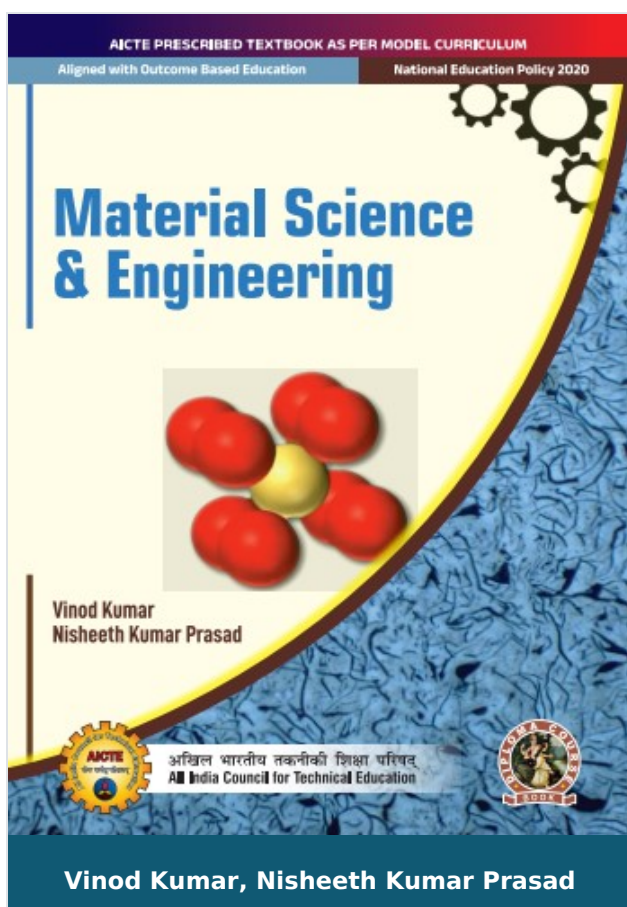




## Material Science & Engineering

**Author :** Vinod Kumar, Nisheeth Kumar Prasad

**ISBN 13 :** 978-93-55383-87-7

**ISBN 10 :** 9355383878

**E-ISBN 13 :** 978-93-55383-87-7

**Edition :** First

**Pages :** 192

**Type of book :** Physical

**Year :** 2026

**Language :** English

**Publisher :** Khanna Publishing House

**M.R.P :** Rs 358.00

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

**Condition Type :** New

**Country Origin :** India

## Product Description

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### Material Science & Engineering

This comprehensive textbook meticulously navigates through the foundational principles of atomic structures, phase diagrams, materials properties of ferrous and non-ferrous alloys, failure analysis and various materials testing methods, and surface engineering of metallic materials.

Key contribution from India in various section of material engineering has also been included at appropriate place to provide due credit to our Indian knowledge system. Every chapter includes not only the summary at the end of the chapter, but also relevant exercise problems to understand and explore the complex integration of materials, their behavior under diverse conditions, and the methodologies shaping their design and industrial utilization. Finally, this book will equip students with the knowledge of material science and engineering who will be tomorrow's engineers, and backbone of our industries.

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

## Table Of Contents

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- Foreword
- Acknowledgement
- Preface
- Outcome Based Education
- Course Outcomes
- Guidelines for Teachers
- Guidelines for Students
- Abbreviations and Symbols
- List of Figures
- List of Tables
- Crystal Structures and Bonds
- Phase Diagrams, Ferrous metals, and their Alloys
- Non-Ferrous Metals and Their Alloys
- Failure Analysis and Testing of Materials.
- Corrosion and Surface Engineering
- CO and PO Attainment Table
- Index

## Author

---

### **Vinod Kumar**

Dr. Vinod Kumar Assistant Professor and Former Head, Department of Metallurgical Engineering and Materials Science, IIT Indore, Simrol, Khandwa Road, Indore -453552, Madhya Pradesh Dr.

**Nisheeth Kumar Prasad**

Dr. Nisheeth Kumar Prasad Assistant Professor, Department of Metallurgical Engineering and Materials Science, IIT Indore, Simrol, Khandwa Road, Indore-453552.



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

|                         |                                                                                 |
|-------------------------|---------------------------------------------------------------------------------|
| <b>Author :</b>         | Reena Garg                                                                      |
| <b>ISBN 13 :</b>        | 978-93-55381-77-4                                                               |
| <b>ISBN 10 :</b>        | 9355381778                                                                      |
| <b>E-ISBN 13 :</b>      | 978-93-55381-77-4                                                               |
| <b>Edition :</b>        | 1                                                                               |
| <b>Pages :</b>          | 692                                                                             |
| <b>Type of book :</b>   | Physical                                                                        |
| <b>Year :</b>           | 2025                                                                            |
| <b>Language :</b>       | English                                                                         |
| <b>Publisher :</b>      | Khanna Publishing House                                                         |
| <b>M.R.P :</b>          | Rs 295.00                                                                       |
| <b>Categories :</b>     | <a href="#">AICTE Prescribed Textbooks, Book Store, Ebooks, Malayalam Books</a> |
| <b>Condition Type :</b> | New                                                                             |
| <b>Country Origin :</b> | India                                                                           |

## Product Description

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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.

