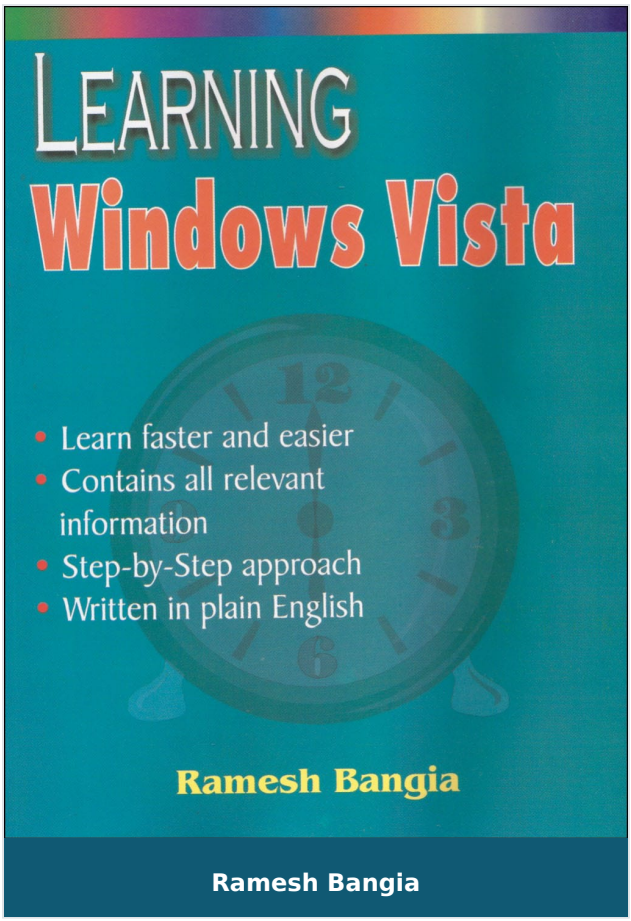


Learning Windows Vista

Author :	Ramesh Bangia
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Product Description

Learning of a Software is both easy and difficult. It depends upon what level you are planning to learn. If you are learning only for the working use, than it is very easy. But when you try to go deep into it, then you realist how difficult it is to master it.

Windows Vista 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 ill just guide you how to use the stairs.

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- Introduction to Windows Vista
- Accessories of Windows Vista
- Control Panel of Windows Vista
- Configuring your system with Windows Vista
- Maintain and Protect our System with Windows Vista
- Additional Commands of Windows Vista
- Keyboard Shortcuts
- Questions

Author

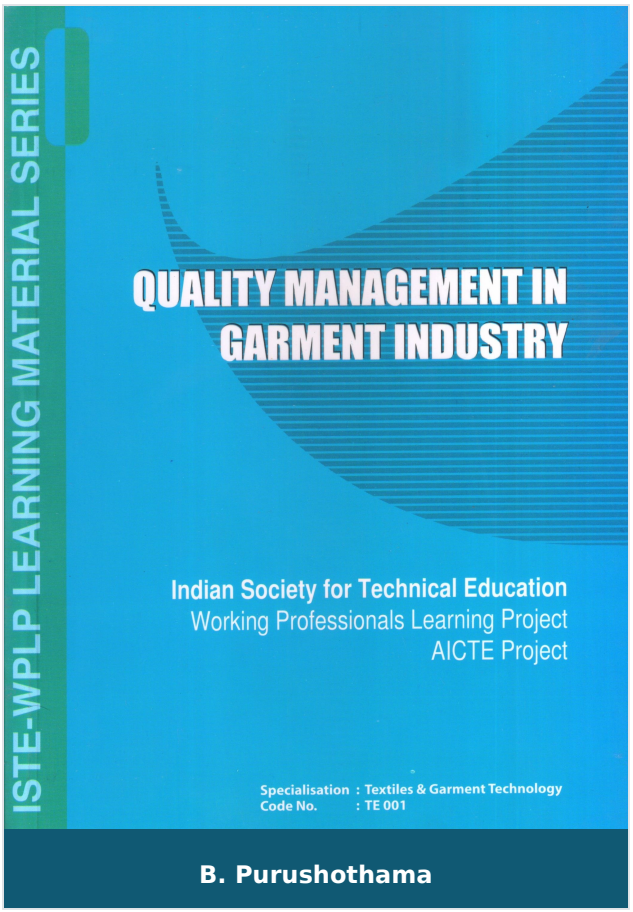
Ramesh Bangia

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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Quality Management in Garment Industry

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Pages :	432
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Product Description

The growth in the industry might be due to many reasons. It might be because of inefficiency of our competitors, some changes in social environment, changes in the policies of the government, shortage of certain commodities due to improper planning or implementation of plans, etc. The garment industries in USA and Europe are presently facing many problems and are almost on the verge of closing. Research are rapid increases in wages, non-availability of qualified and skilled workers and monotonous work environment in the garment industry. The efforts made to reduce expenses could not be help to compete because of cheap availability of labour in developing countries of Asia and South America. The garment industry hence shifted to Asian Countries as Asia has an advantage of skilled artisans at low wages.

