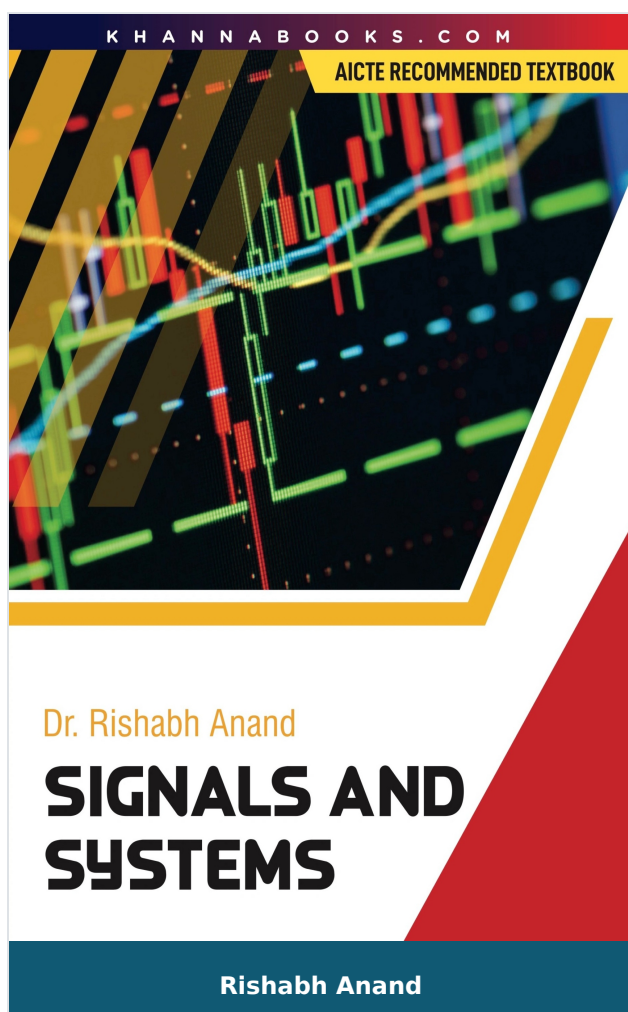




Signals And Systems

Author :	Rishabh Anand
ISBN 13 :	978-93-86173-53-9
ISBN 10 :	9386173530
E-ISBN 13 :	978-93-86173-53-9
Edition :	First
Pages :	716
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 725.00
Categories :	Electrical, Electronics & Communication Engineering, UNIVERSITY RECOMMENDED, Electrical, Electronics & Communication Engineering, Book Store
Condition Type :	New
Country Origin :	India

Product Description

This book presents the theory and concepts of signals and systems through analytical examples in a simple and lucid manner. It is designed for under graduate students of electronics and communication engineering, telecommunications engineering, electronics and instrumentation engineering, and electrical and electronics engineering. The book will also be useful to AMIE students. Written with student-centered, pedagogically driven approach, the text provides a self-contained introduction to the theory of signals and systems. This book looks at the concepts of systems, and also examines signals and the way that signals interact with physical systems. It covers topics ranging from basic signals and systems to signal analysis, properties of continuous-time Fourier transforms including Fourier transforms of standard signals, signal transmission through linear system, relation between convolution and correlation of signals, sampling theorems and techniques, and transform analysis of LTI systems. All the solved and unsolved problems in this book are designed to illustrate the topics in a clear way.

