



Mathematics I

Author :	Deepak Singh
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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.

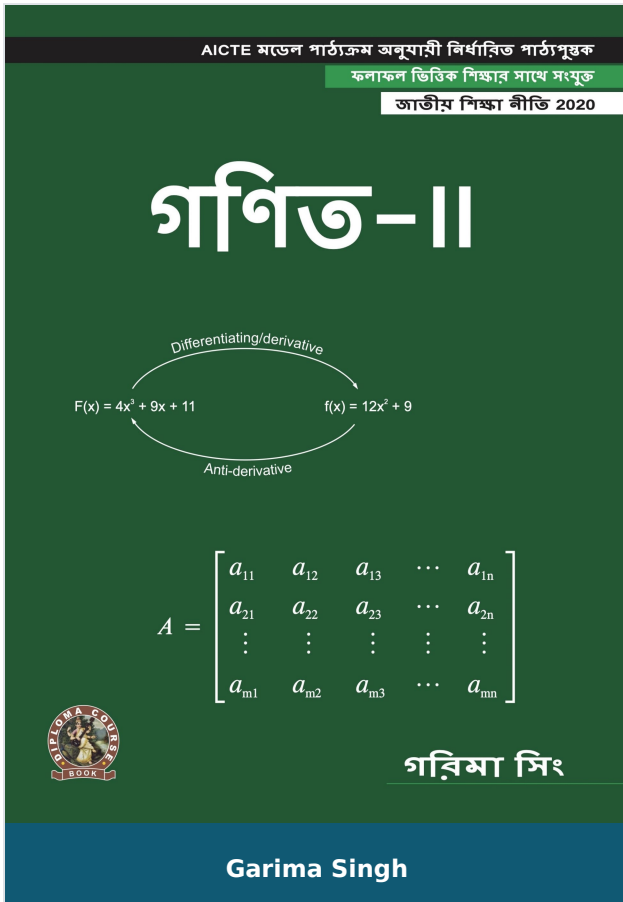
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- Trigonometry
- Functions and Limit
- Differential Calculus
- Complex Numbers and Partial Fraction
- Permutation and Combination, Binomial Theorem
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- CO and PO attainment Table
- Index

Author

Deepak Singh

Deepak Singh



Mathematics - II

Author : Garima Singh

ISBN 13 : 978-93-55381-42-2

ISBN 10 : 9355381425

E-ISBN 13 : 978-93-55381-42-2

Edition : First

Pages : 176

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Year : 2022

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Publisher : Khanna Publishing House

M.R.P : Rs 395.00

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

Condition Type : New

Country Origin : India

Product Description

“Mathematics-II” 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.

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.

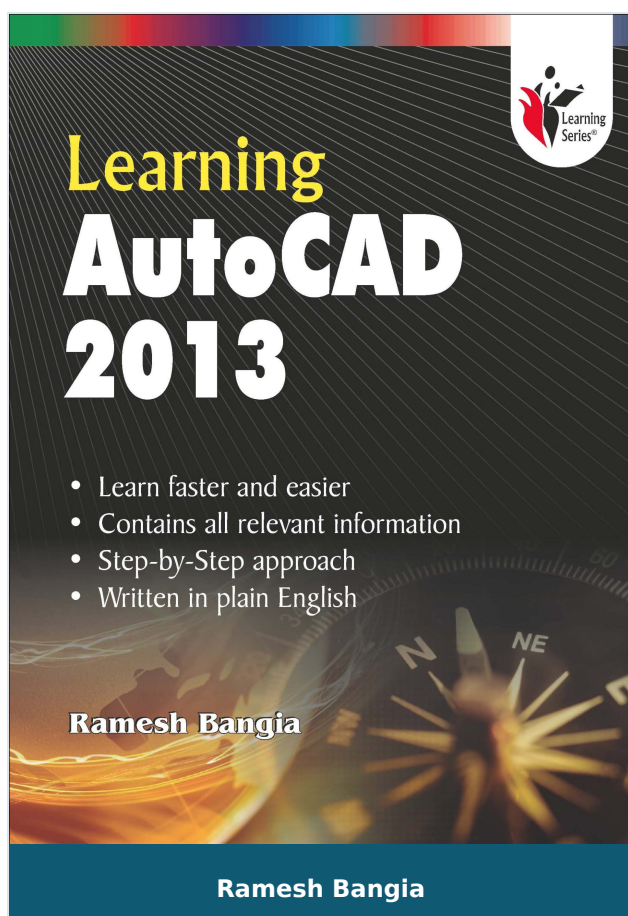
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- Foreword,
- Acknowledgement,
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- Outcome Based Educations,
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- Abbreviations and Symbols,
- List of Figures,
- Guidelines for Teachers,
- Guidelines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

