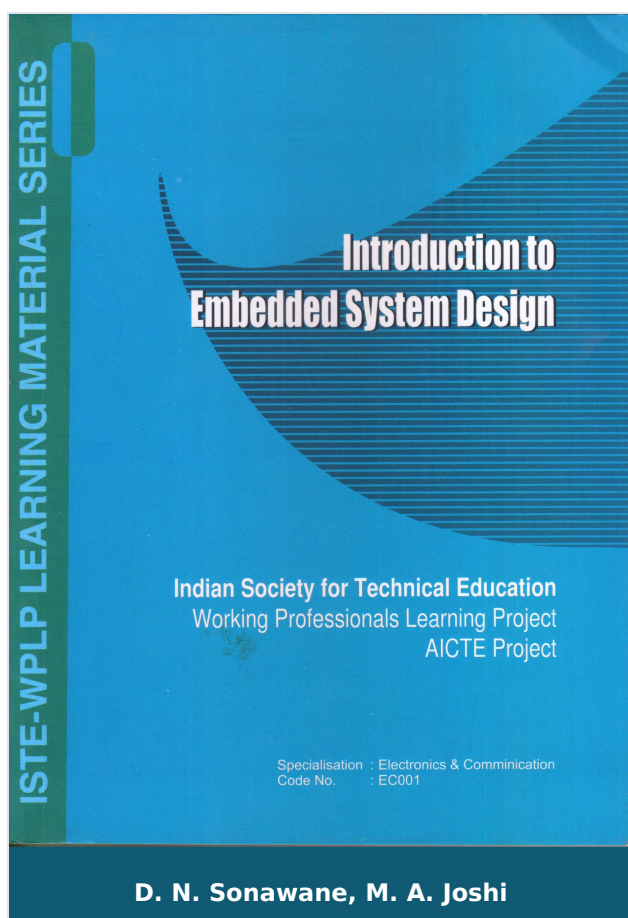




Introduction to Embedded System Design

Author :	D. N. Sonawane, M. A. Joshi
ISBN 13 :	978-93-55387-57-8
ISBN 10 :	9355387571
E-ISBN 13 :	978-93-55387-57-8
Edition :	1
Pages :	246
Type of book :	Physical
Year :	2010
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 345.00
Categories :	Electrical, Electronics & Communication Engineering, Book Store, ISTE Series
Condition Type :	New
Country Origin :	India

Khanna Publishing House

4C/4344, Ansari Road, Daryaganj, New Delhi-110002

Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

Product Description

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.

Table Of Contents

- FOREWORD
- 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

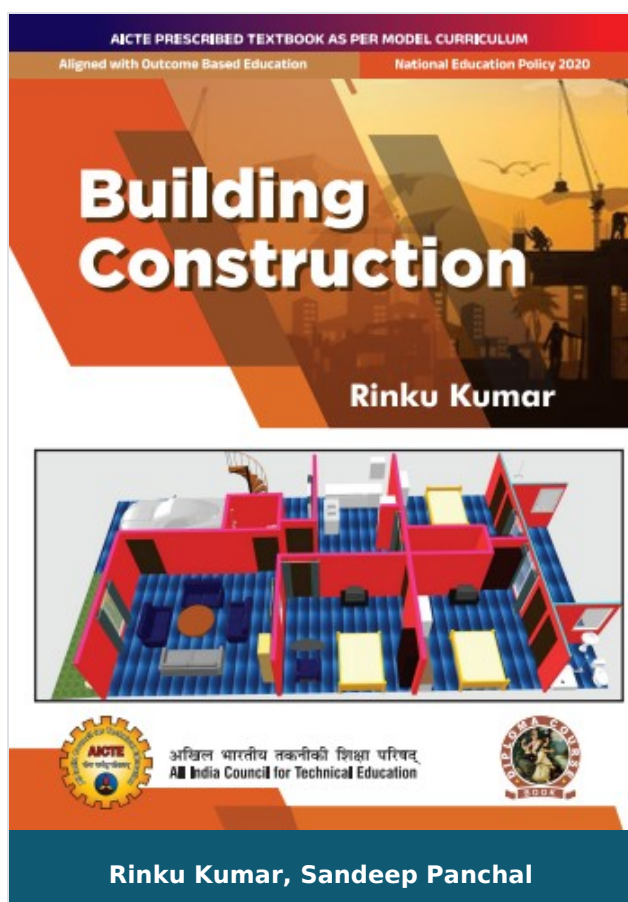
D. N. Sonawane

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.