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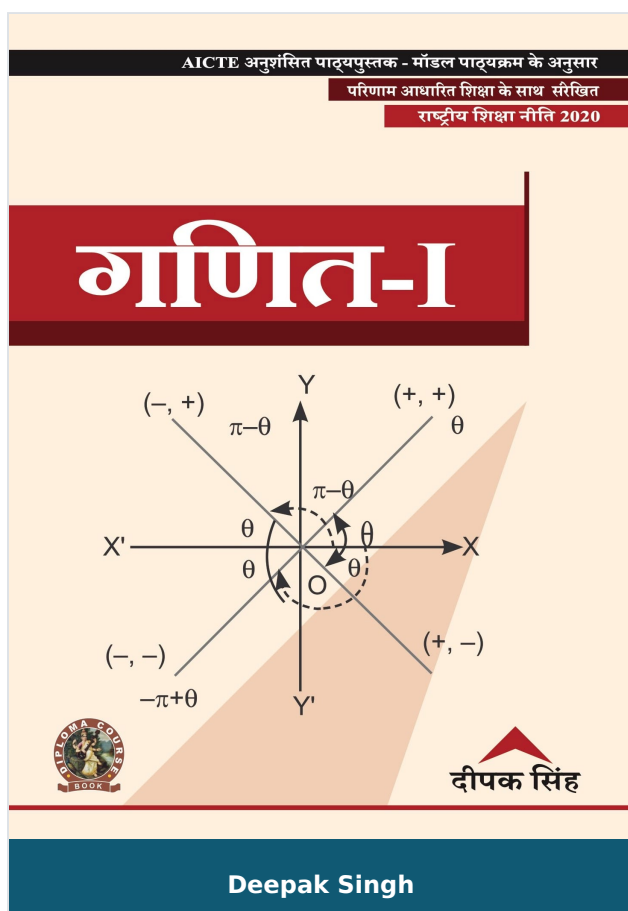
- Ch -1 Introduction to Signals and Systems
- Ch -2 Linear Time invariant Continuous- Time and Discrete-time Systems
- Ch -3 Fourier Series of Continuous-Time Signals or Continuous-Time Fourier Series(CTFS)
- Ch -4 Discrete-Time Fourier Series (DTFS)
- Ch -5 Continuous-Time Fourier Transform (CTFT)
- Ch -6 The Discrete-Time Fourier Transform (DTFT)
- Ch -7 The Discrete Fourier Transform (DFT)
- Ch -8 Fast Fourier Transform (FFT) Algorithms
- Ch -9 The Laplace Transform
- Ch -10 z-Transform
- Ch -11 Characterization of Signals and Systems in Time and Frequency-Domain
- Ch -12 Sampling of Continuous-Time Signals
- Ch -13 Sampling of Discrete-time Signals

Author

Rishabh Anand

Rishabh Anand received his Bachelor's degree B.E (Hons) in Electronics and Communication Engineering from Maharishi Dayanand University, Rohtak in 2006. The author is M.Tech. in Electronics and Communication Engineering from Veer Bahadur Singh Purvanchal University, Jaunpur in 2014, and MBA from Indian Institute of Management, Kozhikode in 2016. The Author is Program Diploma in Innovation Management from International Business Management Institute, Germany (Berlin) in 2020. The author has contributed to research publications in refereed, cited International Conferences and Journals, and attended many conferences, workshops, FDPs, and seminars. Also, he is the

reviewer member of IJSDR Journal. He is a prolific author with 34 Text and Reference books to his credit, for B. Tech. (ECE/CSE/IT), M.Tech. (ECE/CSE/IT), BCA, MCA, and other courses of different Universities of India and overseas. His areas of interest include Software Project Management, Cloud Computing, Deep Learning, Tensor Flow, Python, R Programming and Machine Learning. He is currently working in ITES industry as a Global Service Delivery Manager. He is Project Management Professional (PMP)®, ITIL® Foundation Certificate in IT Service Management, PRINCE2® Practitioner Certification - Project Management, ScrumMaster® (CSM®), Certified Six Sigma White Belt (CSSWB™), Lean Six Sigma White Belt Certified (LSSWBC™) and Certified Six Sigma Green Belt™ (CSSGB™). The author delivers lectures as Visiting Faculty (Assistant Professor) in the Global Institute of Technology and Management, Farrukh Nagar, Gurgaon.



Mathematics I

Author :	Deepak Singh
ISBN 13 :	978-93-55381-82-8
ISBN 10 :	9355381824
E-ISBN 13 :	978-93-55381-82-8
Edition :	First
Pages :	168
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 395.00
Categories :	AICTE Prescribed Textbooks, Hindi Books, Book Store, Ebooks
Condition Type :	New
Country Origin :	India

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:

1. Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes and Unit Outcomes.
2. Book provides lots of real-world applications, interesting facts, QR Code for E-resources, mini projects, curiosity topics, sample specification table etc.
3. Students and teacher centric subject materials included in book with balanced and chronological manner.
4. Figures, tables and mathematical equations are inserted to improve clarity of the topics.
5. Short questions, objective questions and long answer exercises are given for practice of students after every chapter.
6. Comprehensive synopsis of formulae for a quick revision of the basic principles.