## 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.
- Matrices.
- Vector Spaces I.
- Vector Spaces II.
- Index
- CO 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 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 International Journals. She is a life-time member of Forum of Inter-disciplinary mathematics in India. She is a member of reviewer Board in IJRET, Bangalore.



## Mathematics-II

|                         |                                                                                                                     |
|-------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Author :</b>         | Garima Singh                                                                                                        |
| <b>ISBN 13 :</b>        | 978-93-55380-06-7                                                                                                   |
| <b>ISBN 10 :</b>        | 9355380062                                                                                                          |
| <b>E-ISBN 13 :</b>      | 978-93-55380-06-7                                                                                                   |
| <b>Edition :</b>        | 1                                                                                                                   |
| <b>Pages :</b>          | 196                                                                                                                 |
| <b>Type of book :</b>   | Physical                                                                                                            |
| <b>Year :</b>           | 2023                                                                                                                |
| <b>Language :</b>       | English                                                                                                             |
| <b>Publisher :</b>      | Khanna Publishing House                                                                                             |
| <b>M.R.P :</b>          | Rs 395.00                                                                                                           |
| <b>Categories :</b>     | <a href="#">AICTE Prescribed Textbooks,</a><br><a href="#">Kannada Books, Book Store,</a><br><a href="#">Ebooks</a> |
| <b>Condition Type :</b> | New                                                                                                                 |
| <b>Country Origin :</b> | India                                                                                                               |

## Product Description

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“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.

## Table Of Contents

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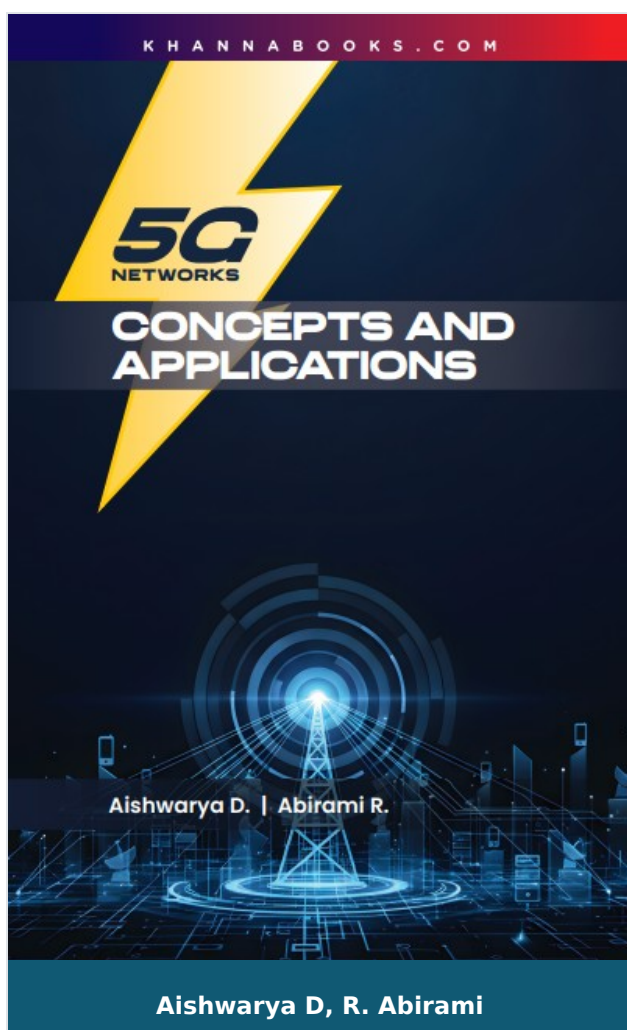
- Foreword,
- Acknowledgement,
- Preface,
- Outcome Based Educations,
- Course Outcomes,
- Abbreviations and Symbols,
- List of Figures,
- Guidelines for Teachers,
- Guidelines for Students
- Determinants and Matrices
- Integral Calculus
- Co-ordinate Geometry
- Vector Algebra
- Differential Equations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

## Author

---

**Garima Singh**

Garima Singh



## 5G Networks: Concepts and Applications

**Author :** Aishwarya D, R. Abirami

**ISBN 13 :** 978-93-55384-43-0

**ISBN 10 :** 9355384432

**E-ISBN 13 :** 978-93-55384-43-0

**Edition :** First

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**Type of book :** Physical

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**Language :** English

**Publisher :** Khanna Publishing House

**M.R.P :** Rs 148.00

**Categories :** [New Arrivals, Book Store,](#)  
[Sathyabama Series](#)

**Condition Type :** New

**Country Origin :** India

## Product Description

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### 5G Networks: Concepts and Applications

#### 5G: More Than Just Faster Internet

The Fifth Generation of wireless technology, or 5G, is far more than a simple speed boost for your smartphone; it represents a revolutionary shift in how the world connects, communicates, and innovates.