The industry scenario is changing. A number of new project are coming up. Thanks to the initiatives in IT and BT. All the new ventures must introduce the concept of Quality Management Systems so that quality of product is maintained, while cost of production is kept at minimum. This also holds good for existing small scale cottage industries as well as big industries.

In this book an attempt is made to give brief insight to various Quality Management Systems and how the same could be adopted in the garment industry. This learning materials is intended for managerial and technical staff working in Garment industry and students in Textiles and Garments Technology. It is hoped that this book will be quite useful for technical staff working in Garment industries to monitor and maintain the quality of the products before being shipped.

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- Components of Quality in Garments
- Supply Chain Management
- Inspection and Testing
- Cost of Poor Quality
- Problem Solving
- Defects and Remedies
- Appendix
- References

Author

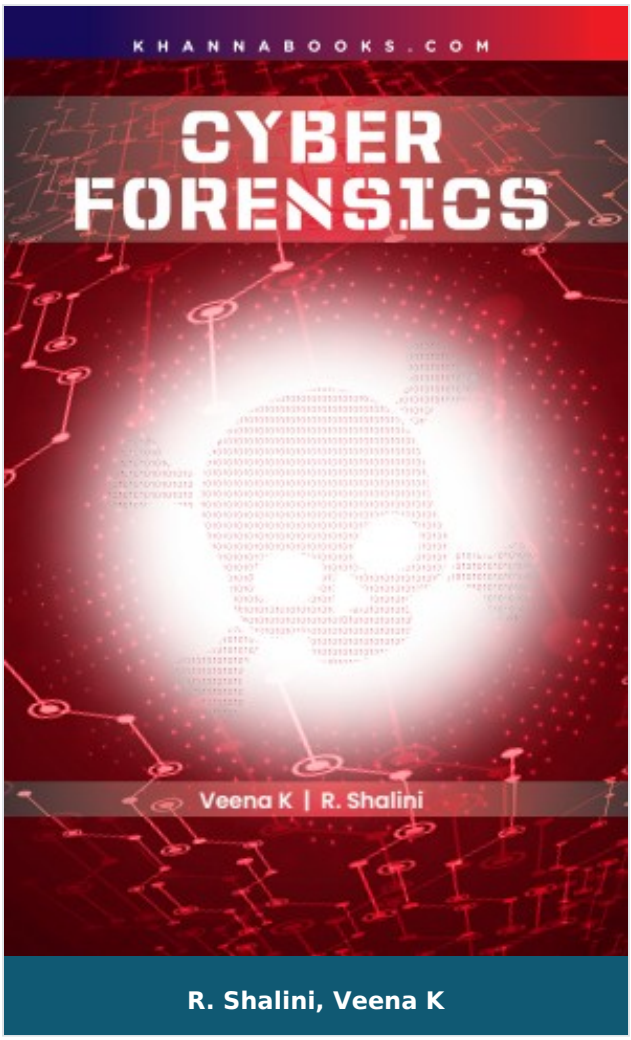
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R. Shalini, Veena K

Cyber Forensics

Author :	R. Shalini, Veena K
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Product Description

CYBER FORENSICS

This book," CYBER FORENSICS," serves as comprehensive and essential guide to the rapidly evolving field of digital crime investigation. It is specifically structured to align with the curriculum for BE CSE students specializing in cyber security, but its rigorous methodology makes it indispensable for law enforcement, IT security specialists, and aspiring forensic professionals.

The book's core theme revolves around the systematic process of identifying, collecting, analyzing, and preserving electronic evidence to ensure its integrity and legal admissibility in court. It establishes a robust foundation by detailing the history of computer crime, the critical intersection of technology and law, and the fundamentals of professional forensic methodology.

Moving beyond theory, the text provides in-depth coverage of specialized forensic domains, including disk, network, memory, and mobile forensics. Readers gain practical expertise through detailed explorations of advanced topics such as window registry analysis, cloud forensics, and virtual machine forensics. The practical value is significantly enhanced by incorporating hands-on case studies and demonstrating the use of open-source forensic tools. This approach equips readers with the skills needed to navigate the complex challenges of investigative reconstruction, analyze criminal modus operandi, and secure justice in the digital world.

Salient Features:

- **Foundational Protocols**: covers the history and terminology of computer crime, establishes the investigative process, and details the crucial intersection of technology and law for evidence admissibility.

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- **Advanced Domains**: Provides deep dives into specialized areas like memory forensics, cloud storage analysis, and virtual machine forensics, preparing students for complex, modern cyber-investigations.
- **Practical Tools & Techniques**: integrates learning on essential forensic software such as Wireshark, bulk extractor, and YARA through engaging case studies, emphasizing real-world tool application.
- **Evidence Life Cycle**: Emphasizes the forensic methods for identifying, collecting, and preserving electronic data, along with crucial steps like forensic imaging and maintaining the chain of custody.
- **Data Artifact Analysis**: Explores the structure of storage devices, including SSD devices, and teaches the extraction and analysis artifacts, hidden data, and file signatures.
- **Criminal Profiling**: Focuses on investigative reconstruction techniques, analyzing the modus operandi (MO), motive, and technology used by cybercriminals for effective profiling and case resolution.
- **System-Specific Forensics**: dedicated chapters on performing forensic for specific operating environments, including details steps for windows registry, Browser Usage, and network traffic analysis.

