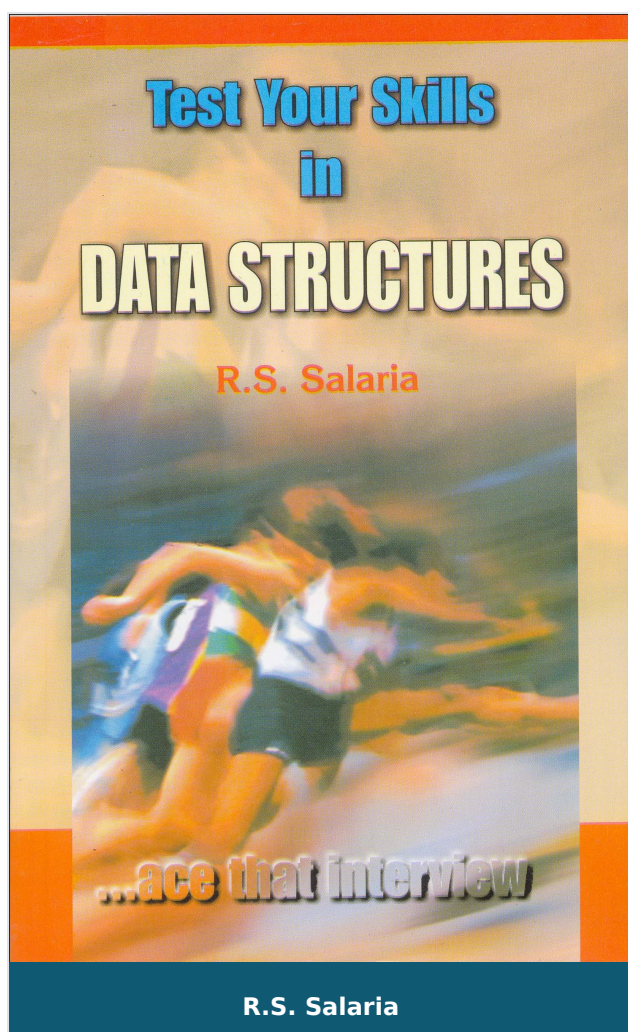




## Test Your Skills in Data Structures

|                         |                                                  |
|-------------------------|--------------------------------------------------|
| <b>Author :</b>         | R.S. Salaria                                     |
| <b>ISBN 13 :</b>        | 978-81-87325-47-5                                |
| <b>ISBN 10 :</b>        | 818732547X                                       |
| <b>E-ISBN 13 :</b>      | 978-81-87325-47-5                                |
| <b>Edition :</b>        | 1                                                |
| <b>Pages :</b>          | 268                                              |
| <b>Type of book :</b>   | Physical                                         |
| <b>Year :</b>           | 2016                                             |
| <b>Language :</b>       | English                                          |
| <b>Publisher :</b>      | Khanna Publishing House                          |
| <b>M.R.P :</b>          | Rs 150.00                                        |
| <b>Categories :</b>     | <a href="#">OBJECTIVE TYPE BOOKS, Book Store</a> |
| <b>Condition Type :</b> | New                                              |
| <b>Country Origin :</b> | India                                            |

## Product Description

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Data Structures is one of the important subjects in computer science. Understanding of various data structures and the choice of an appropriate data structure is very crucial for the success of any software. All IT companies want that students must be very good in conceptual as well as practical knowledge of Data structures. This book gives an ample opportunity to you to test/ evaluate your skills in Data structures. Plenty of multiple choice type questions. Plenty of true false type questions. Plenty of fill-in the blanks type questions. Plenty of short answer type questions.

## Table Of Contents

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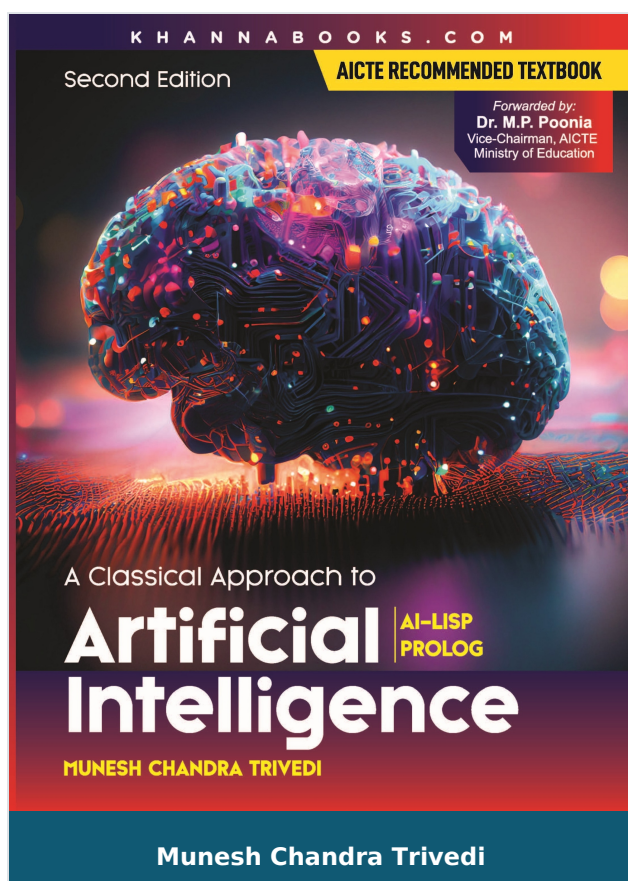
- Some Useful Tips
- Multiple Choice Type Questions
- True-False Type Questions
- Fill in the Blanks Type Questions
- Short Answer Type Questions
- Glossary