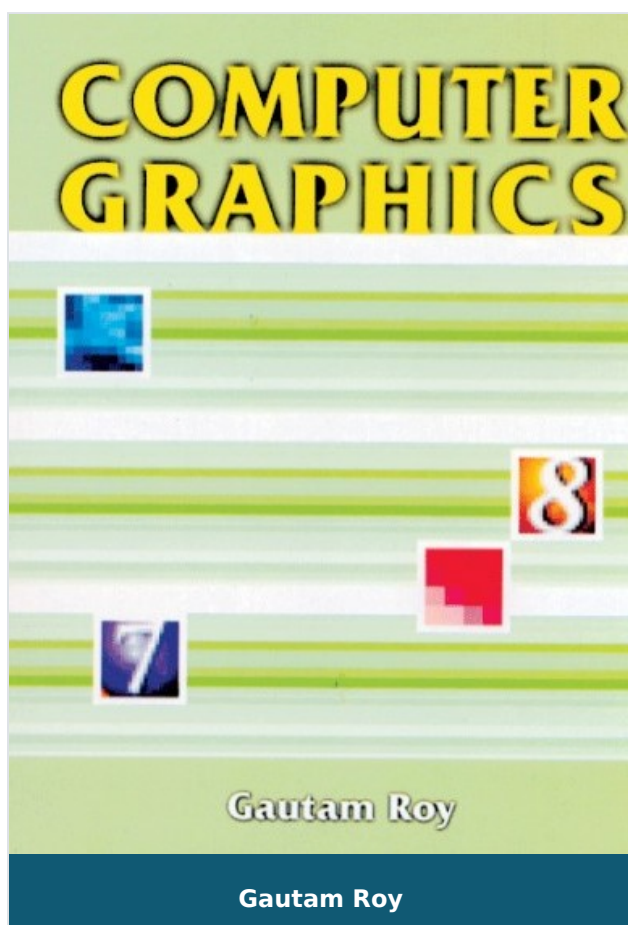
Table Of Contents

- Trigonometry
- Functions and Limit
- Differential Calculus
- Complex Numbers and Partial Fraction
- Permutation and Combination, Binomial Theorem
- Appendices
- References for Further Learning
- CO and PO attainment Table
- Index

Author

Deepak Singh

Deepak Singh



Computer Graphics

Author :	Gautam Roy
ISBN 13 :	978-81-87325-41-3
ISBN 10 :	8187325410
E-ISBN 13 :	978-81-87325-41-3
Edition :	1
Pages :	452
Type of book :	Physical
Year :	2015
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 195.00
Categories :	Computer Science Engineering, Book Store
Condition Type :	New
Country Origin :	India

Product Description

This book is basically made for the B.E. and M.C.A. level of students thought it will be immense helpful for all- who want to learn the subject computer graphics as a whole. The book covers the complete area of computer graphics, especially on the theories and application parts related to real life problems and their corresponding operation procedures. The book consists of more than 100 ready to use examples, ample number of related figures and sketches to supplement the theories have also been incorporated. The theories and examples are illustrated with a very lucid and easy to understand language which will be of immense helpful to the readers, students in particular. This book will not only be helpful to the students of computer graphics, but it will also help all the students and professionals who want to learn computer graphics and its multifaceted uses.

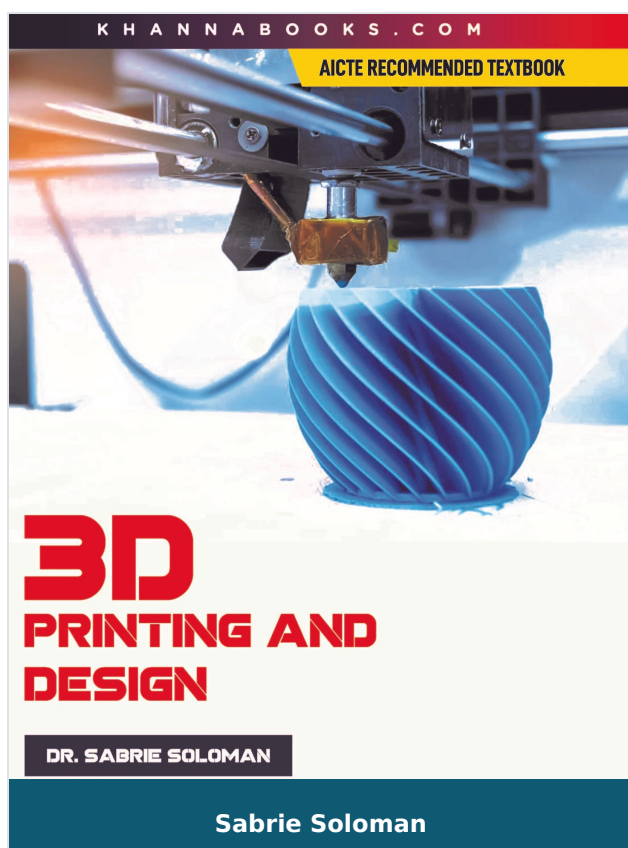
Table Of Contents

- Introduction to Computer Graphics
- Elementary Drawing Algorithms
- Transformation
- Three Dimensional Graphics System
- Graphics Application Area
- Programming Examples