This book is your comprehensive guide to understanding this technological breakthrough. It starts by tracing the journey of mobile communication, from the analog voice calls of 1G and the text messages of 2G to the high-speed streaming of 4G LTE.

You will then dive deep into the heart of 5G, learning about its core features like ultra-fast speeds (up to 10Gbps) and near-zero latency (as low as 1 millisecond). The text clearly explains how these capabilities are transforming major industries:

- Healthcare: Enabling life-saving remote surgeries with robotic precision.
- Transportation: Powering autonomous vehicles that communicate instantly to ensure safety.
- Smart Cities: Managing massive amounts of connected devices, from traffic lights to smart grids.

Whether you are a student, an engineer, or a business leader, this book will equip you with the knowledge to understand both the technical foundations and the immense opportunities unlocked by the 5G network.

#### Salient Features:

This book is a vital resource designed to demystify 5G and prepare you for the future of connectivity. Key features include:

- **Generational Overview:** A clear, concise breakdown of the evolution of mobile networks from 1G through the cutting-edge concepts of 6G and beyond.
- **Core 5G Technologies Explained:** Detailed explanations of the crucial technologies that make 5G possible, including Massive MIMO, Beamforming (focused signals), and Network Slicing (custom virtual networks).
- **The Internet of Things (IoT) Blueprint:** A dedicated look at how 5G acts as the essential backbone for the massive growth of IoT, supporting up to a million devices per square kilometer.
- **Spectrum Analysis:** Comprehensive coverage of the three main frequency bands: Low-Band (wide coverage), Mid-Band (balanced speed), and High-Band/mmWave (fiber-like speeds).
- **Real-World Applications:** In-depth case studies and examples of 5G use cases, such as Extreme Mobile Broadband (eMBB) for 4K/8K video streaming and its role in industrial automation and precision agriculture.

## Table Of Contents

---

- Overview of mobile communication
- 5G: A network of opportunity
- IoT applications
- Quality of service

## Author

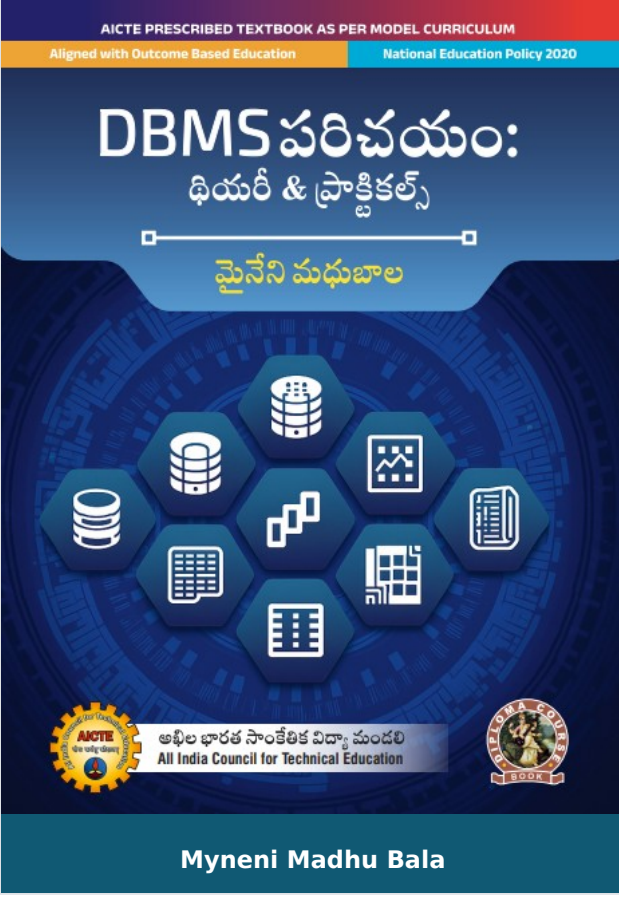
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**Aishwarya D**

Aishwarya D. / Abirami R.

**R. Abirami**

Aishwarya D. / Abirami R.



