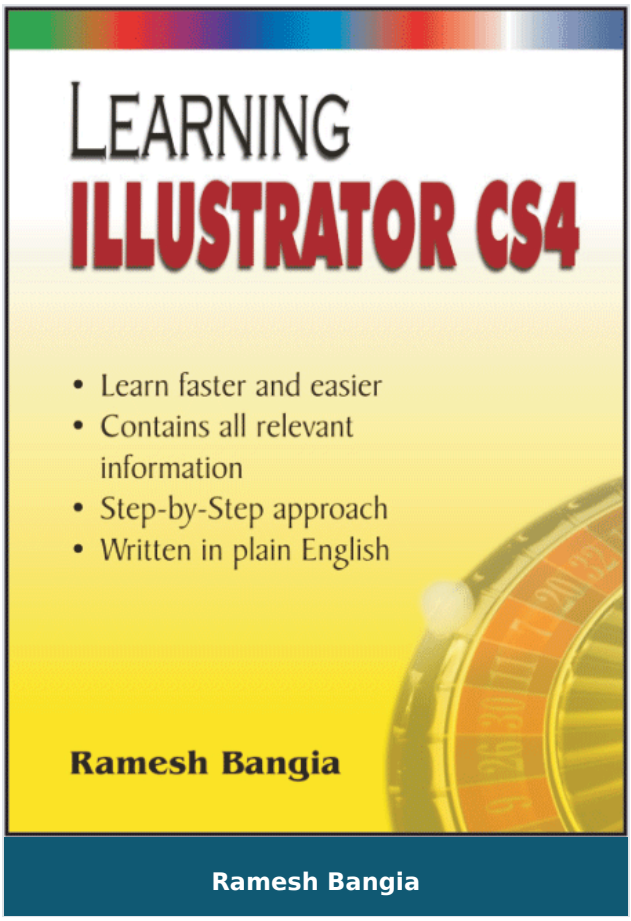


Ramesh Bangia

Learning Illustrator CS4

Author :	Ramesh Bangia
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Language :	English
Publisher :	Khanna Publishing House
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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.

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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

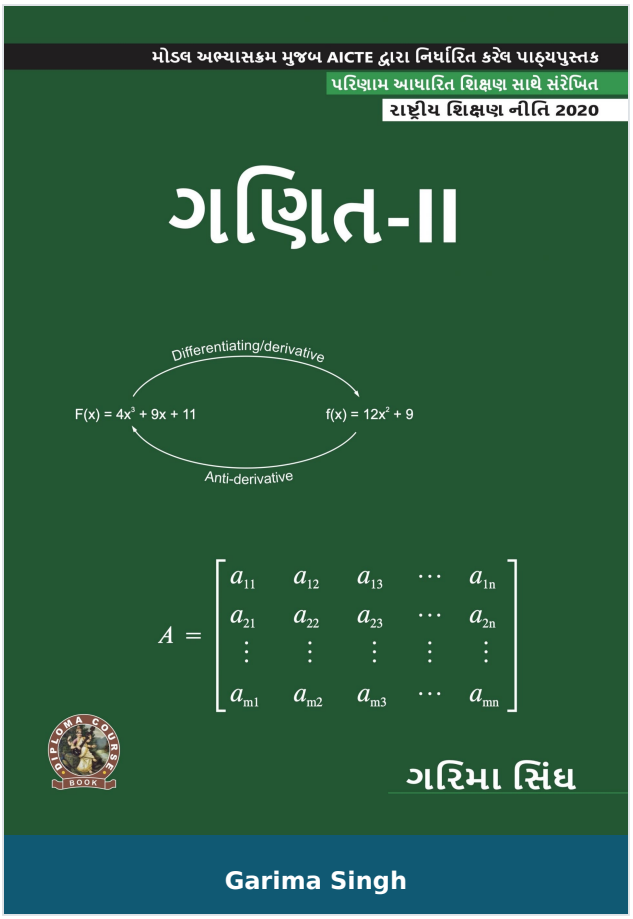
Ramesh Bangia

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 Ease and African countries.

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Mathematics - II

Author :	Garima Singh
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E-ISBN 13 :	978-93-55380-43-2
Edition :	First
Pages :	156
Type of book :	Physical
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Publisher :	Khanna Publishing House
M.R.P :	Rs 395.00
Categories :	AICTE Prescribed Textbooks, Gujarati Books, Book Store, Ebooks
Condition Type :	New
Country Origin :	India

Product Description

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

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

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

Some salient features of the book:

1. For direct recapitulation of main concepts, formulae and results a brief summary of each unit has been given.

2. Objective questions and subjective questions are given for practice of students after every unit.

3. Content of the book is aligned with the mapping of Course Outcomes, Programs Outcomes and uni Outcomes.

4. Apart from the theory explanation and solved examples book provides for mini projects, activities, fun facts, QR codes, case studies, video resources etc.