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- Advanced Cyber Forensics

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Dr. R. Shalini Associate Professor, Dept of CSE, Sathyabama Institute Of Science and technology Dr. K. Veena Associate professor, Dept of CSE, Sathyabama Institute Of science and technology

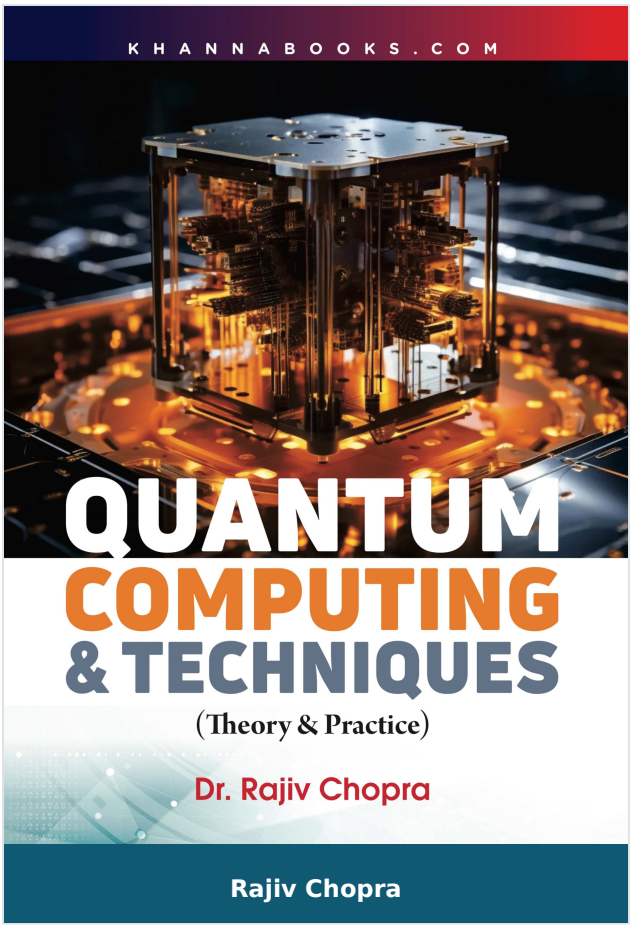
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Quantum Computing & Techniques (Theory & Practice)

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Product Description

QUANTUM COMPUTING & TECHNIQUES

(THEORY & PRACTICE)

1. A Valuable Resource: This well-regarded book is full of important information and is praised in the field of Quantum Computing.

2. Fun Learning: The book makes complex topics enjoyable, helping readers learn in a joyful way.

3. Bridging the Knowledge Gap: It helps readers go from not knowing much about Quantum Computing to understanding it well, breaking down difficult ideas.

4. Clear Understanding: It removes confusion and shines light on the topic, giving reader’s confidence in what they learn.

5. Simple and Clear: Despite its complex topic, the book is easy to understand and straightforward.

6. Course Friendly: The content is designed to match the study programs of many universities in India and beyond.

7. Thorough and Detailed: The book explains topics thoroughly, making sure everything is easy to grasp.

8. Curriculum- Aligned: It is aimed at B.E. /B. Tech. students in fields like Computer Science, IT, Electronic engineering, and more.

9. Research Gateway: This book is useful for students, teachers, and researchers opening doors for new ideas in quantum computing.

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11. Illustrative Approach: The book has many examples to help readers apply what they learn in practical labs.

12. Hands-On Learning: All lab exercises are tested with the IBM Qiskit Toolkit, ensuring they work well in Practice.

13. Fueling Intellectual Curiosity: This book sparks interest in those wanting to become quantum engineers, deepening their understanding of Quantum Technologies.

Dive into the exciting world of quantum computing, where complex ideas become clear, and curiosity leads to deep understanding!

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- Quantum Algorithms.
- Computational Lower Bound Complexity for Quantum Circuits.
- Quantum Error Correction.
- Quantum Cryptography.
- Appendix:
- Experiments in Quantum Computing Lab. (using Python).
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Author