## Introduction to DBMS: Theory & Practicals

**Author :** Myneni Madhu Bala

**ISBN 13 :** 978-93-55388-34-6

**ISBN 10 :** 9355388349

**E-ISBN 13 :** 978-93-55388-34-6

**Edition :** First

**Pages :** 216

**Type of book :** Physical

**Year :** 2026

**Language :** English

**Publisher :** Khanna Publishing House

**M.R.P :** Rs 348.00

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

**Condition Type :** New

**Country Origin :** India

## Product Description

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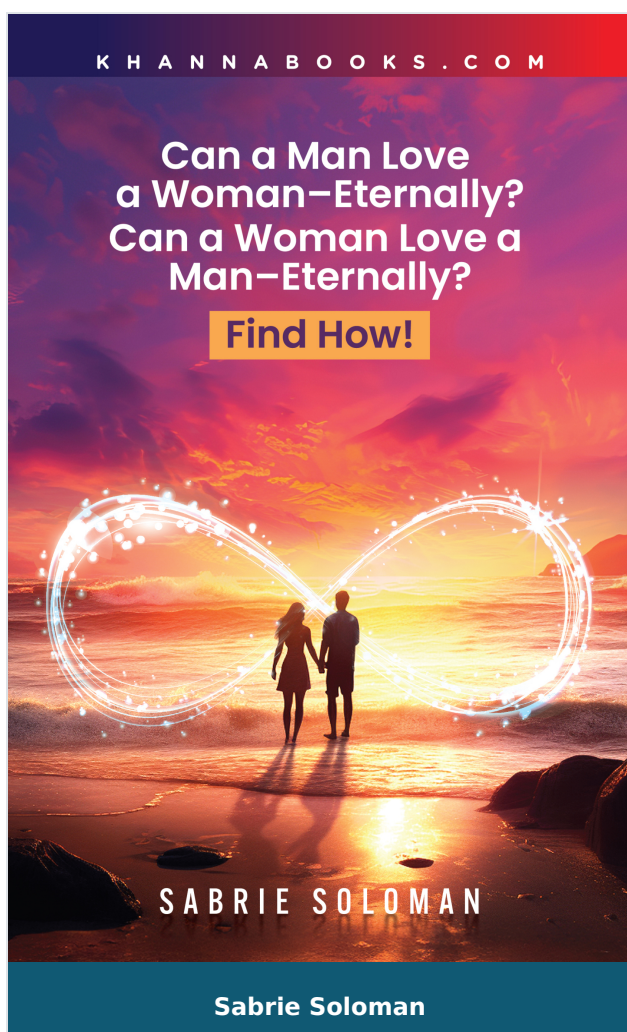
Introduction to DBMS: Theory & Practicals

## Author

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**Myneni Madhu Bala**

Dr. Myneni Madhu Bala Professor, Department of Computer Science Engineering, Institute of Aeronautical Engineering , Telangana



## Can A Man Love a Woman - Eternally? Can a Woman Love a Man - Eternally? Find How

|                         |                                                         |
|-------------------------|---------------------------------------------------------|
| <b>Author :</b>         | Sabrie Soloman                                          |
| <b>ISBN 13 :</b>        | 978-93-55382-17-7                                       |
| <b>ISBN 10 :</b>        | 9355382170                                              |
| <b>E-ISBN 13 :</b>      | 978-93-55382-17-7                                       |
| <b>Edition :</b>        | First                                                   |
| <b>Pages :</b>          | 704                                                     |
| <b>Type of book :</b>   | Physical                                                |
| <b>Year :</b>           | 2025                                                    |
| <b>Language :</b>       | English                                                 |
| <b>Publisher :</b>      | Khanna Publishing House                                 |
| <b>M.R.P :</b>          | Rs 550.00                                               |
| <b>Categories :</b>     | <a href="#">New Arrivals, General Books, Book Store</a> |
| <b>Condition Type :</b> | New                                                     |
| <b>Country Origin :</b> | India                                                   |

## Product Description

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### **Can a man love a woman - Eternally? Can a women love a men -Eternally? Find How!**

This thoughtful book explores the timeless essence of romantic love between man and women through scriptural, moral, and emotional lenses. It highlights the roles of sacrificial love, mutual respect, and personal growth in relationships. Drawing from ancient wisdom and modern insights, it guides couples to nurture enduring, spiritually rooted bonds. This book encourages understanding, commitment, and transformation: making it meaningful companion for anyone seeking a deeper, lasting connection in today's evolving world.