5. The text has been supplemented with notes, remarks, remember sections within grey boxes.

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6. Student and teacher centric subject materials are included in the book in a balanced manner.

7. Real life applications are inserted to improve clarity of this topics.

8. Know more section has been introduced which constitutes of additional information related to the topic.

9. Check-out section has been introduced so as to active the curiosity part of the student by correlating all the topics studied in this book with MATLAB.

10. At the end of each unit. An excerpt related to eminent Indian Mathematicians is given so as to make .

11. Student have a glimpse of the rich Indian heritage, especially in the field of mathematics.

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Table Of Contents

- Foreword,
- Acknowledgement,
- Preface,
- Outcome Based Educations,
- Course Outcomes,
- Abbreviations and Symbols,
- List of Figures,
- Guidelines for Teachers,
- Guidelines for Students
- Determinants and Matrices
- Integral Calculus
- Co-ordinate Geometry
- Vector Algebra
- Differential Equations
- Appendices & Annexures

Author

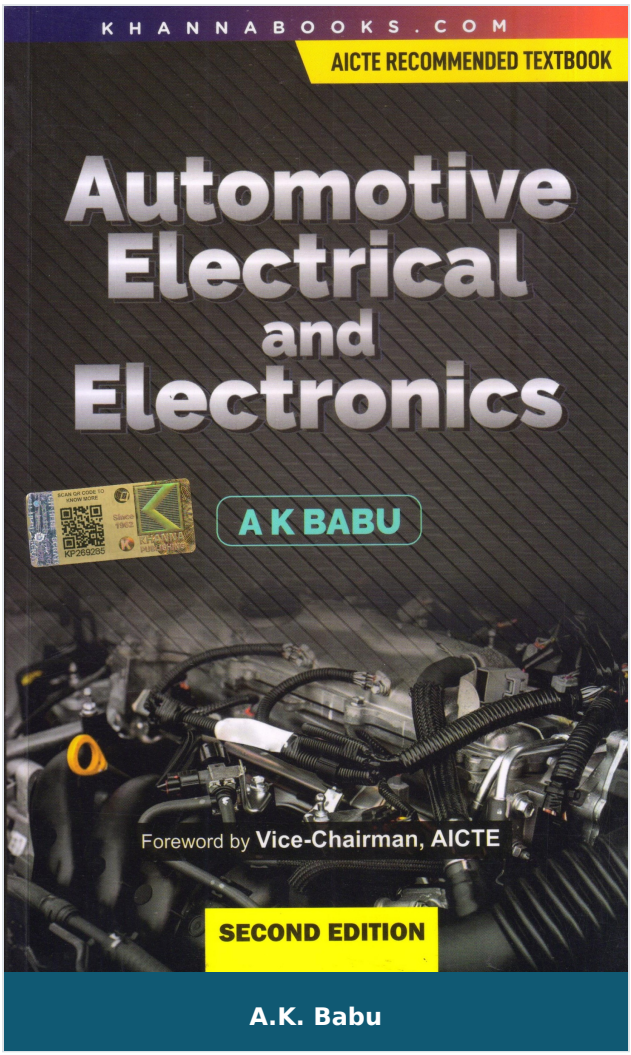
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Automotive Electrical and Electronics

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Edition :	Second
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Product Description

Automobile engineering is a field that has been witnessing tremendous technological developments in recent years, noteworthy among them being next generation hybrid cars and self-driving cars. This book is designed for students who take up the study of the subject 'Automotive Electrical and Electronics' as part of the curriculum requirements of the Automobile Engineering Degree as per the latest revised syllabus of all Indian Universities. The book offers a clear introduction to the Electrical and Electronics Components and Systems used in modern today's vehicles with the aid of several illustrations to facilitate easy comprehension and full understanding. It is anticipated that this comprehensive book will be a valuable source of information and reference to not only undergraduate and postgraduate students but also to the teaching fraternity. Key topics are given due emphasis and important concepts are reinforced with the help of numerous illustration enabling better understanding. It is sincerely hoped that this resource and reference book, written with the intention to provide a sound grounding, will ignite young minds and spark the desire for learning.