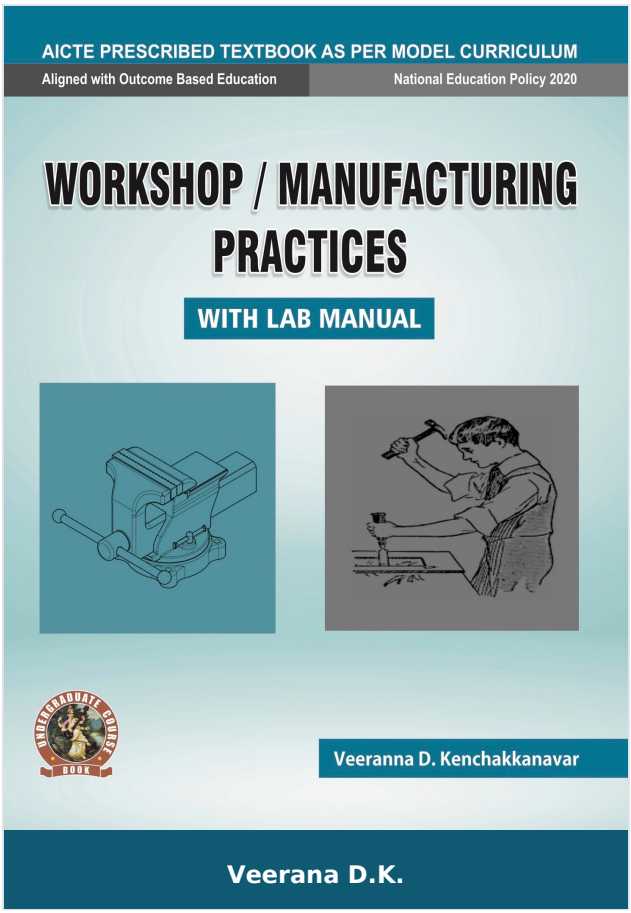
Rajiv Chopra

Dr. Rajiv Chopra has a Doctorate in Computer Science from Banasthali VidyaPith University. The author is M. Tech. in Information Technology from GGSIPU, Delhi. He did BE (CSE) from SDM College of Engg. and Technology, Dharwad and MIT from MAHE. He is working as an Associate Professor in CSE Department at Guru Tegh Bahadur Institute of Information Technology, GGSIPU Delhi. As an educator he has contributed to 21 research publications in Refereed, cited International Conferences and International Journals and attended 21 conferences, workshops, FDPs and seminars. He is a prolific author with 26 Text and Reference books to his credit,for B. Tech. (CSE/IT), M. Tech. (CSE/IT), BCA, MCA and other courses of different Universities of India.

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Workshop / Manufacturing Practices (with Lab Manual)

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Product Description

The textbook on “Workshop/ Manufacturing Practices” is designed to cater the needs of young minds of 21 century. The AICTE model curriculum and National Education Policy has driven a new wave in the technical education. The textbook is designed not only to cater the need of the syllabus but also to look things in a different perspective. The Workshop is the place where the core of learning about different materials, equipment, tools and techniques takes place. Basically the workshop used to prepare the small components by hand tools. Sometimes they may be parts of the large machines or may may be parts for replacement/repairs. In this text book an attempt has been made to connect the conventional tools usage to advanced machine tools usage. The relevant practical examples are quoted to make the readers more comfortable with product and processes. The blooms taxonomy is fallowed in construction of each chapters and exercises. The objective and multiple questions with higher order thinking may help the readers to not only to face the semester end exam even they may help in competitive and other examinations.

Salient Features:

1. Manufacturing Methods
2. CNC Machining, Additive manufacturing
3. Fitting operations & power tools
4. Electrical & Electronic
5. Carpentry
6. Plastic mounding, glass cutting
7. Metal casting
8. Welding (arc welding & gas welding), brazing

9. Laboratory experiments and models

10. Appendices

11. References

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- Acknowledgement
- Preface
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- Course Outcomes
- Abbreviations and Symbols
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- CNC Machining, Additive manufacturing, Fitting
- operations & power tools
- Electrical & Electronic
- Carpentry, Plastic moulding, glass cutting
- Metal casting, welding (arc welding & gas
- welding), brazing
- Part- B: Workshop Practice Laboratory
- Appendices
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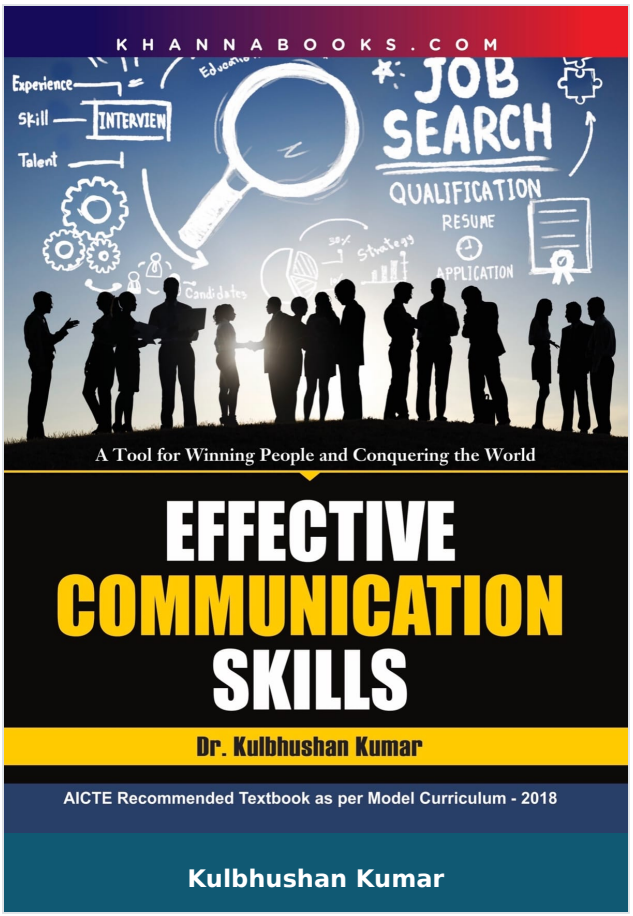
Veerana D.K.