## Table Of Contents

---

- Dedication
- Foreword
- Preface
- About The Author
- Introduction
- What is a Man?
- What is a Woman?
- What is Love?
- The Integrity of a Single Man
- What is Infidelity?
- Lust in The Life of a Man or a Woman
- The Concept of a Contrite Heart in Men and Women
- Navigating Daily Crises
- Don't Give up Yet
- How Should a Man Love a Woman - Eternally?
- Appendix

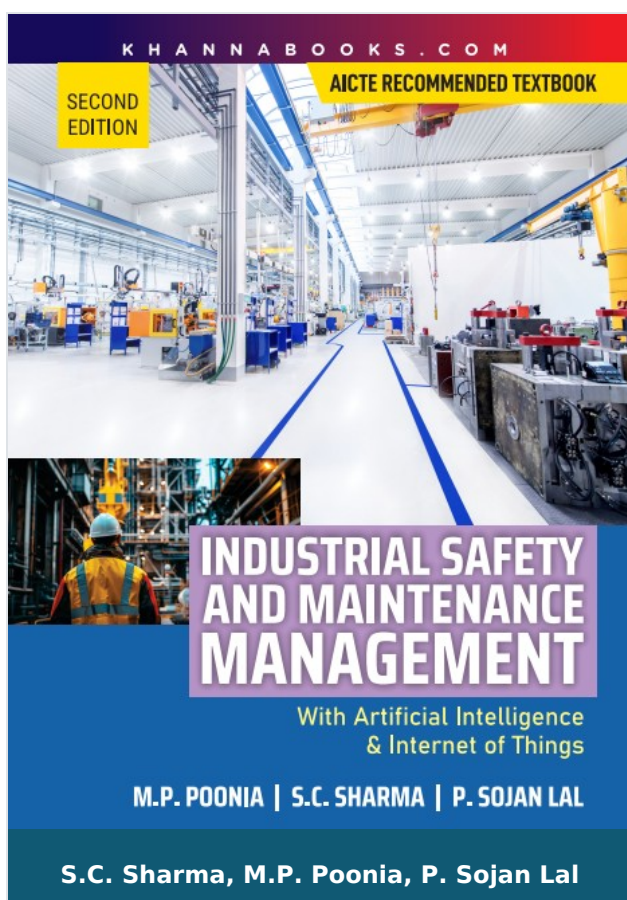
## Author

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### **Sabrie Soloman**

Dr. Sabrie Soloman, Ph.D., Sc.D., MBA, PE - He is the Chairman & CEO of American SensoR x, In, USA; Founder of Advanced Manufacturing Post Graduate Studies at Columbia University, USA; Professor of Advanced Technology at Columbia, where he lectures on Sensors & Control Systems in Manufacturing, Affordable Automation, Computer Integrated Manufacturing (CIM), Flexible Manufacturing System (FMS), Design

for Manufacturability, Introduction to Electromechanical Engineering, Modern Welding Technology, and 3D Printing/Bioprinting Technology. Dr. Soloman authored numbers of technical books published and translated worldwide: Sensors Handbook (2nd edition), Sensors and Control Systems in Manufacturing (2nd edition), Affordable Automation, Introduction to Electromechanical Engineering, Modern Welding Technology, to name a few. Dr. Soloman holds numerous Patents, Technical Awards, and several US Product Registrations. He is a Fellow of the Society of Manufacturing Engineers. USA. The Royal Society of Manufacturing Engineers (England), and L'Ores Des Ingenieurs Du Quebec (Canada), He received several awards from the American Society of Mechanical Engineers (ASME), the Society of Manufacturing Engineers (SME), and the American Management Association (AMA). Dr. Soloman is considered an international authority on advanced manufacturing technology, robotics, biomedical engineering, pharmaceuticals, and automation in the microelectronic, automotive, beef, pork, poultry industries. He has been and continues to be instrumental in developing and implementing several industrial and modernization programs through the United Nation to European, Asian, and African countries. He is the first to introduce and implement unmanned flexible synchronous/asynchronous manufacturing systems the microelectronic and meat industries, and the first to incorporate advanced vision technology in a wide array of robot/micro-robot manipulators. Dr. Soloman was selected to deliver the US Presidential closing address, "Innovative Remote Sensors Technologies," at the Universal Design Conference, New York, USA



## Industrial Safety and Maintenance Management (With Artificial Intelligence & Internet of Things)

**Author :** S.C. Sharma, M.P. Poonia, P. Sojan Lal

**ISBN 13 :** 978-93-55389-48-0

**ISBN 10 :** 9355389485

**E-ISBN 13 :** 978-93-55389-48-0

**Edition :** Second

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**Type of book :** Physical

**Year :** 2026

**Language :** English

**Publisher :** Khanna Publishing House

**M.R.P :** Rs 550.00

**Categories :** [Mechanical Engineering,](#)  
[UNIVERSITY RECOMMENDED,](#)  
[Mechanical Engineering, Book Store](#)

**Condition Type :** New

**Country Origin :** India

## Product Description

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In the age of industrialization having main focus on increased production, higher productivity, stringent quality, minimizing cost etc., it has become essential to have more knowledge on industrial safety and various hazards with their remedial measures. Maintenance aspects are also gaining importance, as they have substantial impact on production, productivity, workers safety and their health and working environment. Neglect of safety in an industry at any stage. from concept to design, erection, commissioning, operation and maintenance of plant and machinery may lead to loss of life, production and money. It is hoped that this book will be very useful for the engineering student and professionals. The book covers the AICTE model curriculum and the syllabi of various other Indian university on the subject.