Author

Gautam Roy

Dr. Gautam Roy obtained his B.E.E., M.E.E and Ph.D. degrees from Jadavpur University, Kolkata and was awarded the foreign fellowship to work abroad. He was attached with different hardware and software consultancy jobs and acted as senior faculty members to different reputed institutes like Institution of Engineers, The Institute of Computer Engineers (India), St. Xavier's College Computer Centre, Rabindra Bharati University Computer Centre, Institute of Modern Management and many others and was actively attached in the field of education for nearly two decades. he was also a paper setter and examiner of different universities and professional examinations. Currently Dr. Roy is working as Senior Scientist in the field of computer applications in a government research laboratory.



3D Printing and Design

Author :	Sabrie Soloman
ISBN 13 :	978-93-89139-17-4
ISBN 10 :	9389139171
E-ISBN 13 :	978-93-89139-17-4
Edition :	First
Pages :	436
Type of book :	Physical
Year :	2023
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 295.00
Categories :	Emerging Technologies, Hardbound Books, Book Store
Condition Type :	New
Country Origin :	India

Product Description

The book provides a detailed guide and optimum implementations to each of the stated 3D printing technology, the basic understanding of its operation, and the similarity as well as the dissimilarity functions of each printer.

School Students, University undergraduates, and post-graduate students will find the book of immense value to equip them not only with the fundamentals in design and implementation but also will encourage them to acquire a system and practice creating their own innovative samples. Furthermore, professionals and educators will be well prepared to use the knowledge and the expertise to practice and advance the technology for the ultimate good of their respective organizations.

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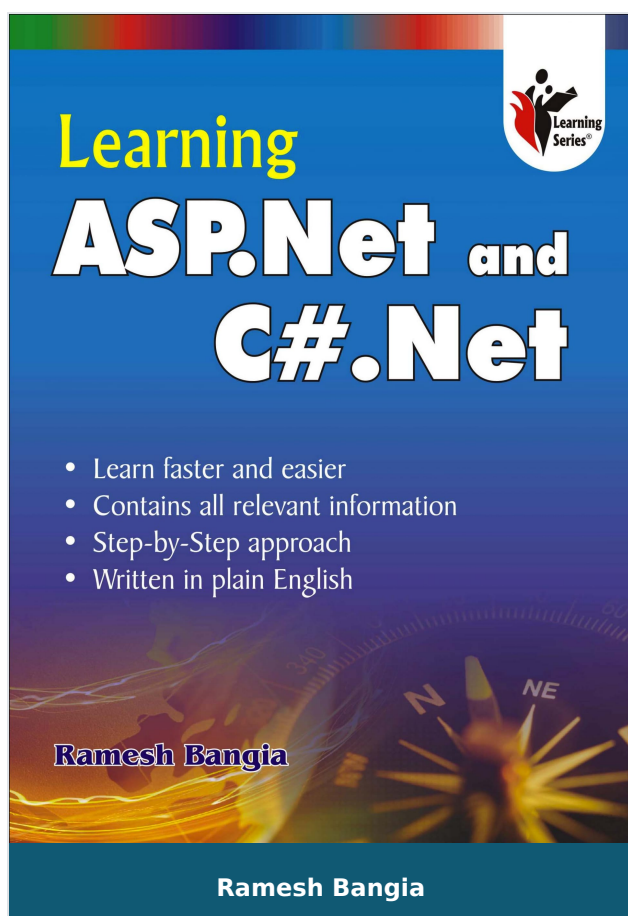
- Digital Manufacturing
- Digital Design for 3D Printing
- Fundamentals of Additive Manufacturing
- Design for 3D Printing
- 3D Printing Designing Through Binder Jetting
- Accelerate Design Cycles Design Verification Lowering
- Evolving 3D Printing
- 3D Printing & Design in Healthcare, Food,
- Additive Manufacturing
- The Impact of Additive Manufacturing on the Integral Economy
- References
- Appendix