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.

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
- Overview of Building Components
- Construction of substructure
- Construction of Superstructure
- Building Communication and Ventilation
- Building Finishes
- Appendices
- References for Further Learning
- Co and Po Attainment table
- Index

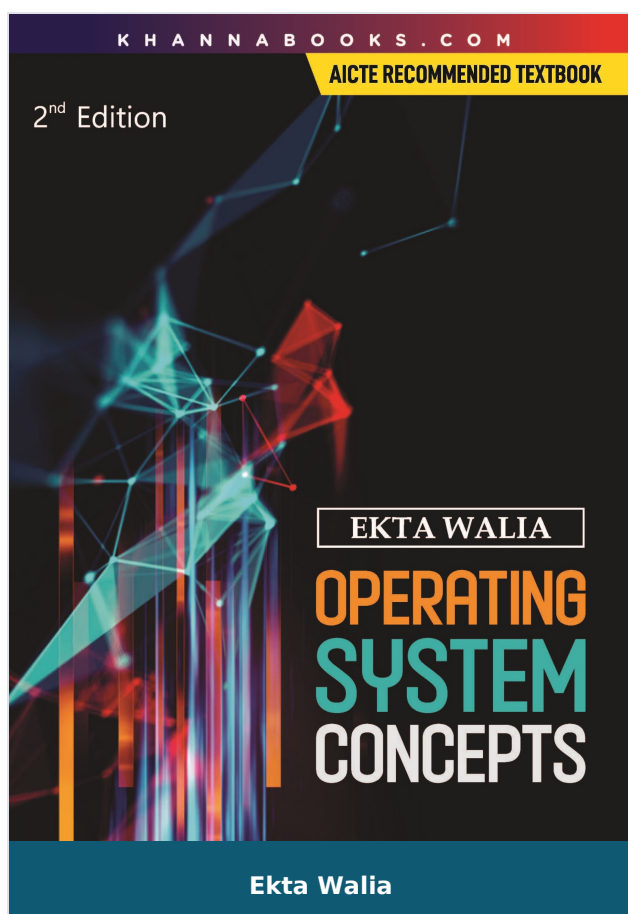
Author

Rinku Kumar

Dr. Rinku Kumar Assistant Professor, Lecturer, Government Polytechnic Mankeda, Agra, Uttar Pradesh Dr.

Sandeep Panchal

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



Operating System Concepts

Author :	Ekta Walia
ISBN 13 :	978-93-80016-65-8
ISBN 10 :	9380016654
E-ISBN 13 :	978-93-80016-65-8
Edition :	Second
Pages :	360
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 425.00
Categories :	Computer Science Engineering, UNIVERSITY RECOMMENDED, Computer Science Engineerings, Book Store
Condition Type :	New
Country Origin :	India

Product Description

This is a revised edition of the eight years old popular book on operating System Concepts. In Addition to its previous contents, the book details about operating system foe handheld devices like mobile platforms. It also explains about upcoming operating systems with have interface in various Indian language. In addition to solved exercises of individual chapters, the revised version also presents a question bank of most frequently asked questions and their solutions. Value addition has been done in almost all the 14 chapters of the book.