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Table Of Contents

- Fundamentals of Electricity
- Chapter
- Vehicle Electrical System
- Chapter
- Battery
- Chapter
- Charging System
- Chapter
- Starting System
- Chapter
- Ignition System
- Chapter
- Electronic Ignition System
- Chapter
- Automotive Wiring
- Chapter
- Lighting System
- Chapter
- Accessories
- Chapter
- Electronic Engine Management
- Chapter
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- Chapter
- Microcomputer Controlled Devices
- Index

Author

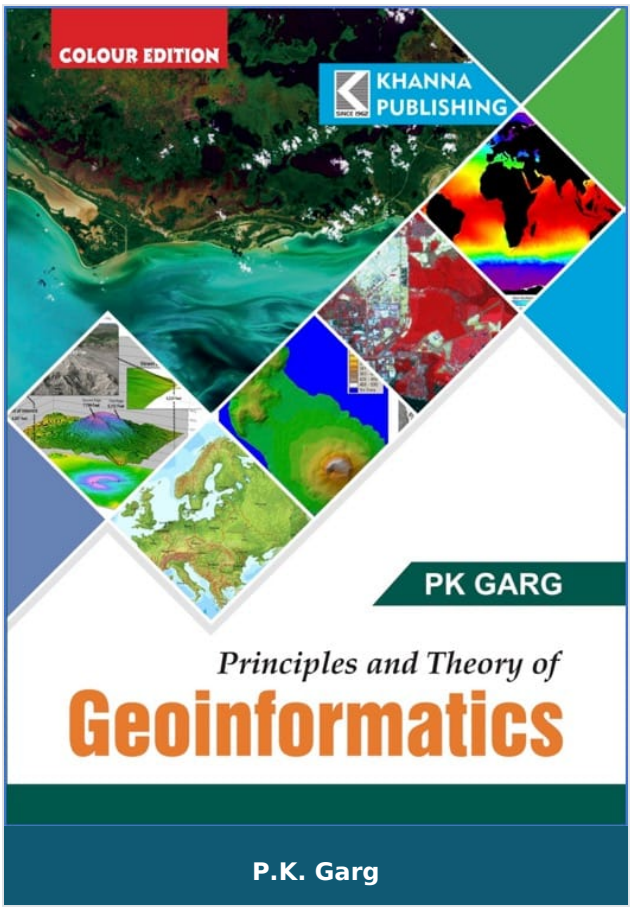
A.K. Babu

A.K. Babu A.K.Babu is working as Associate Professor in the Department of Automobile Engineering, SRM Easwari Engineering College, Chennai, India. He has over 18 years of experience in teaching, research and industry. A.K.Babu, completed his Master Degree in Automobile Engineering from Madras Institute of Technology (M.I.T.), Anna University (1997). He has served in other countries like Malaysia, Ethiopia and Eritrea for more than 5 years. A.K.Babu has published considerable number of research papers in international journals and conferences. His research paper published in SAE Journal of Fuels and Lubricants awarded one the most outstanding papers in the year 2003.

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Principles and Theory of Geoinformatics

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Product Description

Geoinformatics combines photogrammetry and remote sensing, image processing as well as other digital spatial data collection methods like GPS, field measurements, digitizing and scanning of maps, spatial data analysis algorithms and geographical data management, and visualization. It is one of the important tools that can help us to map and monitor the changes in the environment and on Earth, Geoinformatics, being multi-disciplinary in nature, is a fast growing area to solve real world problems by bringing together technologies and tools required for acquisition, exploration, visualization, analysis and integration of various spatial data.

The main key feature of this book is that it concisely covers all the major topics of geoinformatics; Photogrammetry, Remote Sensing, GPS and GIS, so that UG & PG students and researchers can understand the theory of land data collection & mapping, and subsequently the analysis from these maps. The structure and character of spatial and non-spatial datasets are also described.

The book covers basic geoinformatics tools and techniques which encompass a wide range of equipment, images and software, such as laser based devices, LiDAR, UAV/Drone, Aerial and terrestrial photographs, optical, Thermal, microwave and hyperspectral images, GPS, and GIS. The utility and application areas of these data collection techniques are presented in a simple language. This book will be extremely useful to students to understand the principles and theory of Geoinformatics that are crucial for several applications on the Earth surface.