Author

Sabrie Soloman

Dr. Sabrie Soloman, Ph.D., Sc.D., MBA, PE - He is the Chairman & CEO of American Sensor x, Inc, USA; Founder of Advanced Manufacturing Post Graduate Studies at Columbia University, USA; Professor of Advanced Technology at Columbia, where he lectures on Sensors & Control Systems in Manufacturing, Affordable Automation, Computer Integrated Manufacturing (CIM), Flexible Manufacturing System (FMS), Design for Manufacturability, Introduction to Electromechanical Engineering, Modern Welding Technology, and 3D Printing/Bioprinting Technology. Dr. Soloman authored numbers of technical books published and translated worldwide: Sensors Handbook (2nd edition), Sensors and Control Systems in Manufacturing (2nd edition), Affordable Automation,

Introduction to Electromechanical Engineering, Modern Welding Technology, to name a few. Dr. Soloman holds numerous Patents, Technical Awards, and several US Product Registrations. He is a Fellow of the Society of Manufacturing Engineers. USA. The Royal Society of Manufacturing Engineers (England), and L'Ores Des Ingenieurs Du Quebec (Canada), He received several awards from the American Society of Mechanical Engineers (ASME), the Society of Manufacturing Engineers (SME), and the American Management Association (AMA). Dr. Soloman is considered an international authority on advanced manufacturing technology, robotics, biomedical engineering, pharmaceuticals, and automation in the microelectronic, automotive, beef, pork, poultry industries. He has been and continues to be instrumental in developing and implementing several industrial and modernization programs through the United Nation to European, Asian, and African countries. He is the first to introduce and implement unmanned flexible synchronous/asynchronous manufacturing systems the microelectronic and meat industries, and the first to incorporate advanced vision technology in a wide array of robot/micro-robot manipulators. Dr. Soloman was selected to deliver the US Presidential closing address, "Innovative Remote Sensors Technologies," at the Universal Design Conference, New York, USA



Learning ASP.Net and C#.Net

Author :	Ramesh Bangia
ISBN 13 :	978-93-81068-60-1
ISBN 10 :	9381068607
E-ISBN 13 :	978-93-81068-60-1
Edition :	1
Pages :	272
Type of book :	Physical
Year :	2012
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.

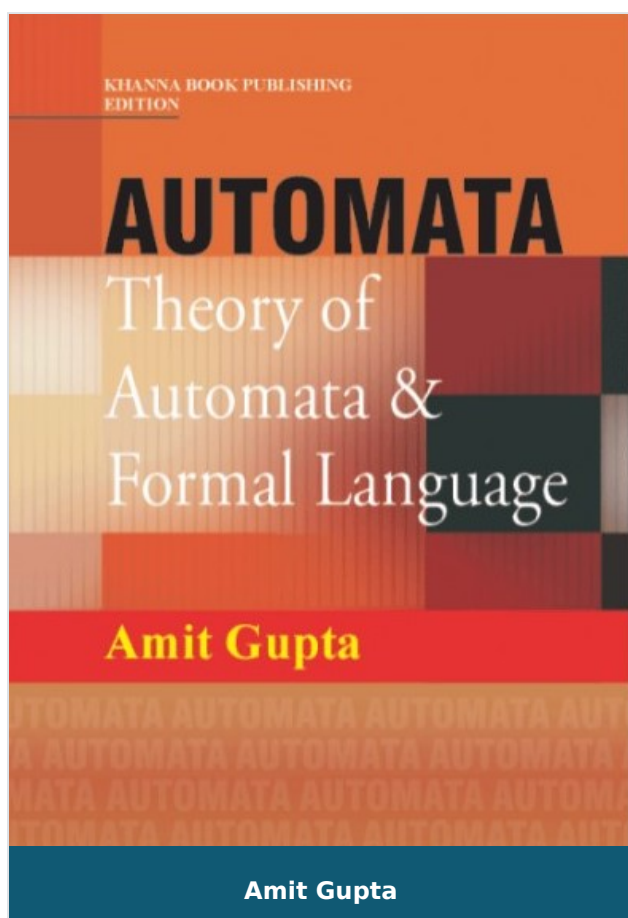
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- Introduction to ASP.Net 4.0
- Using Standard Controls
- Using the Navigation Controls
- Designing Websites with Themes
- Introduction to C# 4.0
- Introducing Classes and Objects in C#
- Arrays and Strings in C#
- Operators and Overloading in C#
- 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.