## Author

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### **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>



## A Classical Approach to Artificial Intelligence | AICTE Recommended Textbook

|                         |                                                                                                                                                                                 |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Author :</b>         | Munesh Chandra Trivedi                                                                                                                                                          |
| <b>ISBN 13 :</b>        | 978-81-90698-89-4                                                                                                                                                               |
| <b>ISBN 10 :</b>        | 8190698893                                                                                                                                                                      |
| <b>E-ISBN 13 :</b>      | 978-81-90698-89-4                                                                                                                                                               |
| <b>Edition :</b>        | Second                                                                                                                                                                          |
| <b>Pages :</b>          | 540                                                                                                                                                                             |
| <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 495.00                                                                                                                                                                       |
| <b>Categories :</b>     | <a href="#">UNIVERSITY RECOMMENDED,</a><br><a href="#">Computer Science Engineerings,</a><br><a href="#">Emerging Technologies, Book</a><br><a href="#">Store, Best Sellers</a> |
| <b>Condition Type :</b> | New                                                                                                                                                                             |
| <b>Country Origin :</b> | India                                                                                                                                                                           |

**Khanna Publishing House**

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

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

## Product Description

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There are many books available in the market on the proposed topic but none of them can be termed as comprehensive. Besides, students face many problems in understanding the language of this books. Keeping these points in mind, Artificial Intelligence was prepared, which should be simple enough to comprehend and comprehensive enough to encompass all the topics of different institutions and universities.

## Table Of Contents

---

- Overview of Artificial Intelligence
- Problem Solving and Search
- Search Methods
- Problem Solving in Games (Adversarial Search)
- Understanding Natural Languages
- Knowledge Representation
- Techniques of Knowledge Representation
- Expert System
- Pattern Recognition
- Computer Vision
- Computer Vision Representations
- Common Sense
- Programming Languages