Author

Garima Singh

Garima Singh



Learning AutoCAD 2013

Author :	Ramesh Bangia
ISBN 13 :	978-93-81068-97-7
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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.

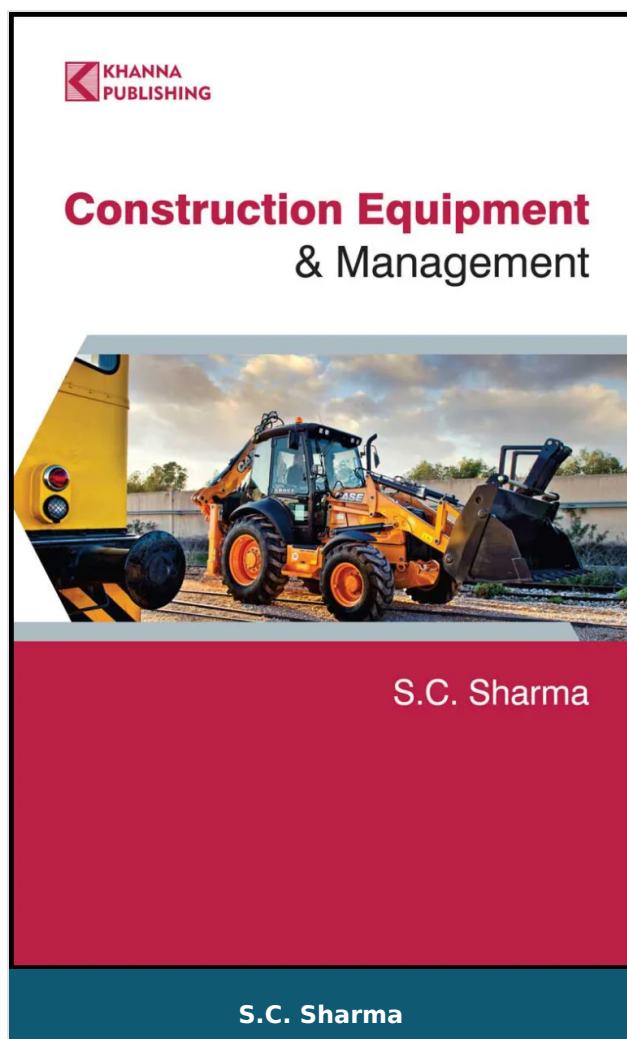
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- Introduction To AutoCad2010
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- Working With AutoCad 2013
- More Commands Of AutoCad 2013
- Setting System Variables Of AutoCad 2013
- System Variables Of Auto Cad 2013
- Commands Of AutoCad 2013
- Keyboard Shortcuts Of AutoCad 2013
- Glossary Of Keywords Of AutoCad 2013
- Questiton

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.



Construction Equipment & Management

Author :	S.C. Sharma
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Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 399.00
Categories :	Civil Engineering, Civil Engineering, Book Store
Condition Type :	New
Country Origin :	India

Product Description

The book will help the students to understand various equipment various equipment used in different types of construction works, and aspects related to the management of theses construction equipment. The book will meet the requirement of construction engineers to become thoroughly familiar with the working, application, upkeep, and optimizing the production of the wide range of modern construction equipment.