Theory of Automata and Formal Languages

Author :	Amit Gupta
ISBN 13 :	978-93-80016-08-5
ISBN 10 :	9380016085
E-ISBN 13 :	978-93-80016-08-5
Edition :	1
Pages :	456
Type of book :	Physical
Year :	2010
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 275.00
Categories :	Computer Science Engineering, Book Store
Condition Type :	New
Country Origin :	India

Product Description

Easy-to-read & write style. A step-by-step solution of DEA & NFA approach that is used in almost all DFA & NFA approach that is used in almost all DFA & NFA examples in chapter 03 (Finite State Machine). Every chapter is supported with multiple choice questions, theoretical questions and numerical for better practice. Due care is taken to balance the mix of notations and words in mathematical statements. The book is presented with an approach to explain the concepts in lucid style and comprehensible language. A large number of attractive and accurate figure and graphs have been drawn which enable students to grasp the subject in an easy way. Systematic and sequential arrangement of different topics. Rich pedagogy..

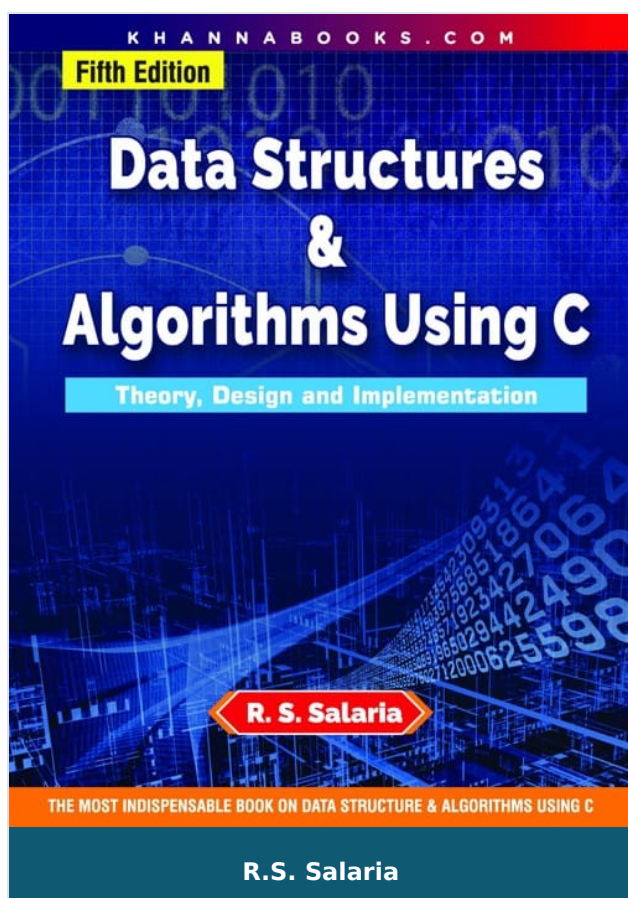
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- Mathematical Preliminaries
- Formal Languages
- Finite State Machine
- Regular Expressions and Regular Grammar
- Context-free Grammar
- Pushdown Automata
- Turing Machine
- Decidability and Indecisiveness (Undecidability)
- Theory of Recursive Function and Intractability
- Propositions and Predicates

Author

Amit Gupta

Amit Gupta: Asst. professor, Department of CS & IT, Rakshpal Bahadur Management Institute, Bareilly.



Data Structures & Algorithms using C

Author :	R.S. Salaria
ISBN 13 :	978-93-81068-58-8
ISBN 10 :	9381068585
E-ISBN 13 :	978-93-81068-58-8
Edition :	5
Pages :	552
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 550.00
Categories :	Computer Science Engineering, Book Store
Condition Type :	New
Country Origin :	India

Product Description

Provides a comprehensive coverage of the subject, Includes numerous illustrative examples, Demonstrate the development of algorithms in a lucid manner, Demonstrate the implementation of algorithms in a good programming style, Provides challenging programming exercise to test your knowledge gained about the subject, Glossary of terms for ready reference.