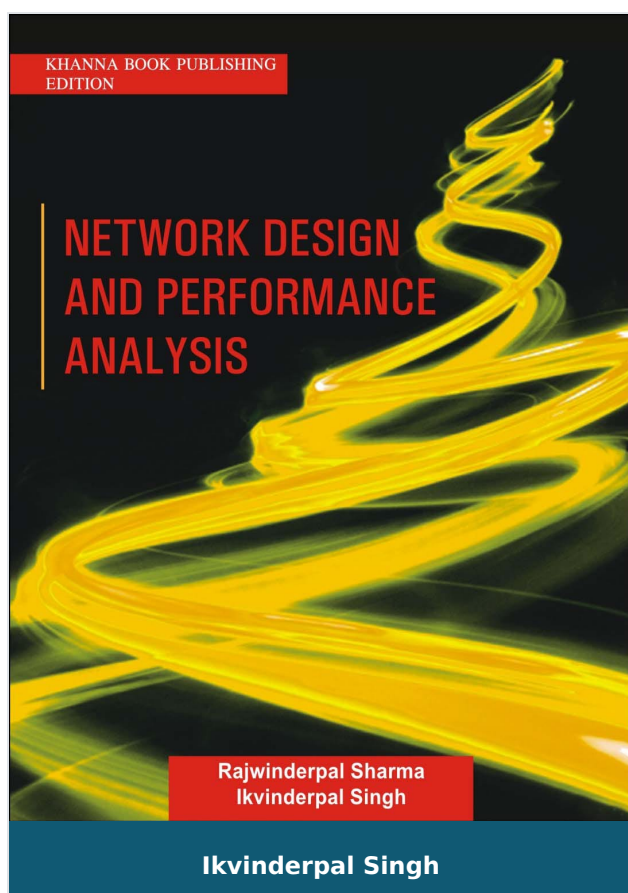
## Author

---

### **Munesh Chandra Trivedi**

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

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



## Network Design and Performance Analysis

|                         |                                                                             |
|-------------------------|-----------------------------------------------------------------------------|
| <b>Author :</b>         | Ikvinderpal Singh                                                           |
| <b>ISBN 13 :</b>        | 978-93-81068-41-0                                                           |
| <b>ISBN 10 :</b>        | 9381068410                                                                  |
| <b>E-ISBN 13 :</b>      | 978-93-81068-41-0                                                           |
| <b>Edition :</b>        | 1                                                                           |
| <b>Pages :</b>          | 320                                                                         |
| <b>Type of book :</b>   | Physical                                                                    |
| <b>Year :</b>           | 2015                                                                        |
| <b>Language :</b>       | English                                                                     |
| <b>Publisher :</b>      | Khanna Publishing House                                                     |
| <b>M.R.P :</b>          | Rs 325.00                                                                   |
| <b>Categories :</b>     | <a href="#">Computer Science Engineering,</a><br><a href="#">Book Store</a> |
| <b>Condition Type :</b> | New                                                                         |
| <b>Country Origin :</b> | India                                                                       |

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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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Discusses on the introduction to requirements analysis and specifications. Detailed explanation of the Traffic Engineering & capacity planning. Provides a detailed treatment of network performance modeling. Covers the concept of choosing service provider, vendor and service levels. Design and architecture of access network design. Provides an extensive treatment of backbone network design. Covers the concept of security and designing for network. Detailed explanation of documentation and network management. Demonstrates the concept of the network optimization.

## Table Of Contents

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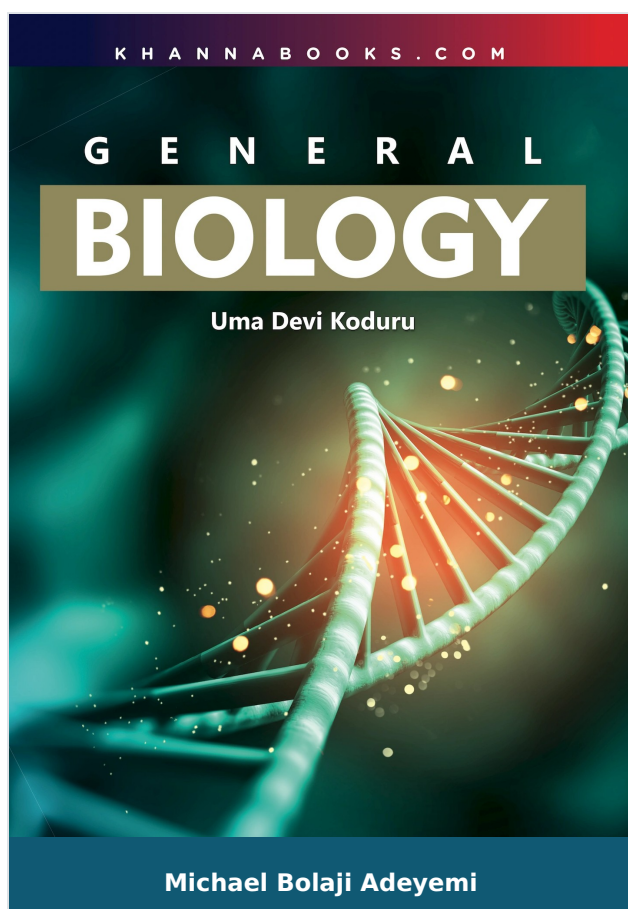
- Requirements Analysis and Specifications
- Traffic Engineering and Capacity Planning
- Network Performance Modeling
- Technology Comparisons
- Choosing Service Providers & Vendors & Service Levels
- Access Network Design
- Backbone Network Design
- Network Security
- Documentation and Network Management
- Network optimization

## Author

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### **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.



## General Biology

|                         |                                                               |
|-------------------------|---------------------------------------------------------------|
| <b>Author :</b>         | Michael Bolaji Adeyemi                                        |
| <b>ISBN 13 :</b>        | 978-93-91505-02-8                                             |
| <b>ISBN 10 :</b>        | 9391505023                                                    |
| <b>E-ISBN 13 :</b>      | 978-93-91505-02-8                                             |
| <b>Edition :</b>        | First                                                         |
| <b>Pages :</b>          | 300                                                           |
| <b>Type of book :</b>   | Physical                                                      |
| <b>Year :</b>           | 2024                                                          |
| <b>Language :</b>       | English                                                       |
| <b>Publisher :</b>      | Khanna Publishing House                                       |
| <b>M.R.P :</b>          | Rs 525.00                                                     |
| <b>Categories :</b>     | <a href="#">Book Store, APPLIED SCIENCES &amp; HUMANITIES</a> |
| <b>Condition Type :</b> | New                                                           |
| <b>Country Origin :</b> | India                                                         |

## Product Description

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- Covers in toto the syllabus prescribed by AICTE and APSHE for the General Biology Course.
- Service as a textbook to guide the instructor.
- Suitable for self -study with explanatory stand-along illustrations.
- Encompasses the entire breadth of topics in Biology.
- An Essential for students pursuing a basis course in Biology.
- Presents the topics in a style that can be comprehended by students from non-biology background.