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Table Of Contents

- GEOINFORMATICS
- PHOTOGRAMMETRY
- REMOTE SENSING
- GLOBAL POSITIONING SYSTEMS
- GEOGRAPHIC INFORMATION SYSTEMS

Author

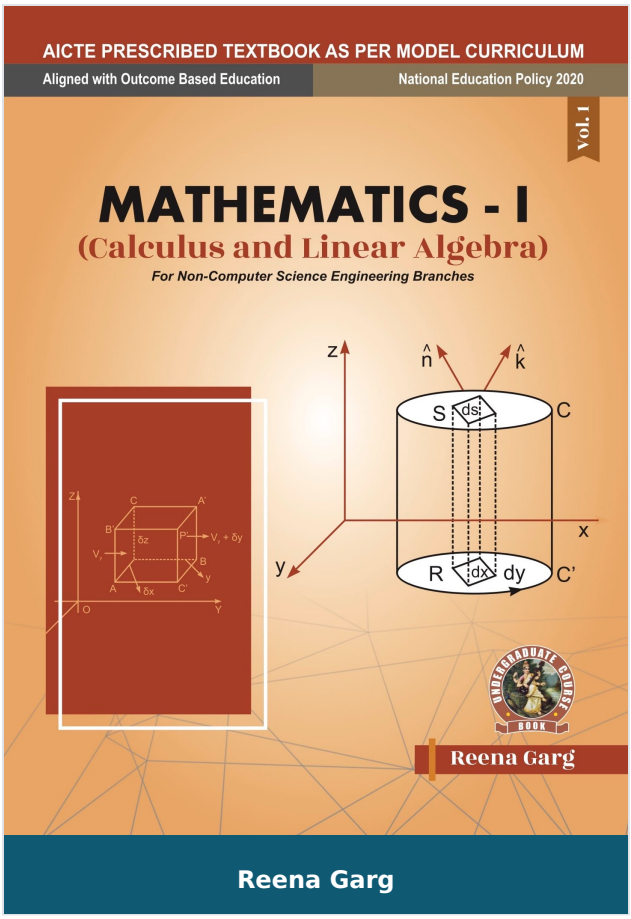
P.K. Garg

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

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Mathematics-I (Calculus and Linear Algebra) For Non Computer Science Engineering Branches

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Categories :	AICTE Prescribed Textbooks, English Books, Book Store, Ebooks, APPPLIED SCIENCES & HUMANITIES
Condition Type :	New
Country Origin :	India

Product Description

Calculus, Multivariable Calculus and Linear Algebra covers all the Modules prescribed by AICTE. Model curriculum to all the 1st year students (except CSE) studying in engineering institutions and universities of the country. It serves as both text book and / or useful reference work. It contains 5 units which include calculus, matrices, sequences & series and multivariable calculus along with their applications. This renowned and well respected title provides in one handy volume with the essential mathematical tools that helps in understanding the subject and problem solving techniques with many real life engineering applications. As per trademark of AICTE, this book is in student friendly style, author has endeavored enormous efforts in providing numerous solved examples and exercise under each topic to facilitate better understanding of the concepts to the students. Majority of Questions in this book have been designed to success the reader understands of the subject. Professionals or those who are preparing for competitive examinations will also find this book very useful. This book will give the students a complete grasp of the mathematical skills that are needed by engineers all over the country.

Some Salient Features of the Book:

1. In depth coverage of all related, essential and mentioned topics as per AICTE in simple presentation with clarity and accuracy.

2. Emphasis on the applications of concepts and theorems.

3. Core concepts are presented through a large number of solved graded model examples in an innovative and lucid manner.

4. A good number of relatively competitive problems are given at the end of each unit in the form of short questions, HOTS, assignments, MCQs and know more for student’s practices purpose. Practical /Projects/ Activity also given in each unit for enhancing the

student’s capability, to increase the feeling of team work.

5. To clarify the subject, the text has been supplemented through Notes, Observations and Remarks; an attempt has been made to explain the topic through maximum use of geometries wherever possible.

6. Some standard problems with sufficient hints have been included in each exercise to gauge the student’s visual understanding and for grasp the theory.

7. Video links, interesting facts, uses of ICT also included after each topic in every unit for easy understanding of the readers. Also included the pictorial representations of many topics for fast and permanent grasping of the content.

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Table Of Contents

- Foreword
- Acknowledgement
- Preface
- Outcome Based Education
- Course Outcomes
- Abbreviations and Symbols
- List of Figures
- Guidelines for Teachers
- Guidelines for Students
- Calculus-I
- Calculus-II
- Sequences
- and Series
- Multivariable
- Calculus –I
- Matrices
- Index
- and Po Attainment Table.

Author

Reena Garg

Dr. Reena Garg , M.Sc. Mathematics (Gold Medalist), M.Phil, Ph.D is Assistant Professor (Mathematics) in YMCA University of Science & Technology, Faridabad (Haryana). She