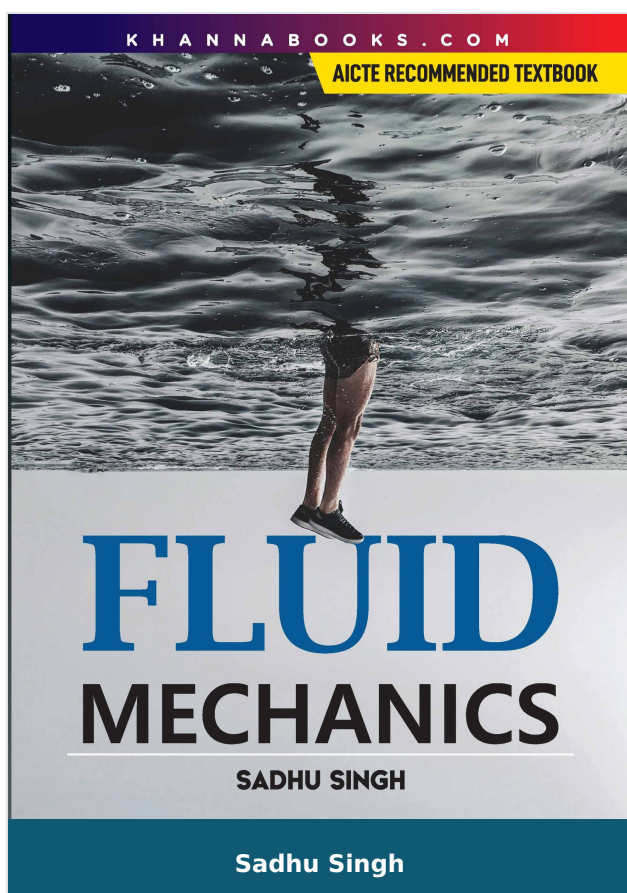
Table Of Contents

- Operating System : An Introduction
- Computer System Structures
- Operating System Structures
- Introduction To Processes
- CPU Scheduling
- Process Synchronization
- Dealing with Deadlocks
- Memory Management Basics
- Managing Virtual Memory
- File System Interface and Implementation
- Device Management and Storage Structures
- Protection Security
- Operating System for Distributed Systems
- Case Studies- UNIX and Windows NT
- Solution to Selected Exercise
- Frequently Asked Questions and their Solutions
- Index

Author

Ekta Walia

Ekta Walia



Fluid Mechanics | AICTE Recommended Textbook

Author :	Sadhu Singh
ISBN 13 :	978-93-81068-65-6
ISBN 10 :	9381068658
E-ISBN 13 :	978-93-81068-65-6
Edition :	First
Pages :	680
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 495.00
Categories :	Civil Engineering, Mechanical Engineering, UNIVERSITY RECOMMENDED, Civil Engineering, Book Store
Condition Type :	New
Country Origin :	India

Khanna Publishing House

4C/4344, Ansari Road, Daryaganj, New Delhi-110002

Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

Product Description

This book is a textbook for the B.E./B. Tech. students of All Indian Universities and Institutions. The subject matter has been explained in the simplest possible way for easy assimilation by the students. This has been reinforced by a large number of solved examples. A large number of solved examples, short answer type questions chapter wise. Unsolved end-of chapter exercises. Multi-choice questions from ESE/CSE/GATE.

Table Of Contents

- Fluid Properties
- Fluid Statics
- Fluid Kinematics
- Fluid Dynamics
- Compressible Fluid Flow
- Viscous Flow
- Flow Through Pipes
- Boundry Layer flow
- Turbulent Flow
- Fluid Measurement
- Dimensional and Model Analysis
- Notches and Weirs
- Flow through Open Channels
- Potential Flow
- Multiple Choice Questions
- Index

Author

Sadhu Singh

Dr. Sadhu Singh is a retired professor of Mechanical Engineering of Govind Ballabh Pant university of Agriculture & Technology, Pantnagar. He graduated in Mechanical Engineering with Hons, from Punjab University, Chandigarh, M.Sc. (Mechanical Design & Production Engineering) and Ph.D. from Kurukshetra University, Kurukshetra. His teaching experience spans 15 years at Regional Engineering College (now NIT), Kurukshetra and

19 years at Pantnagar University. He has been Professor & Head, Mechanical Engineering Department and Dean, Faculty of Engineering & Technology at Pantnagar. He has been Director (Colleges). Punjab Technical University, Jalandhar.