## Table Of Contents

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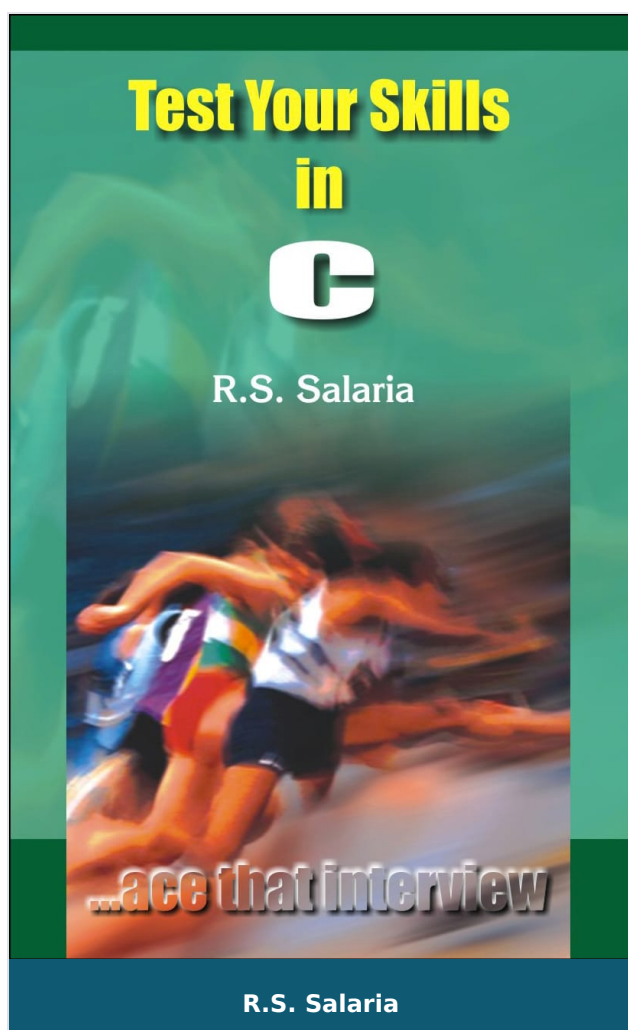
- Biology-An Exciting Science; Biomimicry
- Classification and Model Organisms
- Genetics
- Biomolecules
- Enzymes Information transfer in Living Organisms
- Protein Structure and Function
- Laws of Thermodynamics at Play in Metabolism
- Microbiology
- Biotechnology

## Author

---

**Michael Bolaji Adeyemi**

Michael Bolaji Adeyemi



## Test Your Skills in C

|                         |                                                  |
|-------------------------|--------------------------------------------------|
| <b>Author :</b>         | R.S. Salaria                                     |
| <b>ISBN 13 :</b>        | 978-81-87325-49-9                                |
| <b>ISBN 10 :</b>        | 8187325496                                       |
| <b>E-ISBN 13 :</b>      | 978-81-87325-49-9                                |
| <b>Edition :</b>        | 1                                                |
| <b>Pages :</b>          | 304                                              |
| <b>Type of book :</b>   | Physical                                         |
| <b>Year :</b>           | 2016                                             |
| <b>Language :</b>       | English                                          |
| <b>Publisher :</b>      | Khanna Publishing House                          |
| <b>M.R.P :</b>          | Rs 125.00                                        |
| <b>Categories :</b>     | <a href="#">OBJECTIVE TYPE BOOKS, Book Store</a> |
| <b>Condition Type :</b> | New                                              |
| <b>Country Origin :</b> | India                                            |

## Product Description

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Since its inception, C has gained wide acceptance in industry and continues to enjoy the same. Even the modern languages, such as C++/java/C#, have been influenced by the success of C language. Therefore, If you are proficient in C language, it takes little time to graduate to languages. All IT companies want that students must be very good in conceptual knowledge of C language. This book gives an ample opportunity to you to test/ evaluate your skills in C. Plenty of multiple choice type questions. Plenty of true false type questions. Plenty of fill-in the blanks type questions. Plenty of short answer type questions.

