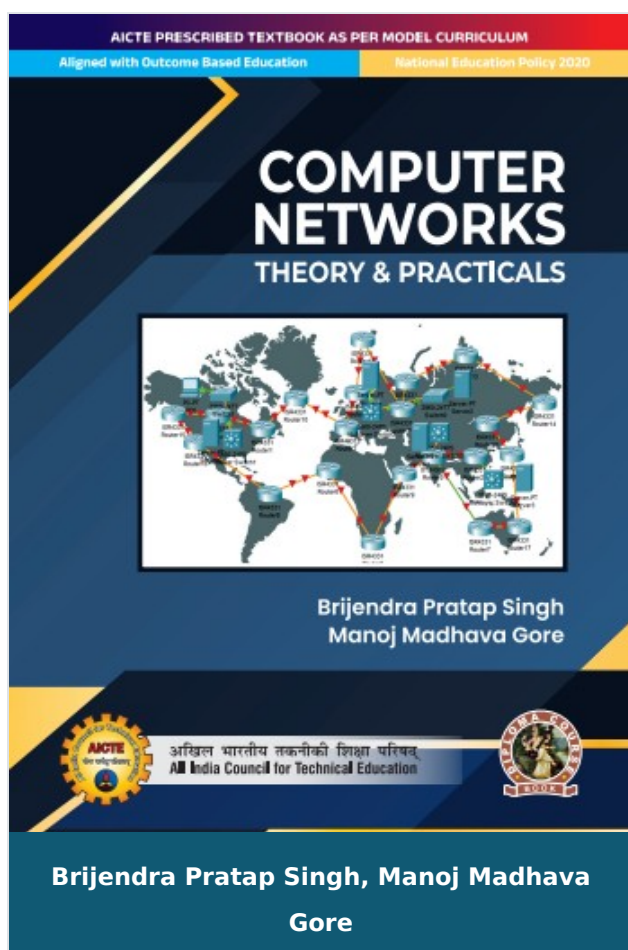
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Sachin Jain

Dr. Sachin Jain Professor, Department of Electrical Engineering, National Institute of Technology, Raipur, Chhattisgarh.



Computer Networks: Theory & Practicals

Author : Brijendra Pratap Singh, Manoj Madhava Gore

ISBN 13 : 978-93-55382-98-6

ISBN 10 : 9355382987

E-ISBN 13 : 978-93-55382-98-6

Edition : First

Pages : 128

Type of book : Physical

Year : 2026

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 248.00

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

Condition Type : New

Country Origin : India

Product Description

Computer Networks: Theory & Practicals

The use of network applications and the internet is increasing every day. It is desirable that each user should have elementary knowledge about the working of network applications and the internet. Moreover, the professionals are supposed to have an understanding of network application development. Network architecture, network protocols, and network management. This book elaborates on the network architecture, transmission media, network topologies, ethernet, WI-FI, routing algorithms, routing protocols, IPv4 addresses, transmission control protocol, application layer protocols, simple network management protocol, and related topics. Moreover, the book takes alongside the laboratory tasks, such as the configuration of devices, creation of wired and wireless local area network and others.

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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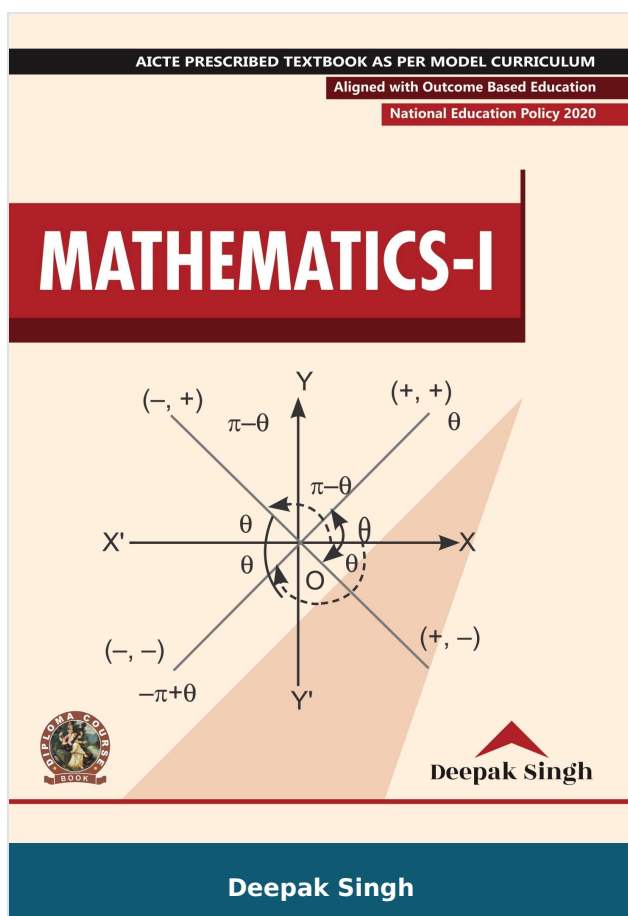
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Mathematics I

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Product Description

“Mathematics-I” is included as a paper for the first year Diploma program. Syllabus of this book is strictly aligned as per model curriculum of AICTE, and academic content is combined with the concept of outcome-based education.

Book cover five Units Trigonometry, Functions and Limit, Differential Calculus, Complex numbers and partial Fraction, Permutation and Combination and Binomial Theorem. In every unit each topic is written in easy and lucid manner. A set of exercise at the end of each unit is clubbed to test the student’s comprehension.

Some salient features of the book:

- Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes and Unit Outcomes.
- Book provides lots of real-world applications, interesting facts, QR Code for E-resources, mini projects, curiosity topics, sample specification table etc.
- Students and teacher centric subject materials included in book with balanced and chronological manner.
- Figures, tables and mathematical equations 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.
- Comprehensive synopsis of formulae for a quick revision of the basic principles.

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