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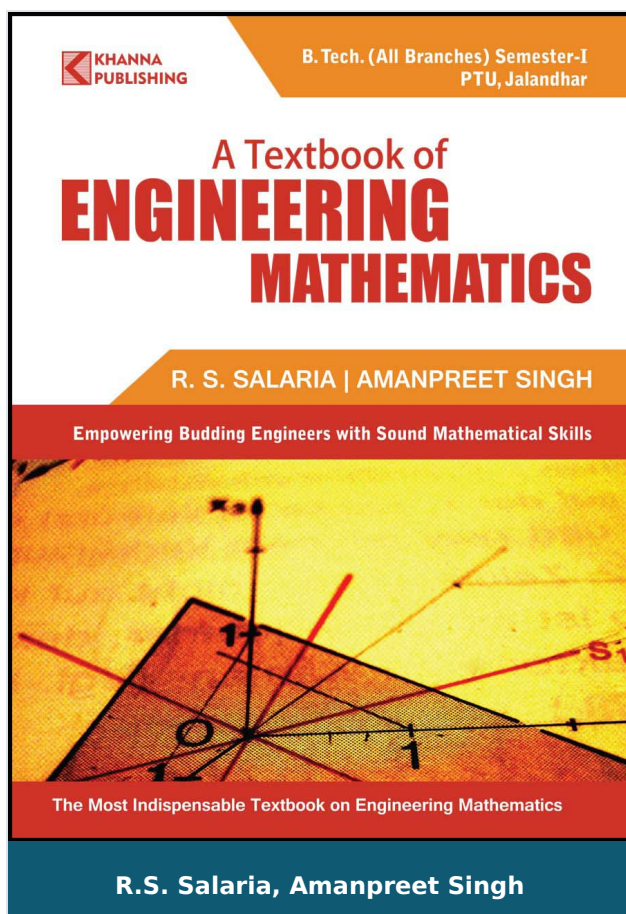
- PART- I EQUIPMENT MANAGEMENT
 - Equipment Management in Construction Projects
 - Maintenance Management
 - Economics of Construction Equipment
 - Safety Management in Construction
- PART -II EARTHWORK EQUIPMENT
 - Earth-Moving Equipment
 - Excavators
 - Compaction Equipment
 - Finishing/Grading Equipment
 - Hauling Equipment
- PART -III CONCRETE AND ASPHALT PLANTS
 - Aggregate Production
 - Concreting Equipment
 - Asphalt Mixing and Laying Equipment
- PART - IV OTHER CONSTRUCTION EQUIPMENT
 - Shovels Cable Operated Equipment
 - Drilling and Blasting Equipment
 - Tunnelling Equipment
 - Pumping and Dewatering Equipment
 - Pile Driving Equipment
- PART -V MATERIALS HANDLING EQUIPMENT
 - Introduction to materials Handling

- Hoisting Equipment
- Transportation Equipment for Materials Handling
- Conveying Equipment
- Latest Developments in Construction
- Appendices
- Index

Author

S.C. Sharma

S.C. Sharma after graduation in 1966 joined as lecturer in Mechanical Engineering. He had been associated for more than 4 decades in various fields including learning and management of projects in India and abroad in different capacities. While working Hydro power projects for more than 15 years he has actively associated with various environmental and rehabilitation & resettlement issues and successfully resolved various complicated issues. He has also worked as consultant for matters related to safety, environment and R & R. He has written about a dozen books on subjects related to engineering and management including management of projects.



A Textbook of Engineering Mathematics (PTU-I)

Author : R.S. Salaria, Amanpreet Singh

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Edition : 1

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M.R.P : Rs 350.00

Categories : [APPLIED SCIENCES & HUMANITIES, Book Store,](#)
[APPLIED SCIENCES & HUMANITIES](#)

Condition Type : New

Country Origin : India

Product Description

The subject of Engineering Mathematics is an integral part of the course curriculum of Bachelor of Engineering/Technology (BE/B. Tech) program of all Indian Universities. The present state of teaching and learning of Mathematics is not that encouraging. A lot has to be done on both the Fronts.

The book in your hand is a first step of our commitment to uplift the standard of teaching and learning of Mathematics. We assure you that in our continuous journey in this endeavor and with your whole hearted support, we hope to make significant contribution in the teaching and learning of Mathematics We hope to see that day when we hear from our student that Mathematics is a wonderful subject and you all are relishing it.