Table Of Contents

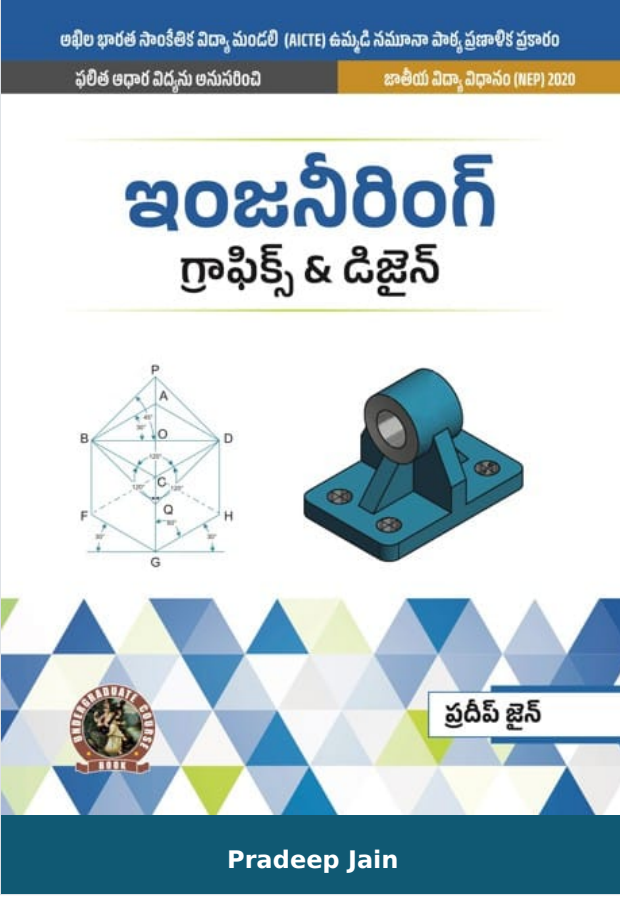
- Essentials of C Language
- Overview of Data Structures
- Program Design and Development
- Arrays & Matrices
- Strings
- Linked Lists
- Stacks
- Quacks
- Trees
- Heaps
- Graphs
- Hash Tables and Hashing
- Sorting, Searching & Merging
- Files
- Glossary
- Index

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>



Engineering Graphics & Design

Author :	Pradeep Jain
ISBN 13 :	978-93-91505-64-6
ISBN 10 :	9391505643
E-ISBN 13 :	978-93-91505-64-6
Edition :	1
Pages :	304
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 295.00
Categories :	AICTE Prescribed Textbooks, Telugu Books, Book Store, Ebooks
Condition Type :	New
Country Origin :	India

Product Description

This textbook “Engineering Graphics and Design” is based on the latest outcome based model curriculum of the AICTE. The book covers complete syllabus catering requirements of all major technical universities and institutes and provides insights into traditional engineering graphics as well as treats of the subject using 2D and 3D design software. It offers technical details, current standard, real world examples and clearly explains theory and technique in highly visual and concise format. The topic covered in this book are arranged into 9 chapters comprising self-explanatory diagrams and solved examples.

Salient Features:

1. Introduction of Engineering Drawing.
2. Orthographic Projection.
3. Projection of Solids.
4. Section of Solids and Development of Surfaces.
5. Isometric Projection.
6. Overview of Computer Graphics.
7. CAD Drawing.
8. Solid Modelling.
9. Team Design Project.

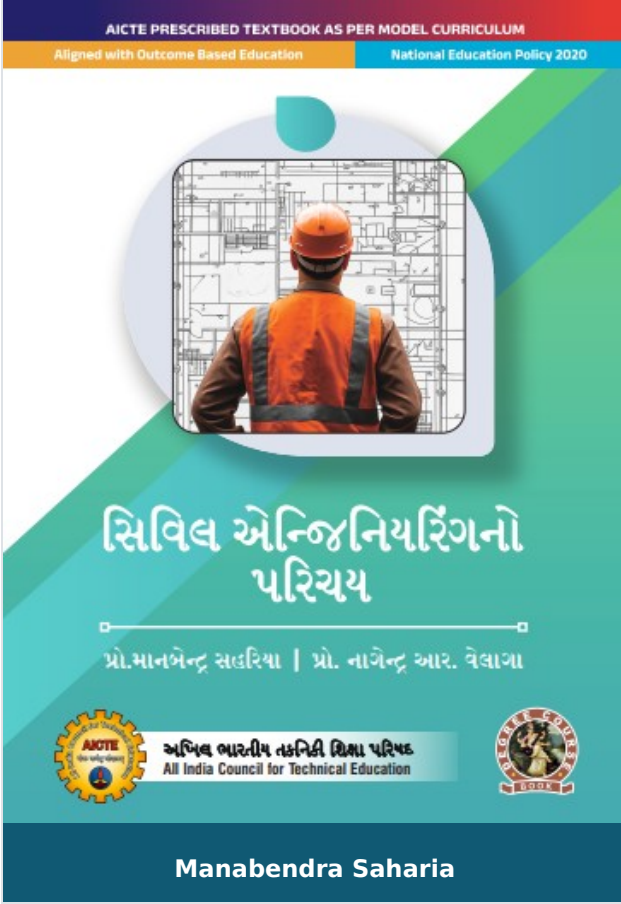
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- Foreword
- Acknowledgement
- Preface
- Outcome Based Education
- Course Outcomes
- Abbreviations and Symbols
- List of Figures
- List of Tables
- Guidelines for Teacher
- Guidelines for Students
- Introduction of Engineering Drawing.
- Orthographic Projection.
- Projection of Solids.
- Sectional Views of Solids.
- Isometric Projection.
- Overview of Computer Graphics.
- Customization & CAD.
- Annotation Layers and 3D Modelling.
- Reference
- CO and Po Attainment Table
- Index.