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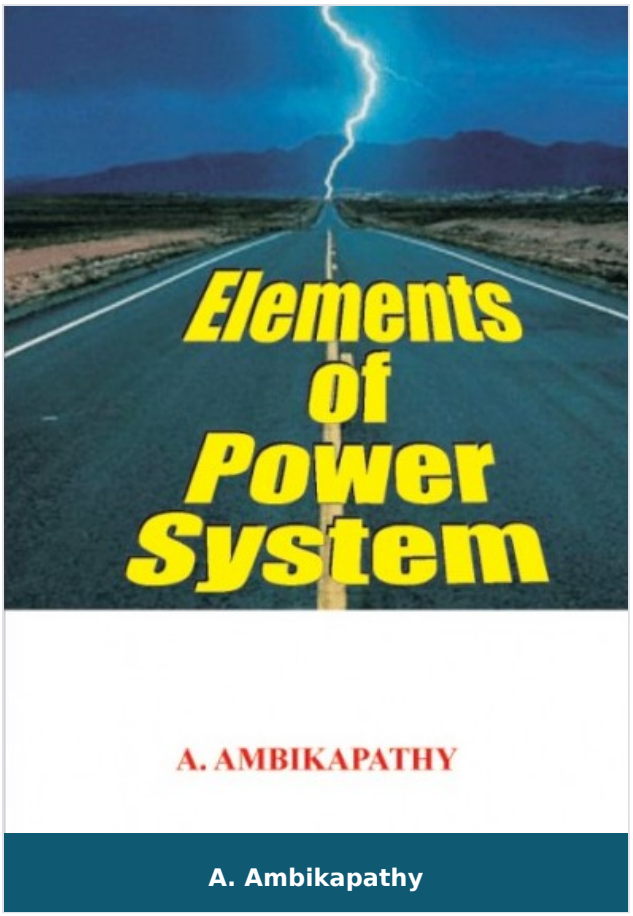
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also taught in C.I.T.M. Faridabad (presently known as Manav Rachna International University, Faridabad). Her teaching experience of more than a decade has made this book more valuable for the knowledge seekers.She has published more than 10 research papers in various InternationalJournals. She is a life-time member of Forum of Inter-disciplinary mathematics in India. She is a member of reviewer Board in IJRET, Bangalore.

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A. Ambikapathy

Elements of Power System

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Product Description

The textbook on "Elements of Power System tell about the basic concepts of power system in a detailed manner. This book contains the brief explanation string and their efficiency and sag calculations. All the concepts are explained in a easy way so that students can understand them well. The clear information's are given about the construction of cables and insulators in detail with neat diagram.

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Table Of Contents

- Power System Components
- Overhead Transmission Lines
- Corona Interference
- Mechanical Design of Transmission Line
- Neutral Grounding
- Question and Answers
- Review Questions

Author

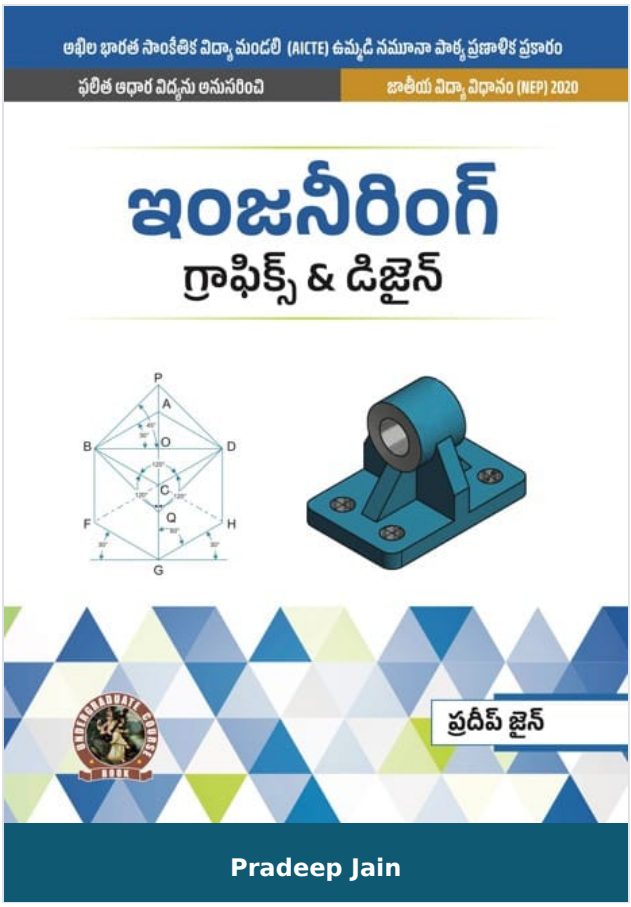
A. Ambikapathy

A. Ambikapathy currently working as an assistant professor in " Galgotia College of Engineering and Technology " holds M. Tech degree. She has presented five papers in national level conferences. She worked under three different universities and having ten years of teaching experience.