## Table Of Contents

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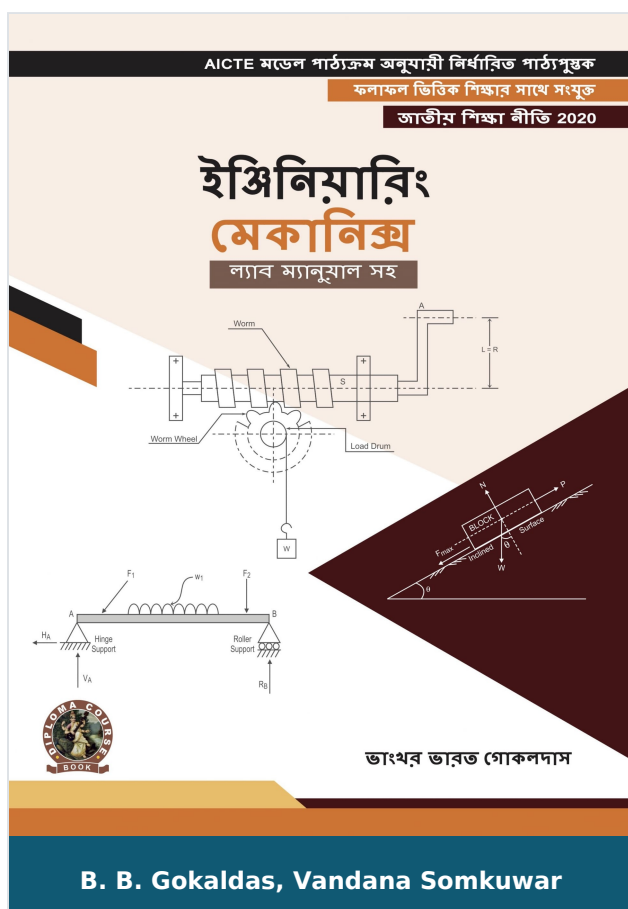
- Some Useful Tips
- Multiple Choice Type questions
- True-false type questions
- Fill-In The Blanks Type Questions
- Short answer type questions

## 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>



## Engineering Mechanics (with Lab Manual)

**Author :** B. B. Gokaldas, Vandana Somkuwar

**ISBN 13 :** 978-93-55381-50-7

**ISBN 10 :** 9355381506

**E-ISBN 13 :** 978-93-55381-50-7

**Edition :** First

**Pages :** 192

**Type of book :** Physical

**Year :** 2022

**Language :** English

**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

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“Engineering Mechanics with Lab Manual” is a compulsory for the first year Diploma course in Engineering 7 Technology. Syllabus of this book is strictly align as per model curriculum of AICTE and academic content is amalgamate with the concept of Outcome based Education (OBE).

Book covers is five units- Basic mechanics & force system, Equilibrium, Friction, Centroid and Centre of gravity & simple lifting machine. Each unit written in every easy, systematic and orderly manner. Each unit contains a set of exercise at the end of each unit to test the student’s comprehension. Also in each unit the laboratory practical pertaining to unit is included.

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, tables, equations and activities 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.
6. Solved and unsolved problems including numerical examples taken with systematic steps.

## Table Of Contents

---

- Foreword,
- Acknowledgement,
- Preface,
- Outcome Based Educations,
- Course Outcomes,
- Abbreviations and symbols,
- List of Figures,
- Guidelines for Teachers,
- Guidelines for Students,
- Basic of Mechanics and Force System
- Equilibrium
- Friction
- Centroid and Centre of Gravity
- Centroid and Centre of Gravity
- Appendix
- Index

## Author

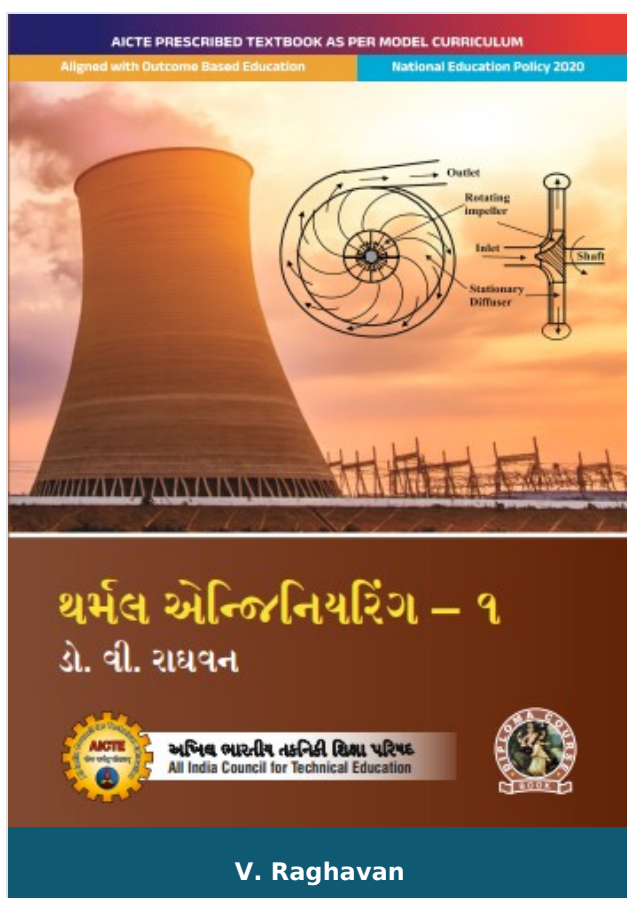
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**B. B. Gokaldas**