This book is designed to serve as a textbook for the students of B. Tech. (All Branches) Semester-I of Punjab Technical University, Jalandhar

While writing, due care is taken to present the subject matter in a simple and illustrative manner so that a reader can grasp it with quite ease and can built basic and conceptual knowledge in the subject

Table Of Contents

- Useful Formulae, Theorems and Results
- Differential Calculus
- Partial Derivatives
- Applications of Partial Differentiation
- Integral Calculus
- Introduction to Three Dimensional Geometry
- Multiple Integrals
- Vector Calculus
- Applications of Vector Calculus

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>

Amanpreet Singh

Amanpreet Singh Amanpreet Singh SGTB Khalsa College, Anandpur Sahib, Formerly with Rayat-Bahra Institute of Engineering& Nano Technology, Hoshiarpur.



Computer System Organization

Author :	Sonal Yadav
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ISBN 10 :	9355382359
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M.R.P :	Rs 525.00
Categories :	AICTE Prescribed Textbooks, Gujarati Books, Book Store
Condition Type :	New
Country Origin :	India

Product Description

Computer System Organization

Author

Sonal Yadav

Dr. Sonal Yadav Assistant Professor Dept. of Computer Science & Engineering (CSE)
National Institute of Technology Raipur, Chhattisgarh



Engineering Graphics & Design

Author :	Pradeep Jain
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Publisher :	Khanna Publishing House
M.R.P :	Rs 395.00
Categories :	AICTE Prescribed Textbooks, Tamil Books, Book Store, Ebooks
Condition Type :	New
Country Origin :	India

Product Description

This 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.

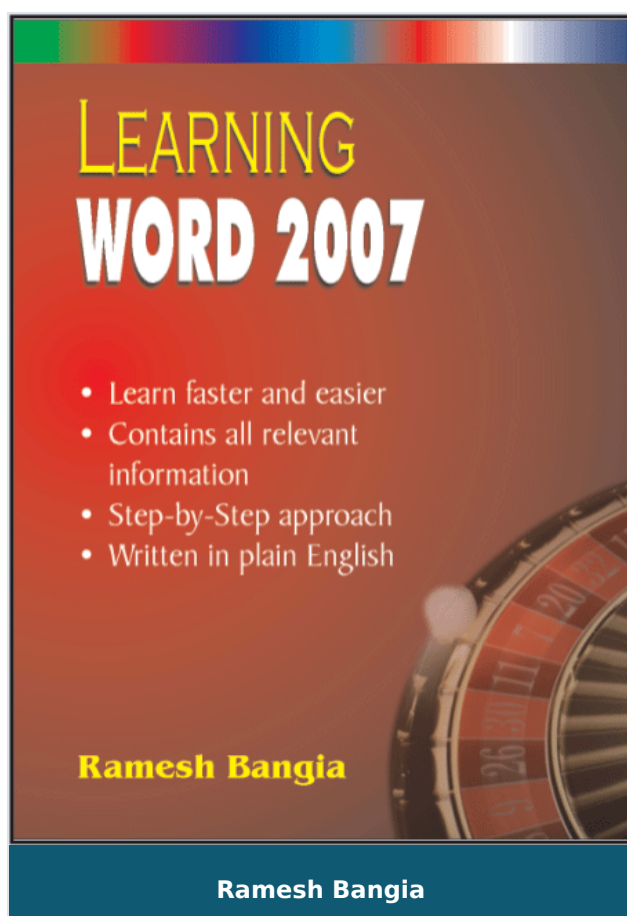
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- List of Tables
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- Guidelines for Students
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- Orthographic Projection
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- Isometric Projection
- Overview of Computer Graphics
- Customisation & CAD
- Annotation Layers and 3D Modelling
- Projects
- 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.