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Engineering Graphics & Design

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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.
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Table Of Contents

- 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
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Author

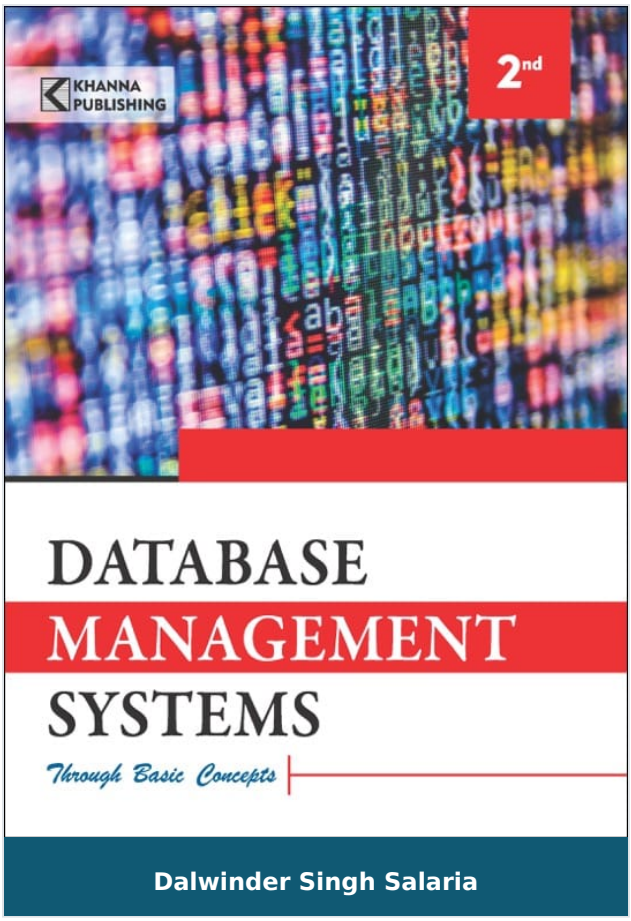
Pradeep Jain

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.

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Database Management Systems

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Product Description

This book is specially designed to serve as first level textbook on the subject of Database Management Systems. The Subject of DBMS is of prime importance foe the students of Computer Science and IT. It is of practical nature and requires thorough understanding of basics and concepts of the subject before putting them into practice. The best efforts are put in to the material in an illustrative manner that is easy to red and understand.

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Table Of Contents

- Introduction and Overview
- Data Models
- Relational Model
- Structure Query Language
- Relational Database Design
- Transaction Processing System
- Security
- PL/SQL
- Distributed Database
- New Application

Author

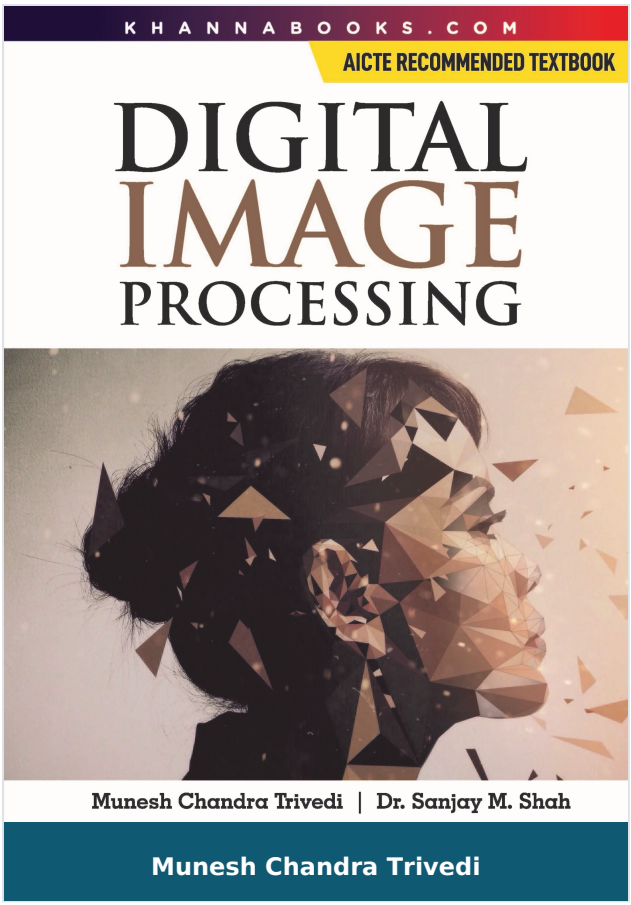
Dalwinder Singh Salaria

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Digital Image Processing

Author :	Munesh Chandra Trivedi
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Product Description

There are many books available in the market on the proposed topic but none of them can be termed as comprehensive, Besides, students face problem in understanding the language of the books, seeing these problems, it struck our mind that we should come up with a book in A Classroom approach of Digital Image processing, which should be simple enough to comprehend and comprehensive enough to encompass all the topics of different institutions and Universities.