Author

Pradeep Jain

Pradeep Jain has 15 years of experience in teaching and industry in CAD/CAM. presently he is working as an associate professor in the Department of Mechanical Engineering, Ajay Kumar Garg Engineering College, Ghaziabad. He is providing training and consultancy in CAD/ CAM field.



Introduction to Civil Engineering

Author : Manabendra Saharia

ISBN 13 : 978-93-55383-92-1

ISBN 10 : 9355383924

E-ISBN 13 : 978-93-55383-92-1

Edition : First

Pages : 220

Type of book : Physical

Year : 2026

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 348.00

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

Condition Type : New

Country Origin : India

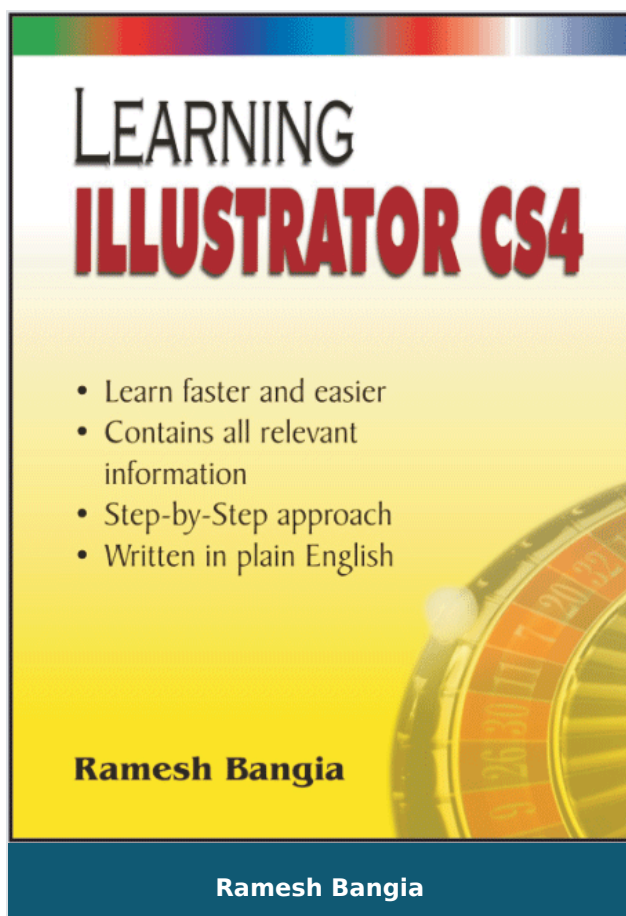
Product Description

Introduction to Civil Engineering

Author

Manabendra Saharia

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



Learning Illustrator CS4

Author :	Ramesh Bangia
ISBN 13 :	978-93-80016-47-4
ISBN 10 :	9380016476
E-ISBN 13 :	978-93-80016-47-4
Edition :	1
Pages :	180
Type of book :	Physical
Year :	2010
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

Learning of a software is both easy and difficult. It depends upon what level you planning to learn. If you are learning only for the working use, then it is very easy. But, when you try to go deep into it, then you realise how difficult it is to master it. Illustrator CS4 is such a vast subject that it will take a lot of time to understand it fully. This book has been written in mind to make you aware of the options available in the software and how they can be used. It is like telling the child about the steps and stairs. You are the one who is to climb the stair. This book will just guide you how to use the stairs.

Table Of Contents

- Getting to know Illustrator CS 4
- Tools of Illustrator CS 4
- Handling text in Illustrator CS 4
- More Commands of Illustrator CS 4
- Keyword Shortcuts of Illustrator CS 4
- 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.