Learning MS Word 2007

Author :	Ramesh Bangia
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ISBN 10 :	8190628550
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Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 225.00
Categories :	Computer Books - English, Book Store, Learning Series
Condition Type :	New
Country Origin :	India

Product Description

1. Learn faster and easier
2. Contains all relevant information
3. Step-by-Step approach
4. Written in plain English

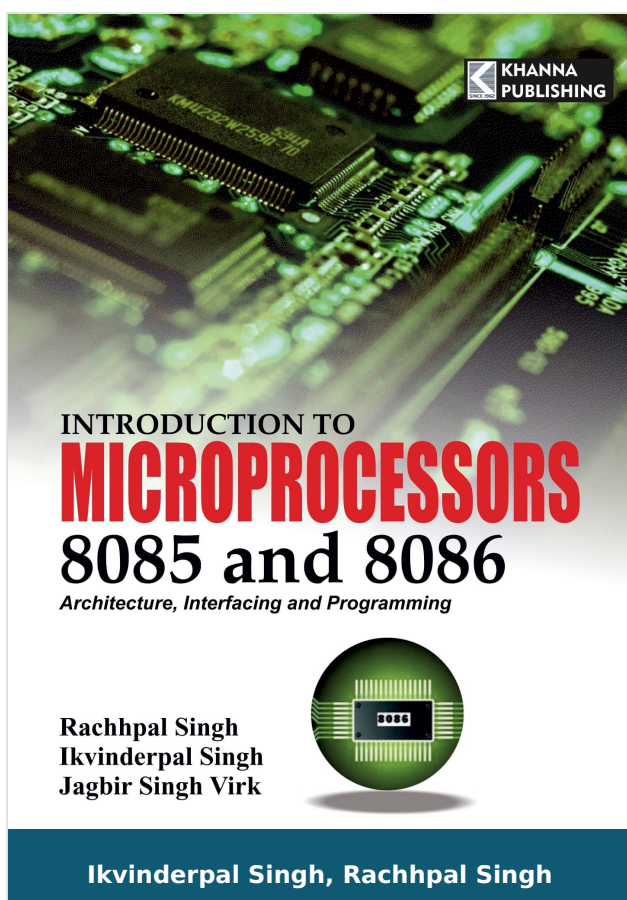
Table Of Contents

- Introduction to Microsoft Word 2007
- Creating a Document in Microsoft Word 2007
- Customizing Microsoft Word 2007
- Proofing Your Document in Microsoft Word 2007
- Mail Merge in Microsoft Word 2007
- Working with Longer Document in Word 2007
- Working with Tables in Word 2007
- Working Graphics and Charts in Word 2007
- Additional Commands of Word 2007
- Keyboard Shortcuts of Word 2007.

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.



Introduction to Microprocessors 8085 and 8086

Author :	Ikvinderpal Singh, Rachhpal Singh
ISBN 13 :	978-93-80016-57-3
ISBN 10 :	9380016573
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Edition :	First
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Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 550.00
Categories :	Electrical, Electronics & Communication Engineering, Book Store
Condition Type :	New
Country Origin :	India

Product Description

Written with the beginner in mind, this book provides an exceptionally clear and precise detail of microprocessors. Its approach is explanatory and language is lucid and communicable. Each and every microprocessor described with the help of internal architecture its pin diagram and interfacing to have clear ideas lucid presentation of instruction set of each microprocessor.

Table Of Contents

- Microprocessors
- Instruction Classification
- Microprocessor
- Instruction Set
- Assembly Language
- DMA Controller
- Programmable Peripheral Interface
- 8253/8254 Programmable Timer/Counter
- Programmable Interrupt Controller
- USART
- RS232C

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.

Rachhpal Singh

Rachhpal Singh is head of P.G. Dept. Computer Science & Applications, Khalsa College, Amritsar which is a premier institute in North India. He obtained his MCA from thapar Institute of Engineering and Technology, patiala. He has over fifteen years of teaching experience to teach post graduate classes. He is an international author of the world level and his other areas of interest include software engineering, parallel processing system level programming.



Environmental Science

Author :	Subrat Roy
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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

“Environmental Science” is an audit course for the first year Diploma programme 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 four units- Ecosystem, Air and Noise Pollution, Renewable Sources of Energy and Solid waste management, ISO 14000 & Environmental Management, Every unit contains as set of exercise at the end of each unit 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 recent information, interesting facts, QR Code for E-resources, QR Code for use of ICT, projects, group discussion etc. 3. Student and teacher centric subject materials included in book with balanced and chronological manner. 4. Figures and tables are insert to improve clarity of the topics. 5. Objective questions, Short questions and long answer exercise given for practice of students after every unit.