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Table Of Contents

- Introduction to Image Processing
- Image Enhancement in Spatial Domain
- Image Enhancement in Frequency Domain
- Image Restoration
- Color Image Processing
- Morphological Image Processing
- Registration
- Image Segmentation
- Feature Extraction
- Object Recognition
- Image Coding and Compression
- Introduction to Matlab

Author

Munesh Chandra Trivedi

Dr. Munesh Chandra Trivedi has more than 20 years of experience in the field of computer science & Engineering and has worked in Prestigious Institutions. He has more than 10 years' experience in various administrative responsibilities e.g., Dean (academics), Head of Department, TEQIP-111 Coordinator, PG coordinator, EDC cell Coordinator. Currently working Tripura, India, and Associate Professor and HoD (IT), Rajkiya Engineering College, Azamgarh, up (state Govt Institution of UP) with the additional responsibility of Dean Academics of the institute & Associate Dean UG Programs, Dr. APJ Abdul Kalam Technical University, Lucknow (State Technical University). He was also the Director (In-charge) at Rajkiya Engineering College,

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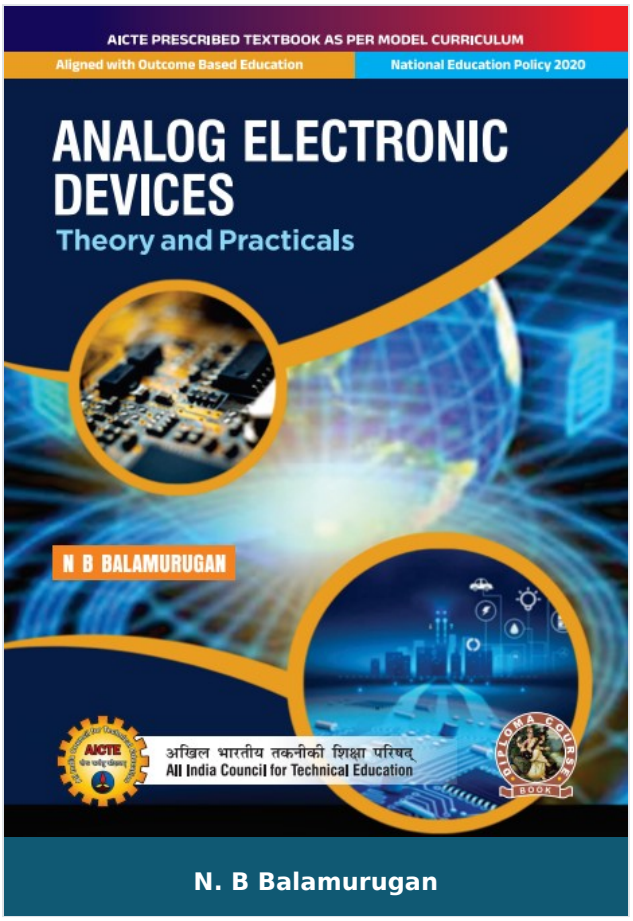
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Azamgarh. He had successfully filed 81 patents (65 National and 16 International Patents (Germany, South Africa, and Australia)), out of which 40 patents were granted. He has published 12 textbooks and 168 research papers in different International Journals and proceedings of repute. He has also edited 38 books for springer Nature. He successfully supervised 14 PhD students and received numerous awards, including the Young scientist Visiting Fellowship, Albert Einstein Research scientist Award, Best senior Faculty Award, Outstanding Scientist, Dronacharya Award, Author of the Year, and vigyan Ratan award from different national, as well as international forums. He has organized more than 32 international conferences technically sponsored by IEEE, ACM, AND Springer. Dr.

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Product Description

Analog Electronic Devices: Theory and Practicals

This book gives detailed description about quantum Mechanics, quantum theory of solide, semiconductor material physics, and semiconductor device physics together. Logical organization and a wide variety or problems with their stop-by-stop solutions makes this book a perfect offering on the subject.

Salient features:

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- 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.
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- 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.
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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
- Semiconductor Physics
- Semiconductor Diodes
- Application of Diode
- Bipolar Junction Transistor
- Field Effect Transistor
- Integrated Circuit Fabrication Process
- Table of Physical Constants
- Index

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Product Description

Software Project Management

Software Project Management provides a crucial integration of core management principles with the technical expertise of software engineering. As the complexity of modern software systems grows, effective management practices are more essential than ever.

This book is meticulously designed to equip both students and professionals with the knowledge and practical tools necessary to navigate the challenges of the software development lifecycle. It guides readers through the entire process, encompassing everything from initial project planning and effort estimation to continuous monitoring, risk control, and ensuring software quality.