B. B. Gokaldas B. G. Gokaldas

**Vandana Somkuwar**

Vandana Somkuwar



## Thermal Engineering- I

**Author :** V. Raghavan

**ISBN 13 :** 978-93-55382-49-8

**ISBN 10 :** 9355382499

**E-ISBN 13 :** 978-93-55382-49-8

**Edition :** First

**Pages :** 268

**Type of book :** Physical

**Year :** 2026

**Language :** English

**Publisher :** Khanna Publishing House

**M.R.P :** Rs 425.00

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

**Condition Type :** New

**Country Origin :** India

## Product Description

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### Thermal Engineering- I

This book introduces various energy sources; fossil and renewable fuels, their properties, followed by other non-conventional sources such as nuclear and fuel cells. It discusses the types of heat engines; diesel engine, petrol engine, their working principle, components and standard thermodynamic cycles. The book provides insights of various system and IC engines such as fuel injection system, ignition system, lubricating system and also briefly covers governing of IC engines. Further this book provides basic insights of the important parameters to evaluate the performance of I.C. engines. Finally, useful discussions on the fundamentals of air compressors and their types, vapour compression refrigeration system, types of refrigerants, types of air conditioning, and seasonal air conditioning. This book also presents the method to conduct experiments for measuring Important properties used in the analysis.

### 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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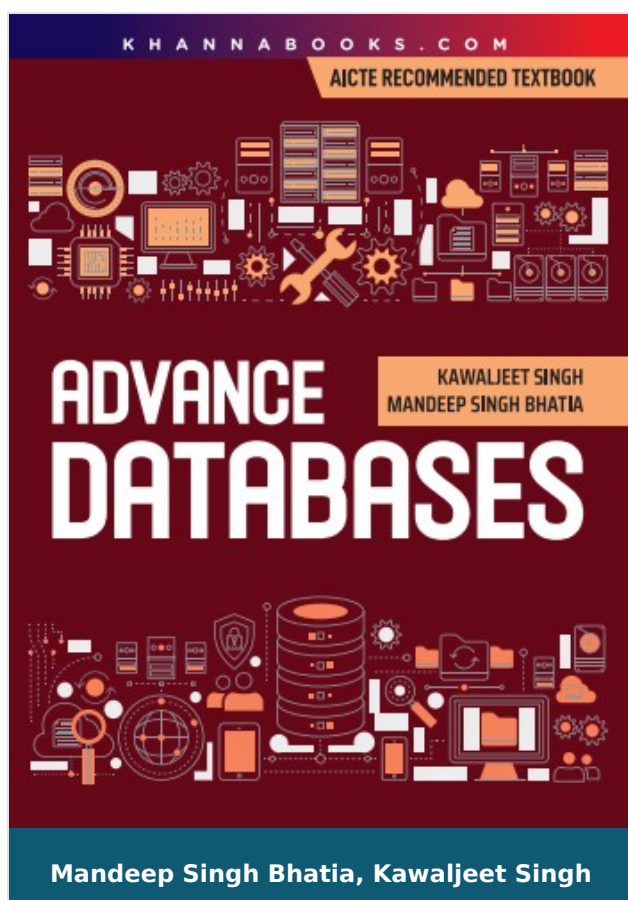
- Foreword
- Acknowledgement
- Preface
- Outcome Based Education
- Course Outcomes
- Guidelines for Teachers
- Guidelines for Students
- Abbreviations and Symbols
- List of Figures
- List of Tables
- Sources of Energy.
- Internal Combustion Engines.
- C. Engine Systems.
- Performance of I.C. Engines.
- Air Compressors, Refrigeration & Air Conditioning
- CO and PO Attainment Table
- Index

## Author

---

**V. Raghavan**

Dr. V. Raghavan



## Advance Databases

**Author :** Mandeep Singh Bhatia, Kawaljeet Singh

**ISBN 13 :** 978-81-90675-82-6

**ISBN 10 :** 8190675826

**E-ISBN 13 :** 978-81-90675-82-6

**Edition :** 1

**Pages :** 360

**Type of book :** Physical

**Year :** 2025

**Language :** English

**Publisher :** Khanna Publishing House

**M.R.P :** Rs 595.00

**Categories :** [Computer Science Engineering,](#)  
[Book Store](#)

**Condition Type :** New

**Country Origin :** India

## Product Description

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This book provides a comprehensive introduction to database system concepts, design and their applications. Besides the introduction of the simple databases concepts; it also covers the advance databases concepts with latest developments and trends in database technology. Basic concepts of database management systems. Step-by-step information to the concepts of normalization with various normal forms. Relational database concepts such as relational algebra and relational calculus with simplified examples. Advance and emerging database concepts such as object oriented database, distributed database, data warehousing, OLAP and data mining. Exercises having long answer type question for university exams; MCQ's for competitive exams.