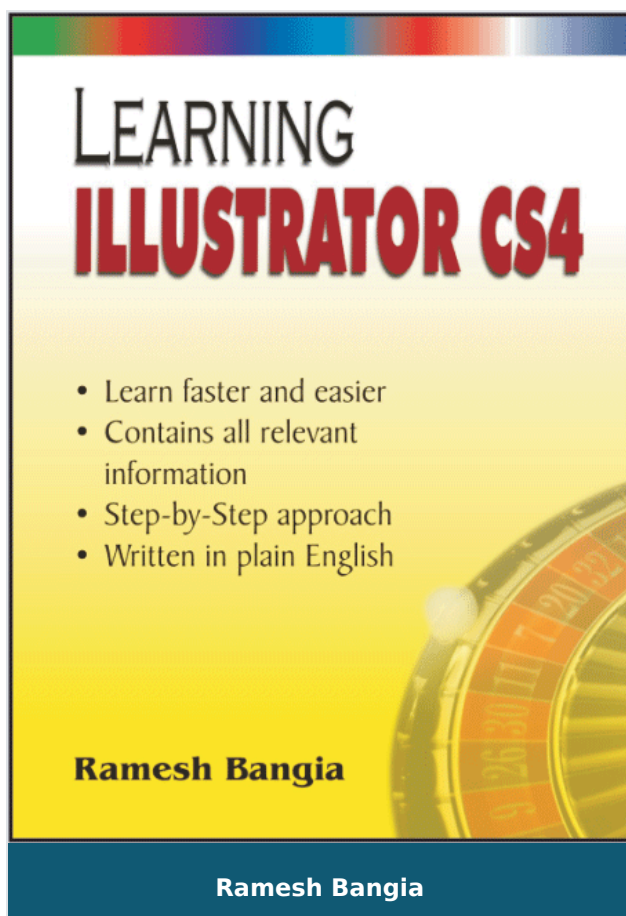
Table Of Contents

- Foreword,
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- Outcome Based Educations,
- Course Outcomes,
- Abbreviations and symbols,
- List of Figures,
- Guidelines for Teachers,
- Guidelines for Students,
- Ecosystem
- Air and Noise pollution
- Renewable sources of Energy
- Soil waste Management, ISO 14000& Environmental management.
- Important Day Related to Environment
- CO and Po Attainment Table
- Index.

Author

Subrat Roy

Subrat Roy



Learning Illustrator CS4

Author :	Ramesh Bangia
ISBN 13 :	978-93-80016-47-4
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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.

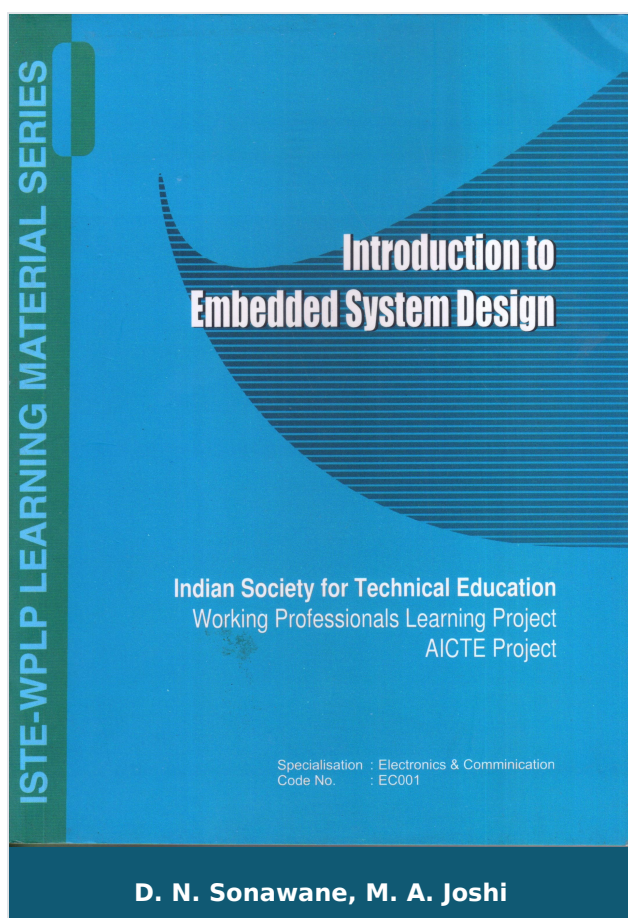
Table Of Contents

- 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.