By mastering the methodologies and techniques presented, you will learn to manage projects that are completed on time, within budget, and to the required standards of quality. The text emphasizes that successful project execution requires a balanced approach, highlighting the vital role of teamwork, leadership, and communication alongside technical expertise. Ultimately, this is the definitive resource for anyone seeking to master the art of delivering high-quality software products.

Salient Features:

- **Project Evaluation and Strategy**: Learn to categorize, evaluate, and align projects with business goals using Project Evaluation, Programme Management, and Cost-Benefit Evaluation Techniques (like ROI and NPV).
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- **Activity Planning**: Detailed guidance on Activity Planning, Project Schedules, and Network Planning models for sequencing and scheduling tasks.
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- **Monitoring and Control**: Techniques for creating a monitoring framework, Collecting Data, conducting Reviews, performing Earned Value Analysis, and managing Software Configuration.
- **Software Quality Assurance**: Defines and measures quality using models like ISO 9126, Product and Process Metrics, and introduces Process Capability Models (like CMMI).
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Table Of Contents

- Introduction to Software Project Management
- Selection of Appropriate Project Approach, Effort Estimation
- Activity Planning and Risk Management
- Monitoring and Control
- Software Quality

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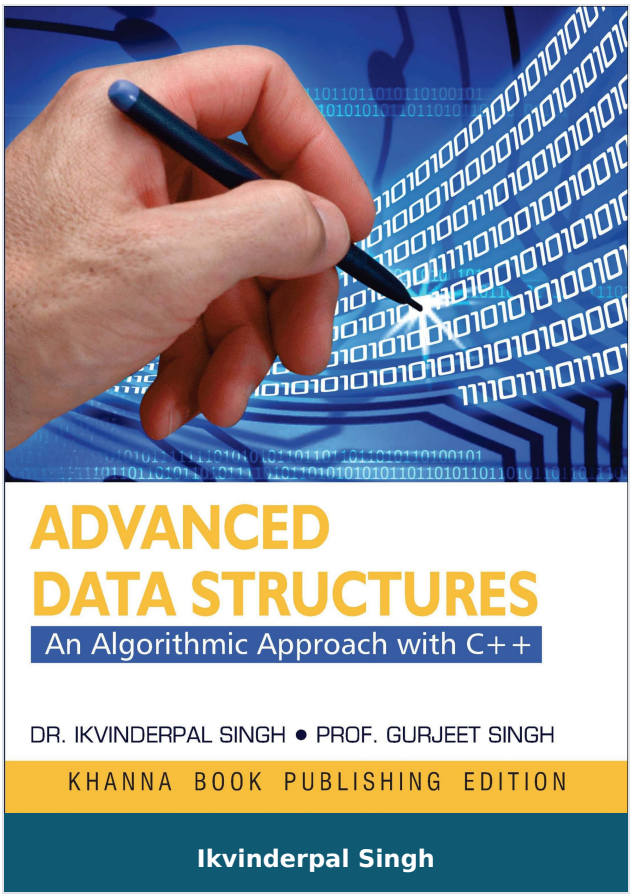
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Advanced Data Structures

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Product Description

Each chapter begins with an outline an overview, and a list of learning objective. Extensive coverage of data Structure basics, pictorial representation of each and every Data Structures in given in detail. Covers all tree structures like binary tree, binary search trees, AVL, B+-tree and red black trees in detail. Brief introduction to binary heaps, heap operations, specifications, implementation and applications is covered. Demonstration the development of algorithms is a lucid manner. Includes numbers illustrative examples to understand the topic easily. Demonstrates the implementation of algorithms in a good programming style. Diagrams are used extensively throughout the text. Contains numerous theory questions at the last of each chapter. Gives detailed description of advanced head structures, priority queue operations, and double ended priority queues in lucid manner. Includes the concepts like dictionaries, binomial heaps, Fibonacci heaps. Data structures for disjoint sets, tables and table operations. Gives detailed description of amortized analysis, starting matching, and graph algorithms. Detailed analysis of each and every sorting and searching technique is covered with the help of programming examples. Presents various external data structures-external storage, external files, external sorting searching indexing files, external hashing. Brief introduction to the concept of file and storage management.

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Table Of Contents

- Elementary Data Structures
- Review of Algorithm Analysis
- Trees
- Binary Search Trees
- Red Black Trees
- B Trees
- AVL Trees
- Trees
- 3-4 Trees
- Heaps
- Advanced Heap Structures
- Dictionaries
- Binomial Heaps
- Fibonacci Heaps
- Data Structures For Disjoint Sets And Tables
- Amortized Analysis
- String Processing
- Graphs
- Sorting And Searching Techniques
- External Data Structures
- External Hashing
- Dynamic Storage Management

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