## Table Of Contents

---

- Rudiments of Databases
- Modelling Databases
- Normalization
- Relational Databases Concepts
- Database Security
- Essentials of SQL
- Transaction Processing
- Concurrency Control
- Backup and Recovery
- Overview of Advance Databases Concepts
- Data Warehousing
- Online Analytical Processing
- Data Mining

## Author

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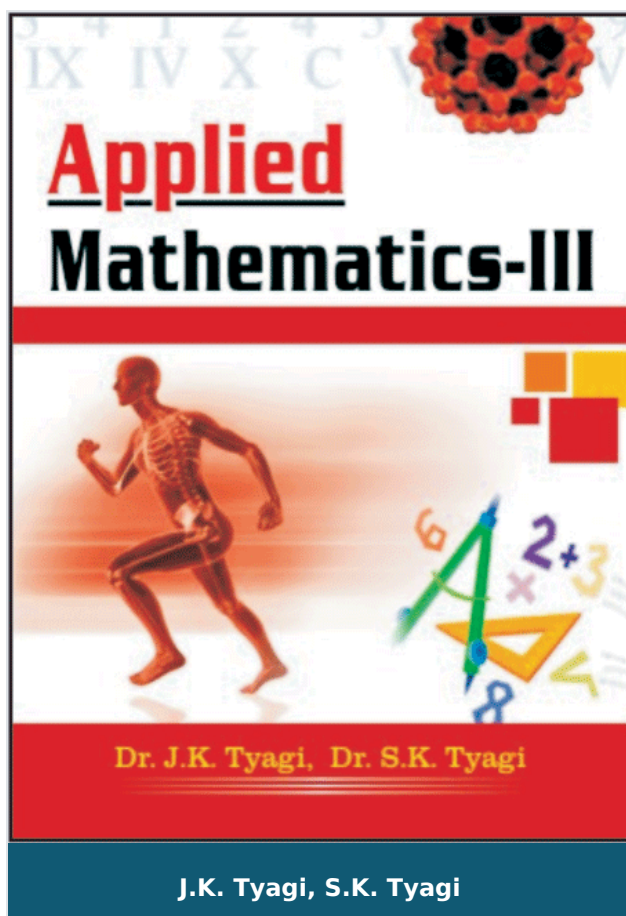
### **Mandeep Singh Bhatia**

Mr. Mandeep Singh Bhatia is presently working as Lecturer in Department of Computer Science & IT, Lyallpur Khansa College, Jalandhar. He is Master in Information Technology and has appropriate knowledge of Computer Software and Hardware. He is proficient in applying Data Mining Techniques in various fields. His subjects of interest are Data Warehousing, Data Mining, Computer Networks and Computer Hardware. His total teaching experience is of 5 years. He has written one research paper which has been published in the proceedings of international conference held at Austria. Other books by authore are: "Fundamentals of Computer Hardware" and "A Beginner's Guide to Visual

Bsaic 6".

#### **Kawaljeet Singh**

Dr. Kawaljeet Singh is presently working as Director, University Computer Centre, Punjab University, Patiala. He is also acting as Dean Faculty of Computer Application (Honorary) & member industry-institute formation of quality committee, PTU, Jalandhar. Earlier, he worked as Professor and Head, Department of Computer Science & Engineering, Guru Nanak Dev University, Regional Campus, Jalandhar. He was also the chairman board of both postgraduate and undergraduate (CSE) & Dean Faculty of Engineering & Technology, GNDU, Amritsar. His total teaching experience is of 18 years. He has written 3 books. His 11 research papers are published in national journal and one paper in international journal.



## Applied Mathematics-III

**Author :** J.K. Tyagi, S.K. Tyagi

**ISBN 13 :** 978-93-80016-23-8

**ISBN 10 :** 9380016239

**E-ISBN 13 :** 978-93-80016-23-8

**Edition :** 1

**Pages :** 288

**Type of book :** Physical

**Year :** 2012

**Language :** English

**Publisher :** Khanna Publishing House

**M.R.P :** Rs 210.00

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

**Condition Type :** New

**Country Origin :** India

## Product Description

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The language is very simple and easily understandable. The approach is to communicate the practical aspects of mathematics in a way that drives out the common fear of learning any mathematical subject. A large number of solved and unsolved problems have been included. Topics are followed by figures and tables. The notations and terminology have been clearly explained wherever desirable. In each chapter, all concepts and definitions have been discussed in details with suitable examples.