Engineering Graphics

Author :	Sharad K. Pradhan, K. K. Jain
ISBN 13 :	978-93-91505-98-1
ISBN 10 :	9391505988
E-ISBN 13 :	978-93-91505-98-1
Edition :	First
Pages :	352
Type of book :	Physical
Year :	2022
Language :	English
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

“ Engineering Graphics” is a compulsory paper for the first year Diploma course 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 six topics- Basic Elements of drawing , Orthographic Projections, Isometric Projections, Free Hand Sketcher of Engineering Elements, Computer Aided Drafting Interface, Computer Aided Drafting. Each topic is written in easy and lucid manner. Every chapter contains a 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 is aligned with the mapping of Course Outcomes, Programs Outcomes and Unit Outcomes.
2. In start of each unit learning outcomes are listed to make the student understand what is expected out of him/ her after completing that unit.
3. Book provides lots of recent information, interesting facts, Codes for E-resources, QR Code for use of ICT, projects, group discussion etc.
4. Student and teacher centric subject materials included in book with balanced and chronological manner.
5. Figures, tables and software screen shots are inserted to improve clarity of the topics.
6. Apart from essential information a 'Know More' section is also provided in each unit to extend the learning beyond syllabus.
7. Short questions, objective questions and long answer exercises are given for practice of students after every chapter.

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

Table Of Contents

- Foreword,
- Acknowledgement, Preface, Outcome Based Educations, Course Outcomes, Abbreviations and Symbols, List of Figures, List of tables Guidelines for Teachers, Guidelines for Students
- Basic Elements of Drawing
- Orthographic Projections
- Isometric Projections
- Free Hand Sketches of Engineering Elements
- Computer Aided Drafting Interface
- Computer Aided Drafting

Author

Sharad K. Pradhan

Sharad K. Pradhan

K. K. Jain

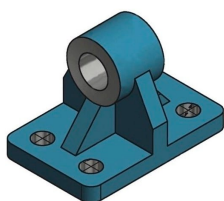
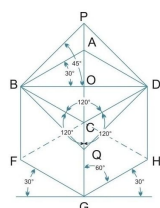
K. K. Jain

AICTE अनुशंसित पाठ्यपुस्तक - मॉडल पाठ्यक्रम के अनुसार

परिणाम आधारित शिक्षा के साथ संरेखित

राष्ट्रीय शिक्षा नीति 2020

इंजीनियरिंग ग्राफिक्स एवं डिजाइन



प्रदीप जैन

Pradeep Jain

Engineering Graphics & Design

Author : Pradeep Jain

ISBN 13 : 978-93-55381-07-1

ISBN 10 : 9355381077

E-ISBN 13 : 978-93-55381-07-1

Edition : First

Pages : 268

Type of book : Physical

Year : 2023

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 495.00

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

Condition Type : New

Country Origin : India

Khanna Publishing House

4C/4344, Ansari Road, Daryaganj, New Delhi-110002

Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

Product Description

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.

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
- 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.



ASP.Net 3.5 Projects

Author :	WebTech Sol.
ISBN 13 :	978-81-90645-14-0
ISBN 10 :	8190645145
E-ISBN 13 :	978-81-90645-14-0
Edition :	1
Pages :	496
Type of book :	Physical
Year :	2008
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 385.00
Categories :	Computer Science Engineering, Project Books, Book Store
Condition Type :	New
Country Origin :	India

Product Description

This book is one of the pioneers of the technology industry. Web tech solution Inc. is a leading IT development company bringing the latest technologies in a short span of time. Its professional research team aims to deliver the latest information on the best ways to analyze, develop, test debug and tune best development skills including technical coding and theoretical concepts of IT. Its main aim is committed to excellence; excellence in its range and quality of publishing; excellence in dedication to its authors and excellence in the service it provides to the readers.