Introduction to Embedded System Design

Author :	D. N. Sonawane, M. A. Joshi
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Edition :	1
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Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

Product Description

This course material is a result of the dedication and encouragement of many individuals. Our sincere and heartfelt appreciation goes to all of them.

We are deeply indebted to Dr. B. S. Sonde, Ex.Vice Chancellor Goa University, who initially motivated and guided us for this work.

We also take this opportunity to thank our colleagues and students for their helpful suggestions during the course of this project.

The Teaching materials covers 14 chapters, 11 for Embedded systems part and 3 for Digital Signal Processing. Every slide gives points for teaching the contents accompanied by foot notes.

Embedded systems is a state of art subject having a number of Industrial applications. Starting from the basics of microcontrollers to real time operation and interfaces are the important topics covered. Digital signal processing is a subject, which deals with processing of signals. DSP processors can perform special signal processing functions in a fast and efficient manner.

It is essential to study the architecture of these processors and some basics of Signal processing.

We are sure that this material will definitely be useful as a teaching material for the teachers and new engineers in this field.

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- PREFACE
- ABOUT THE AUTHORS
- Overview of Embedded System Design
- Architecture of MCS-51 Family Microcontroller
- MCS-51 On-chip Peripherals: Timers/ Counters
- MCS-51 On-chip Peripherals: Serial Communication
- MCS-51: Interrupts
- Real Time Interfaces with MCS-51: ADC, DAC (Parallel)
- Display Devices: 7- segment LED and LCD Interfacing
- Embedded System Design Using PIC 16FX series
- PIC 16FX Series Microcontrollers: Timers/ Controllers
- PIC 16FX Series Microcontrollers: PWM/CCP Module
- PIC 16FX Series Microcontrollers: ADC, USART Module
- Overview of Digital Signal Processing
- DSP Fundamentals: DFT and FFT
- Architecture of TMS 320XX Series DSP

Author

D. N. Sonawane

Prof. D. N. Sonawane is presently working as Asst. Professor at the Department of Instrumentation and Control of College of Engineering, Pune. He has complete his master degree from University of Pune. He is currently pursuing his Ph.D. in Electronics Engineering from University of Pune. He teaches Microcontroller Techniques and its

applications at Undergraduate level and System on-Chip at Postgraduate level. He has guided 16 post graduate students for their dissertation. Prof. Madhuri Joshi, Ph.D. is presently working as Professor at Electronics and Telecommunication Department of College of Engineering, Pune. She has 31 years of teaching experience at U.G. and P.G. level. Her research specialization and teaching experience is in the field of Digital Signal Processor and its Applications and Image Processing. She is the author of the book Digital Image Processing, and algorithmic approach, published by Prentice Hall. She has over 68 papers published at the National and International level. She has guided 30 Post graduate and 7 students for their Ph.D. work.

M. A. Joshi

Prof. D. N. Sonawane is presently working as Asst. Professor at the Department of Instrumentation and Control of College of Engineering, Pune. He has complete his master degree from University of Pune. He is currently pursuing his Ph.D. in Electronics Engineering from University of Pune. He teaches Microcontroller Techniques and its applications at Undergraduate level and System on-Chip at Postgraduate level. He has guided 16 post graduate students for their dissertation. Prof. Madhuri Joshi, Ph.D. is presently working as Professor at Electronics and Telecommunication Department of College of Engineering, Pune. She has 31 years of teaching experience at U.G. and P.G. level. Her research specialization and teaching experience is in the field of Digital Signal Processor and its Applications and Image Processing. She is the author of the book Digital Image Processing, and algorithmic approach, published by Prentice Hall. She has over 68 papers published at the National and International level. She has guided 30 Post graduate and 7 students for their Ph.D. work.