The textbook on “Workshop/ Manufacturing Practices” is designed to cater the needs of young minds of 21 century. The AICTE model curriculum and National Education Policy has driven a new wave in the technical education. The textbook is designed not only to cater the need of the syllabus but also to look things in a different perspective. The Workshop is the place where the core of learning about different materials, equipment, tools and techniques takes place. Basically the workshop used to prepare the small components by hand tools. Sometimes they may be parts of the large machines or may may be parts for replacement/repairs. In this text book an attempt has been made to connect the conventional tools usage to advanced machine tools usage. The relevant practical examples are quoted to make the readers more comfortable with product and processes. The blooms taxonomy is fallowed in construction of each chapters and exercises. The objective and multiple questions with higher order thinking may help the readers to not only to face the semester end exam even they may help in competitive and other examinations. Salient Features: l Manufacturing Methods l CNC Machining, Additive manufacturing l Fitting operations & power tools l Electrical & Electronic l Carpentry l Plastic mounding, glass cutting l Metal casting l Welding (arc welding & gas welding), brazing l Laboratory experiments and models l Appendices l References

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Effective Communication Skills

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Product Description

The Books in your hand is a modest attempt to discuss the kaleidoscopic nature and paramount international significance of English Language and of Communication Skills. The purpose of the book is to familiarize its readers with different aspects and genre of business communication. So, to solve the purpose, the book has been divided into fifteen chapters.

· Introduction to Communication Skills

· Types of Communication

· Listening Skills

· Speaking Skills

· Reading Skills

· Writing Skills

· Oral Presentation Skills

· Writing Business Letter

· Report, Tenders, Business Proposal,

· Memorandum

· Resume Writing

· Group Discussion

· Conducting Meetings Telephone Skills

· Grammar

· Interview Skills

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The purpose of the book is empower students with the language and life skills they need to carry out their career goals. The book provides ample opportunities for students to build development and practice the language in real-life scenarios. Its integrated skills approach develops the students' self-confidence to survive and succeed in professional and social encounters within the English speaking global community. Emphasis is on developing the life skills students' need to deal with situations that they will encounter in the job market. Therefore, the book provides students with the language and life skills necessary to pursue business related career goals.

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- Group Discussion
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- Chapter-13. Telephone Skills
- Chapter-14. Grammar
- Chapter-15. Interview Skills

Author

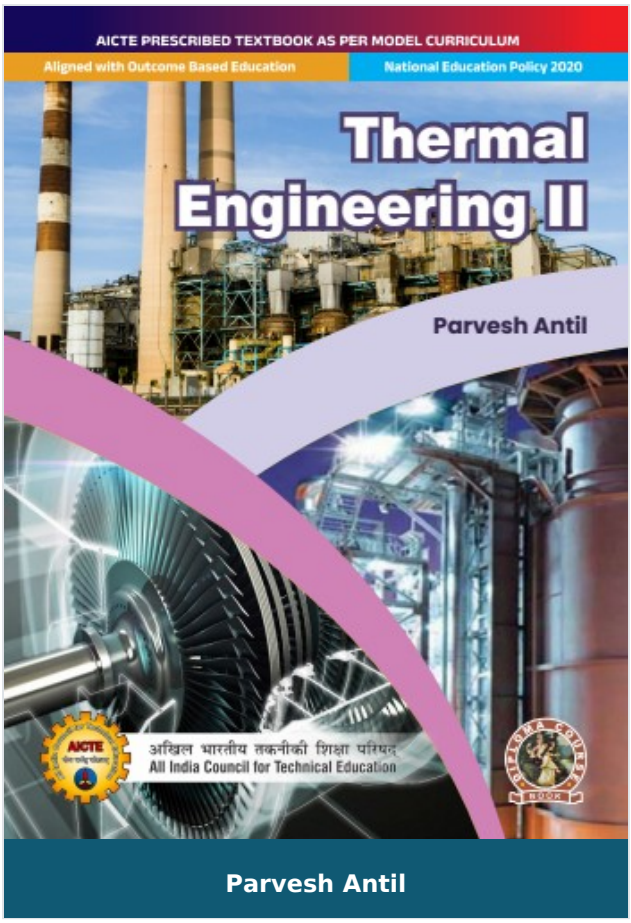
Kulbhushan Kumar

Kulbhushan Kumar Former Head, Department of English and Communication Studies and Former Chief Editor and Coordinator. EU Voice University Magazine, Eternal University, Baru Sahib (Himachal Pradesh).

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Thermal Engineering- II

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Product Description

Thermal Engineering- II

Thermal Engineering 2 is a fundamental subject for engineering students in the mechanical Engineering domain, providing a foundation for logical and analytical thinking. Thermal systems are crucial for regulating temperatures and facilitating energy transfer in a wide range of applications, including building heating and cooking, power production, and industrial operations. The aim of this book is to familiarize the students with the various thermal systems so that they can thing big and innovative for future energy requirements.

Salient features:

- Content of the book aligned with the mapping course outcomes, programs and Units Outcomes.
- In the beginning of each unit learning outcomes are listed to make the student understand what is expected out of him/her after completing that unit.
- Book provides lots of recent information, interesting facts, QR code for E-resources, QR code for use of ICT, projects, group discussion etc.
- Student and teacher centric subject materials included in book with balanced and chronological manner.
- Figures, tables, and software screen shots are inserted to improve clarity of the topics.
- Apart from essential information a ‘know more’ section is also provided in each unit to extend the learning beyond syllabus.
- Short questions, objective questions and long answer exercises are given for practice of students after every chapter.