## Table Of Contents

---

- PART - 1: INDUSTRIAL SAFETY
- Safety Concept
- Accidents and Their Prevention
- Accident Investigation and Reporting
- Safety Management
- She Audit and Safety Management Techniques
- Hazards
- Occupation Health and Hygiene
- Ergonomics (Human Engineering)
- Safety Performance
- Fire and Explosions
- Fire Prevention, Protection and Control
- Electrical Safety
- Common Hazards in Construction Industry
- Hazards in Industry and Safe Working Practice
- Safety in Materials Handling and Storage
- Personal Protection Equipment (PPE)
- Occupation Health and Safety Management System
- First Aid and Medical Care
- PART - 2: MAINTENANCE MANAGEMENT
- Introduction to Maintenance
- Maintenance Strategies/Types
- Reliability Engineering

- Maintenance, Availability and Failure Analysis
- Replacements Economics
- Maintenance and Repairs of Defects/Failures
- INDEX

## Author

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### **S.C. Sharma**

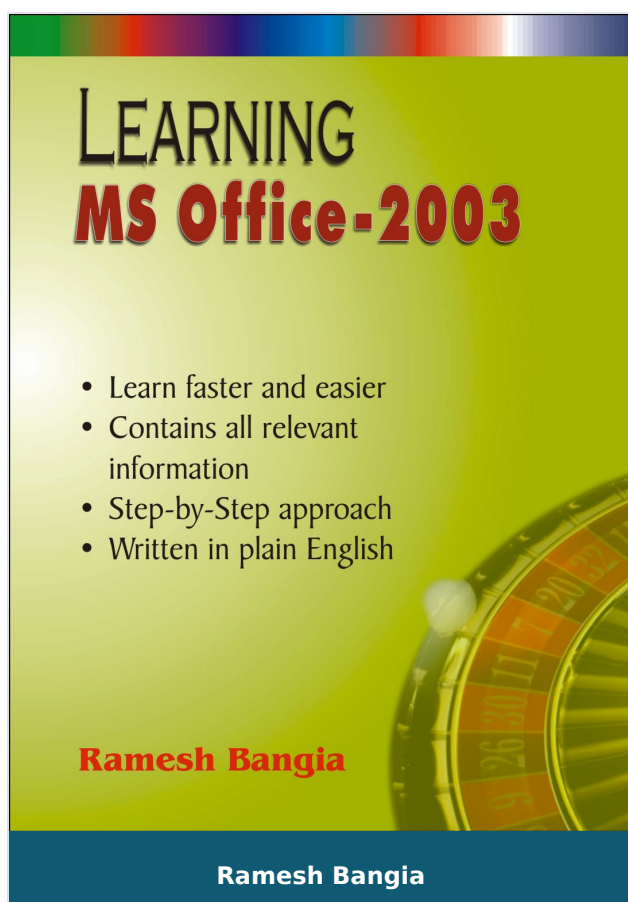
S.C. Sharma after graduation in 1966 joined as lecturer in Mechanical Engineering. He had been associated for more than 4 decades in various fields including learning and management of projects in India and abroad in different capacities. While working Hydro power projects for more than 15 years he has 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.

### **M.P. Poonia**

Dr. M.P. Poonia is presently serving as Vice Chairman, All India Council for Technical Education (AICTE). Prior to this, he remained as Director, National Institute of Technical Teachers' Training and Research (NITTTR), Chandigarh. Dr. Poonia is the recipient of Bharat Mata Award conferred by Indian Institute of Oriental Heritage (an International Institute of Oriental Studies and Research, Kolkata). Dr. M.P.Poonia is specialized in the field of Mechanical Engineering. He possesses a vast experience of 30 years. He has published 80 research papers in National and International Journals and published 8 books with M/s. Khanna Book Publishing Company.