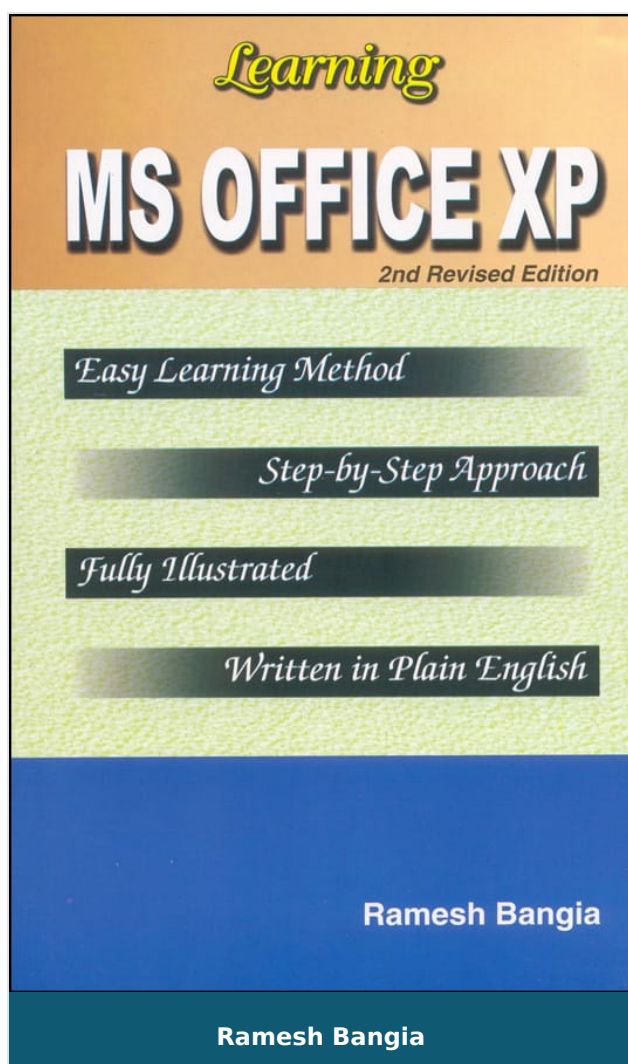
Table Of Contents

- Project Finance Management
- On Line Examination
- Tax Saving System
- Guest Book Entry
- File Manager
- Banking Transaction
- Inventory Management System
- World of Recipe
- On Line Contact Information

Author

WebTech Sol.

WebTech Sol. WebTech Solutions Inc. is one of the pioneers of the technology industry. Webtech Solution Inc. is a leading IT development company bringing the latest technologies in a short span of time. Its professional research team aims to deliver the latest information on the best ways to analyze, develop, test, debug and tune best development skills including technical coding and theoretical concepts of IT. Its main aim is committed to excellence: excellence in its range and quality of publishing; excellence in dedication to its authors and excellence in the service it provides to the readers.



Learning MS Office XP

Author :	Ramesh Bangia
ISBN 13 :	978-81-87522-57-7
ISBN 10 :	8187522577
E-ISBN 13 :	978-81-87522-57-7
Edition :	2
Pages :	384
Type of book :	Physical
Year :	2014
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 realize how difficult it is to master it. Microsoft Office XP 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

- Introduction to Microsoft Office XP
- Speech and Handwriting
- Creating Document in Word 2002
- Proofing Your Document
- Working with Longer Document
- Creating Document Using Wizards
- Additional Commands of Word 2002
- Using Drawing Tools in Word 2002
- Using Mail Merge in Word 2002
- Creating a Worksheets in Excel 2002
- Advanced Techniques of Excel 2002
- Working with Charts in Excel 2002
- Creating a Database Using the Wizard in Access 2002
- Working with Tables in Access 2002
- Working with Reports
- Creating Presentation Using Auto Content in Power Point
- Creating New Presentation
- Creating Presentation from Template
- Working on Presentations
- Working in Slide Sorter View
- Making Slide Shows
- Creating a Web Page using Wizard of Front Page 2002
- Creating a Web Page Using Template of Front Page 2002

- 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.