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

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- Foreword
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- Steam Generators
- Steam Nozzles
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Author

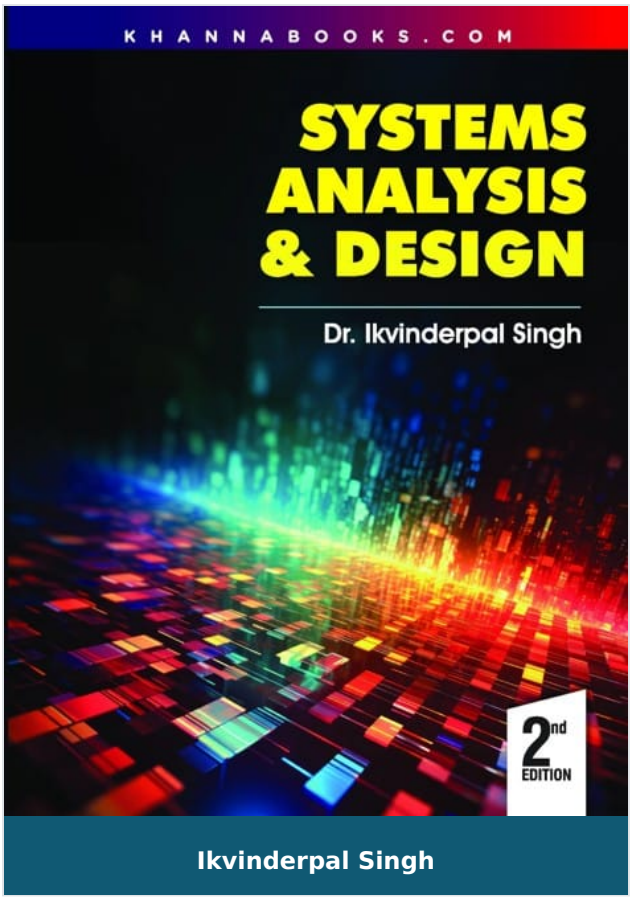
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Ikvinderpal Singh

Systems Analysis and Design

Author :	Ikvinderpal Singh
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Product Description

Systems analysis and design (SAD) in an exciting, active field in which analysts continually learn new techniques and approaches to develop systems more effectively and efficiently. However, there is a core set of skills that all analysts need to know no matter what approach or methodology is used. All information system projects move through the five phases of planning, analysis, design, implementation and maintenance; all projects require analysts to gather requirements, model the business needs, and create blueprints for how the system should be built; and all projects require an understanding of organizational behavior concepts like change management and team building. This book captures the dynamic aspects of the field by keeping students focused on doing SAD while presenting the core set of skills that we feel every systems analyst needs to know today and in the future. It also builds on our professional experience as systems analysts and on our experience in teaching SAD in the classroom.

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- System Analysis & Design
- System Development Life Cycle
- Requirement Analysis & Problem Definition
- Feasibility Study
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- System Design:Structured Approach
- Object-Oriented Design
- User-Interface Design
- Coding & Documentation
- System Testing
- System Testing Strategies
- System Quality
- System Maintenance & Supports Users

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

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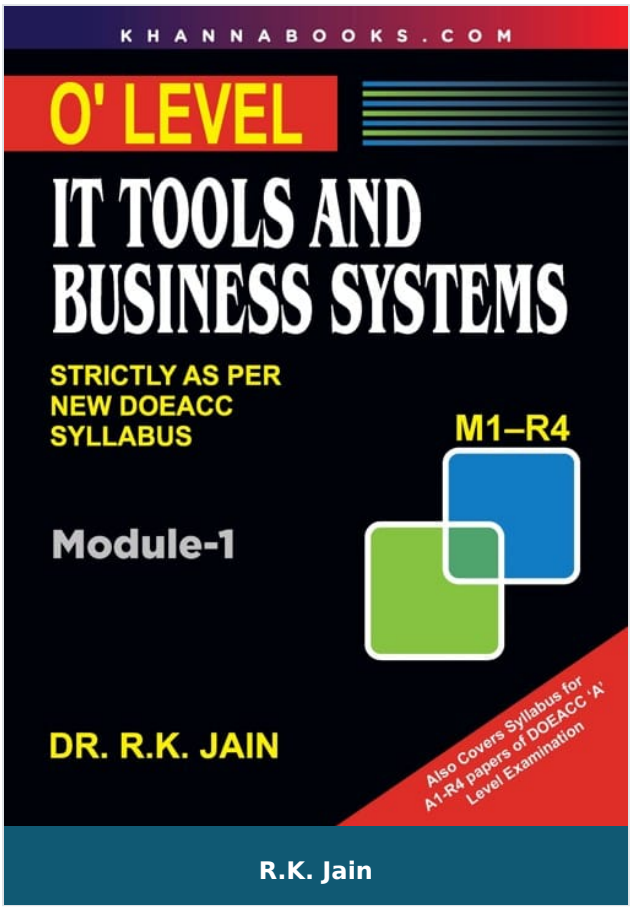
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IT Tools and Business Systems

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Product Description

Written strictly according to the syllabus for M1-R4 paper of 'O' Level as prescribed by DOEACC examination, it covers various topics of basic internet technology like word Processing, spreadsheet presentation and database operations. Each topics is covered in a separate chapter ans. has questions as described by DOEACC guidelines. Students reading this book and solving all the questions given with the chapters and the sample papers as the end of it are sure of getting through the exams. Special features of the book are review question at the end of each chapter, Sample papers at the end of the book, Glossary and index is provided too, wherever necessary topics are explained with screen shots.