### **P. Sojan Lal**

P. Sojan Lal was awarded PH. D. from Cochin University of Science and technology, kerala, India. He is Professor, department of computer science and engineering, MBITS, kerala, India and Research supervisor for PH. D. programs of University of petroleum & Energy Studies, Dehardun, India as well as school of computer science, Mahatma Gandhi University, kerala, India. He has 29 Years of academic and industrial experience with 60 publications inclusive of two technical books. His joint publications are recorded with world records India (2014) for most number of papers in several international technical journals within short duration. He has also obtained MBA from starthclyde Business School, Scotland, UK and is a fellow of the Institution of engineers (FIE-India). He was the district Operationg Board member for ASME, Middle east and Africa region. He is a member of ISTE, ASME, IEEE, CSI and engineering Council (UK). He is listed in marquis who's who in the world since 2009 as the biographical reference representing the world's most accomplished individuals.



## Learning MS Office 2003

|                         |                                                                       |
|-------------------------|-----------------------------------------------------------------------|
| <b>Author :</b>         | Ramesh Bangia                                                         |
| <b>ISBN 13 :</b>        | 978-81-87325-42-0                                                     |
| <b>ISBN 10 :</b>        | 8187325429                                                            |
| <b>E-ISBN 13 :</b>      | 978-81-87325-42-0                                                     |
| <b>Edition :</b>        | 1                                                                     |
| <b>Pages :</b>          | 312                                                                   |
| <b>Type of book :</b>   | Physical                                                              |
| <b>Year :</b>           | 2010                                                                  |
| <b>Language :</b>       | English                                                               |
| <b>Publisher :</b>      | Khanna Publishing House                                               |
| <b>M.R.P :</b>          | Rs 225.00                                                             |
| <b>Categories :</b>     | <a href="#">Computer Books - English, Book Store, Learning Series</a> |
| <b>Condition Type :</b> | New                                                                   |
| <b>Country Origin :</b> | India                                                                 |

## Product Description

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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. Microsoft Office 2003 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 2003
- Creating a Document in Microsoft Word 2003
- Proofing a Document in Microsoft Word 2003
- Working with Longer Documents
- Creating Documents using Wizards
- Additional Commons of Word 2003
- Mail Merge in Word 2003
- Using Drawing Tools in Word 2003
- Creating a Worksheet in Excel 2003
- Advanced Techniques of Excel 2003
- Working with Charts in Excel 2003
- Creating a Database in Access 2003
- Working with Tables in Access 2003
- Working with Reports in Access 2003
- Creating Presentations using Auto Content Wizard in Power Point 2003
- Creating New Presentation in Power Point 2003
- Creating Presentation from Template in Power Point 2003
- Working on Presentation in Power Point 2003
- Working in Slide Sorter View in Power Point 2003
- Making Slide Shows in Power Point 2003
- Creating a Web Page using Wizard in Front Page 2003
- Creating a Web Page using Template in Front Page 2003
- Using One Note 2003

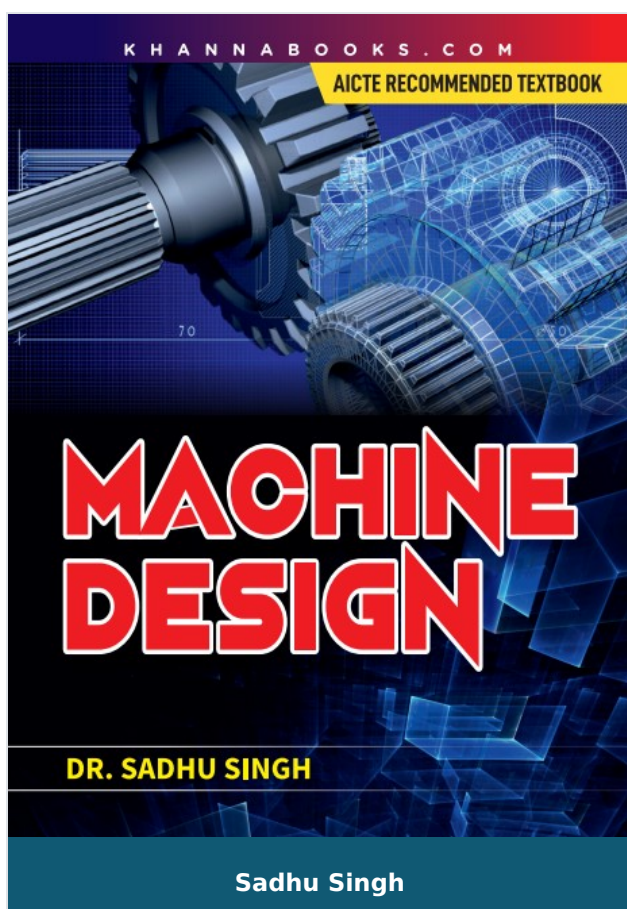
- Using Info Path Forms 2003
- Using Office Visio 2003
- Speech and Handwriting
- Questions