## Table Of Contents

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- Partial Differently Equations
- Fourier Series
- Laplace Transformation
- Linear Programming

## Author

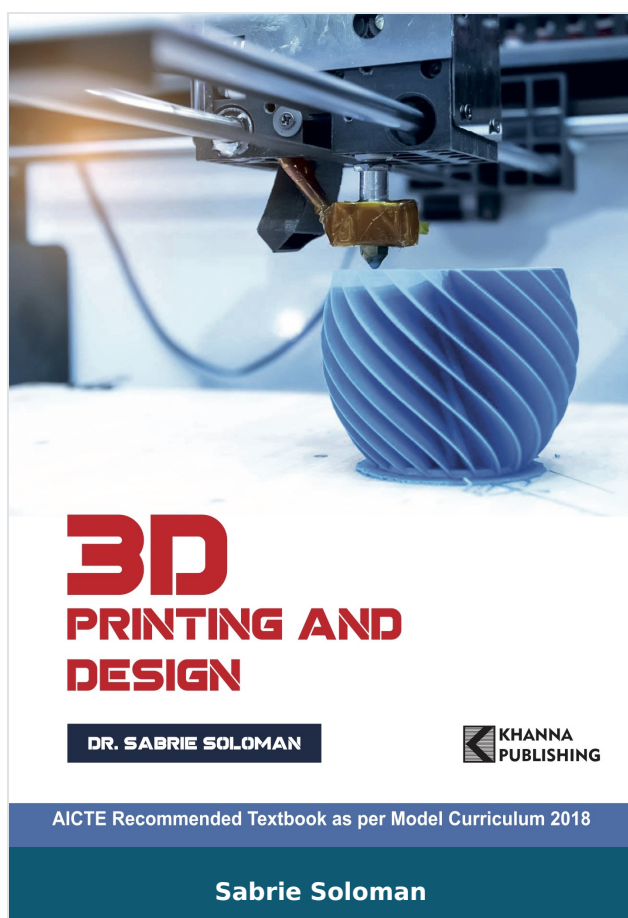
---

### **J.K. Tyagi**

Dr. J.K. Tyagi is Professor and head department of Applied Science, Maharaja Agarsain Institute of Technology Ghaziabad (U.P.)

### **S.K. Tyagi**

Dr. S.K. Tyagi is Senior Lecturer, Amity School of Engineering and Technology , Amity University, Noida (U.P.)



## 3D Printing & Design

|                         |                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Author :</b>         | Sabrie Soloman                                                                                                                                                    |
| <b>ISBN 13 :</b>        | 978-93-86173-76-8                                                                                                                                                 |
| <b>ISBN 10 :</b>        | 938617376X                                                                                                                                                        |
| <b>E-ISBN 13 :</b>      | 978-93-86173-76-8                                                                                                                                                 |
| <b>Edition :</b>        | First                                                                                                                                                             |
| <b>Pages :</b>          | 436                                                                                                                                                               |
| <b>Type of book :</b>   | Physical                                                                                                                                                          |
| <b>Year :</b>           | 2020                                                                                                                                                              |
| <b>Language :</b>       | English                                                                                                                                                           |
| <b>Publisher :</b>      | Khanna Publishing House                                                                                                                                           |
| <b>M.R.P :</b>          | Rs 295.00                                                                                                                                                         |
| <b>Categories :</b>     | <a href="#">UNIVERSITY RECOMMENDED,</a><br><a href="#">Computer Science Engineerings,</a><br><a href="#">Emerging Technologies, Book</a><br><a href="#">Store</a> |
| <b>Condition Type :</b> | New                                                                                                                                                               |
| <b>Country Origin :</b> | India                                                                                                                                                             |

## Product Description

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This book provides a detailed guide to various 3D printing technologies, explaining their operational principles, similarities, and differences. It offers practical insights into optimal implementation methods, making it an invaluable resource for school students, university undergraduates, and postgraduates. Readers will gain both foundational knowledge and hands-on inspiration to explore their creativity by designing and printing their own innovative models. In addition, educators and professionals will find the content highly relevant, enabling them to effectively apply and advance 3D printing technologies within their institutions or organizations.

## Table Of Contents

---

- Digital Manufacturing
- Digital Design for 3D Printing
- Fundamentals of Additive Manufacturing
- Design for 3D Printing
- 3D Printing Designing Through Binder Jetting
- Accelerate Design Cycles Design Verification Lowering
- Evolving 3D Printing
- 3D Printing & Design in Healthcare, Food,
- Additive Manufacturing
- The Impact of Additive Manufacturing on the Integral Economy
- References
- Appendix

## Author

---

### Sabrie Soloman

Dr. Sabrie Soloman, Ph.D., Sc.D., MBA, PE - He is the Chairman & CEO of American Sensor x, Inc, 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