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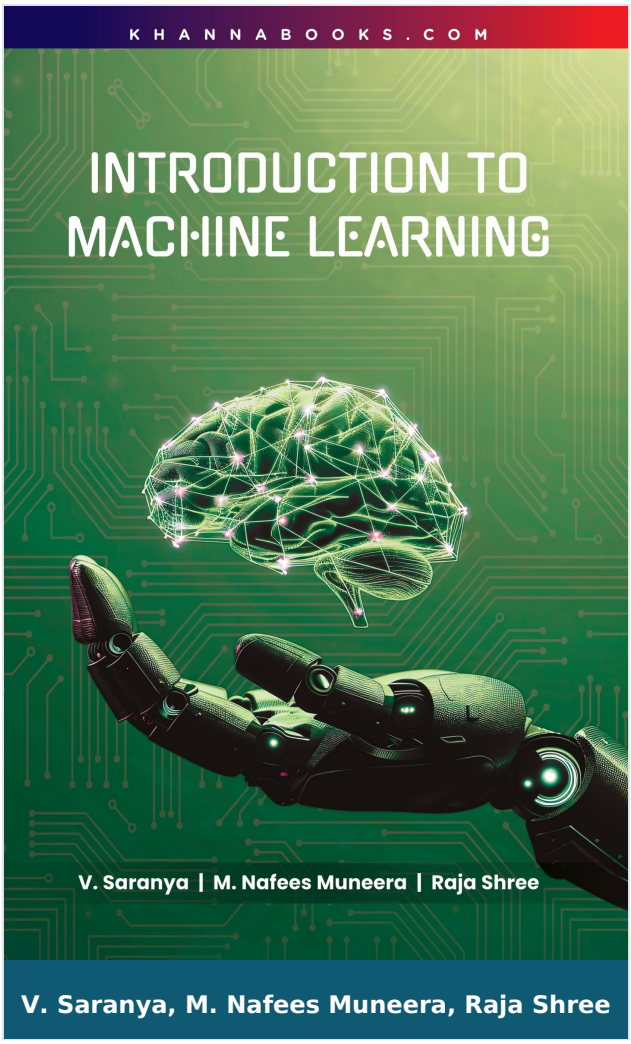
R.K. Jain

Dr. R.K. Jain studied at IIT Powai and submitted his thesis for Ph.D at Iit Delhi. He has held various important posts in the past. At present he is advisor to variuos universities on setting up of a computer department and setting up of the syllabus for the same. With his knowledge of the various computer topics, he is and ideal choice for writing these kinds of books.

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Introduction to Machine Learning

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Product Description

The book, INTRODUCTION TO MACHINE LEARNING, is an essential guide meticulously designed to provide a comprehensive, progressive, and practical foundation in the field of Machine Learning (ML). In the rapidly advancing “data era,” ML has become an integral part of modern advancements across healthcare, finance, autonomous systems, and artificial intelligence. This textbook is dedicated to crafting a strong foundational understanding of the principles, techniques, and real-world applications that drive these intelligent systems.

The core purpose of this book is to bridge the gap between theoretical understanding and practical application. It begins with the fundamental concepts of ML, its categories (supervised, unsupervised, semi-supervised, and reinforcement learning), and essential data preprocessing techniques. The journey progresses through the crucial mathematical backbone, including probability, distributions, and the Naive Bayes Classifier. It then thoroughly explores core supervised algorithms like Linear Regression and Support Vector Machines (SVM), and dives into unsupervised methods such as K-Means clustering and Principal Component Analysis (PCA). Finally, it addresses advanced concepts in model optimization through ensemble methods like bagging, boosting, and stacked generalization.

This resource is an invaluable companion for students building their academic foundation, researchers seeking clear insights, and professionals aiming to integrate ML into their work. The content is structured with clarity and is supported by well-illustrated examples, making it suitable for both beginners and experienced learners who wish to master the application of ML techniques effectively in various domains.

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• Foundational Principles: Provides a solid, structured introduction to Machine Learning, its core concepts, types (supervised, unsupervised, etc.), and the critical bias-variance tradeoff.

• Essential Preprocessing: Covers crucial initial steps of the ML workflow, including noise removal, normalization techniques, and an understanding of data quality challenges.

• Statistical Backbone: Dedicated unit on the mathematical foundations, including random variables, probability distributions, Bayes' Theorem, and the Naive Bayes Classifier Algorithm.