## 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.



## Machine Design

|                         |                                                                                                                                                             |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Author :</b>         | Sadhu Singh                                                                                                                                                 |
| <b>ISBN 13 :</b>        | 978-93-82609-57-5                                                                                                                                           |
| <b>ISBN 10 :</b>        | 9382609571                                                                                                                                                  |
| <b>E-ISBN 13 :</b>      | 978-93-82609-57-5                                                                                                                                           |
| <b>Edition :</b>        | 1                                                                                                                                                           |
| <b>Pages :</b>          | 826                                                                                                                                                         |
| <b>Type of book :</b>   | Physical                                                                                                                                                    |
| <b>Year :</b>           | 2026                                                                                                                                                        |
| <b>Language :</b>       | English                                                                                                                                                     |
| <b>Publisher :</b>      | Khanna Publishing House                                                                                                                                     |
| <b>M.R.P :</b>          | Rs 575.00                                                                                                                                                   |
| <b>Categories :</b>     | <a href="#">Mechanical Engineering,</a><br><a href="#">UNIVERSITY RECOMMENDED,</a><br><a href="#">Mechanical Engineering, Book</a><br><a href="#">Store</a> |
| <b>Condition Type :</b> | New                                                                                                                                                         |
| <b>Country Origin :</b> | India                                                                                                                                                       |

**Khanna Publishing House**

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

## Product Description

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This book is useful for the students of B. Tech/ B.E. for all Indian Universities and Institutions. This book covers all the topics related to Machine Design components and Machines. The matter contains data as per BIS. A lot many problems have been solved taking data from BIS. utilizing the the latest standards and codes, it is expected that the book shall be appreciated by the students as well as teachers.

## Table Of Contents

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- Engineering Design
- Selection of Engineering Materials
- Design for Static Load
- Design for Variable Load
- Riveted Joints
- Welded Joints
- Screwed Joints
- Power Screws
- Transmission Shafts
- Keys and Couplings
- Levers
- Cotter and Knuckle-Joints
- Pine Joints
- Mechanical Springs
- Flat & V-Belts
- Chains and Ropes
- Spur Gears
- Helical Gears
- Bevel Gears
- Worm Gears
- Siding Bearings
- Rolling Contact Bearings
- Flywheel

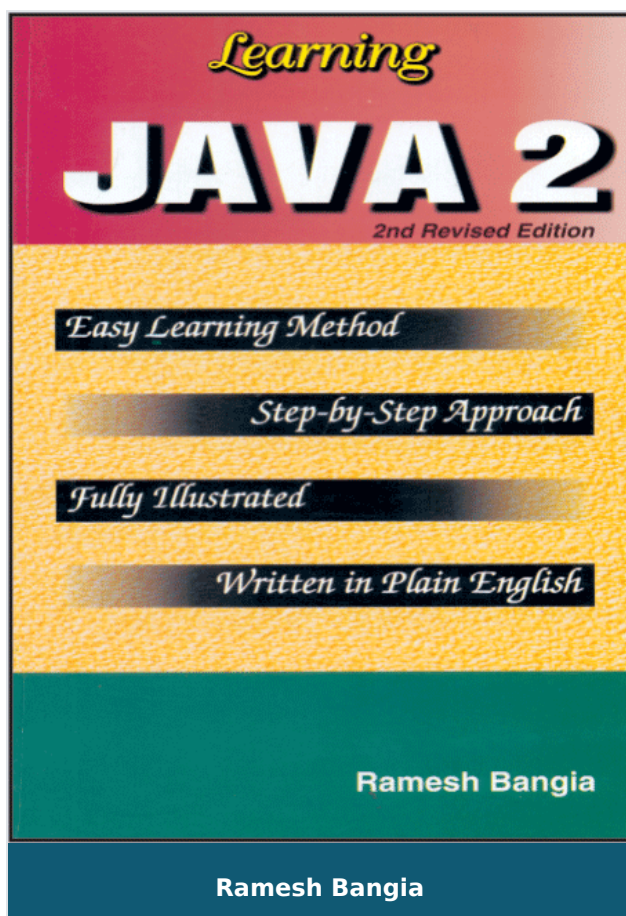
- Clutches and Brakes
- Internal Combustion Engine Parts
- Lubrication in Transmission System
- Multi-Choice Questions

## Author

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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.



## Learning Java 2

|                         |                                                                                      |
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## Product Description

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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. JAVA 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

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- Introduction to JAVA
- JAVA and C++
- JAVA Programming
- Applets Programming
- Graphics using Applets
- Object Oriented Programming
- Interface Design with Swing
- What's Next
- Questions

## Author

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### **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.