• Supervised Algorithms: Detailed coverage of key supervised methods like Linear Regression, Lasso Regression, Logistic Regression, Support Vector Machines (SVM), and K-Nearest Neighbors (KNN).

• Unsupervised Deep Dive: Explores clustering techniques (K-Means, K-Medoids, DBSCAN), dimensionality reduction with PCA, Outlier Analysis, and an introduction to Reinforcement Learning.

• Model Evaluation: Discusses essential evaluation metrics for both regression and classification tasks, ensuring readers can accurately measure and validate their model performance.

• Advanced Optimization: Focuses on model generalization and optimization using ensemble learning, covering techniques like Bagging, Boosting, Stacked Generalization, and Cascading.

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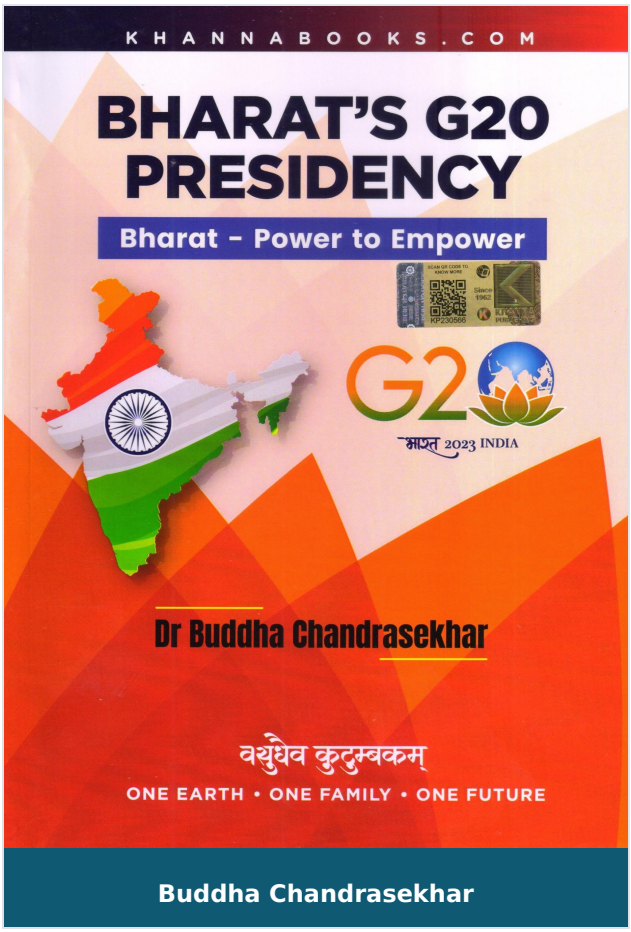
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Bharat's G20 Presidency

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Product Description

Bharat's G20 Presidency Bharat -Power to Empower. Today, India commences its G20 Presidency. As India assumes this important mantle, I ask myself- can the G20 go further still? Can we catalyze a fundamental mindset shift, to benefit humanity as a whole?

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- The Future of the G20 and the Importance of International Cooperation
- Bharat’s G20 Presidency Conclusion
- Bharat- Power to Empower by Buddha Chandrasekhar

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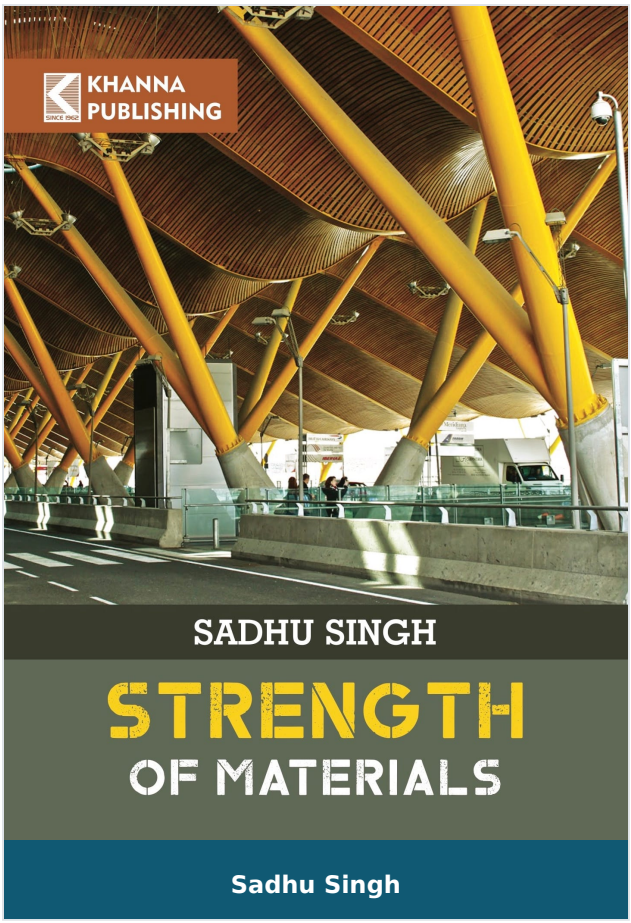
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Strength of Materials

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Product Description

This book is a textbook for the B.E./B. Tech. students of UP technical University, Lucknow and Uttarakhand Technical University, Dehradun. The book has been written as per the new syllabus of these Universities. 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.

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Author

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