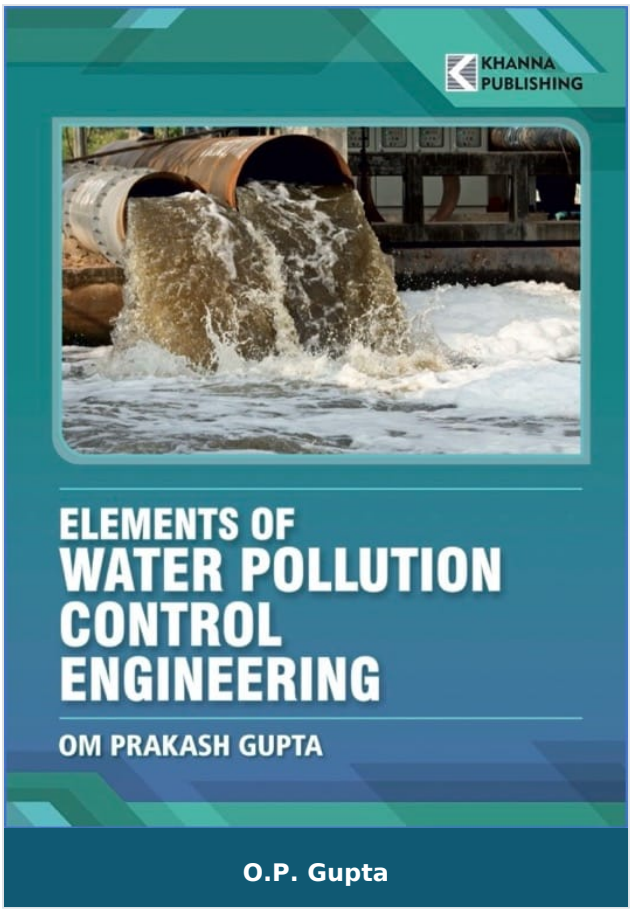



# Elements of Water Pollution Control Engineering

| | |
|---|---|
| **Author :** | O.P. Gupta |
| **ISBN 13 :** | 978-93-86173-22-5 |
| **ISBN 10 :** | 9386173220 |
| **E-ISBN 13 :** | 978-93-86173-22-5 |
| **Edition :** | First |
| **Pages :** | 924 |
| **Type of book :** | Physical |
| **Year :** | 2019 |
| **Language :** | English |
| **Publisher :** | Khanna Publishing House |
| **M.R.P :** | Rs 450.00 |
| **Categories :** | Civil Engineering, Environmental Engineering, Book Store |
| **Condition Type :** | New |
| **Country Origin :** | India |

**Khanna Publishing House**

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

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

## Product Description

The book contains twelve chapters followed by appendices (meant for specific target reader groups) pertaining to complete domain of water pollution control engineering. Beside, it also contains two chapters devoted to short questions & answers and multiple choice questions & answers drawn from the examination papers of various engineering colleges for the benefits of the students. the book will be useful for degree & diploma curriculum or various branches of engineering and for various associate membership examinations conducted by professional bodies like Institution of Engineers (AMIE), Indian Institute of Metals (AMIIM), Indian Institute of Chemical Engineers (AMIICHE), Institute of Chemist etc. It will also be equally useful for M.Sc. & B.Sc. students.

SALIENT FEATURES OF THE BOOK:

Subject matter has been presented in simple, lucid & easy to understand language.

Covers all the topics included in the syllabus of various engineering colleges/Technical Institutes & professional bodies examination papers. Short question & answers and multiple choice questions & answers drawn from the examination papers of various engineering colleges and professional bodies examinations given at the end of the book enhances its utility for students.

Up to date statistics and glossary of terms related to the subject have been included.

**Khanna Publishing House**

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

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

## Table Of Contents


- Introduction to Water Pollution
- Characteristics and Properties of Water
- Purification of Water/Water Treatment
- Sources, Effects and Control of Water Pollution
- Waste Water/Sewage Treatment
- Industrial Waste Water and Its Treatment
- Water Quality and Standards
- Water Related Disease
- Thermal Pollution of Water
- Water Management
- Water Pollution Control Acts & Rules
- APPENDIX – A
- Appendix- B


## Author

**O.P. Gupta**

O.P. Gupta Om Prakash Gupta is basically being a chemical engineer, he has a practising experience of efficient Ennergy management and HR functions in steel Industry for more than three decades. privileged to be the youngest writer of technical books in the country (for he had written his first book at the age of 24 years while doing M. Tech. at I.I.T kanpur in 1979), he has authored many frontline books for engineering students. besides, being the regular faculty member in technical courses for Management Trainees (Technical), he has also visited england and france on a study tour sponsored by United Nations Development Programme (UNDP) to study the scope of energy conservation in

**Khanna Publishing House**

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

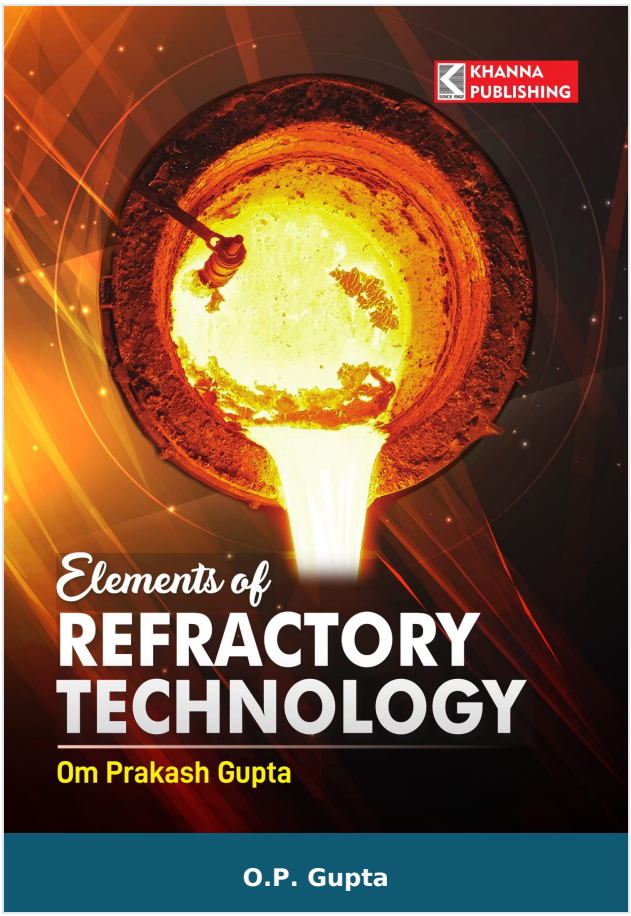
Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

steel plants in 1987.

**Khanna Publishing House**

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

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




# Elements of Refractory Technology

| | |
|---|---|
| **Author :** | O.P. Gupta |
| **ISBN 13 :** | 978-93-86173-64-5 |
| **ISBN 10 :** | 9386173646 |
| **E-ISBN 13 :** | 978-93-86173-64-5 |
| **Edition :** | First |
| **Pages :** | 320 |
| **Type of book :** | Physical |
| **Year :** | 2019 |
| **Language :** | English |
| **Publisher :** | Khanna Publishing House |
| **M.R.P :** | Rs 299.00 |
| **Categories :** | Chemical Engineering, Book Store |
| **Condition Type :** | New |
| **Country Origin :** | India |

**Khanna Publishing House**
4C/4344, Ansari Road, Daryaganj, New Delhi-110002
Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

## Product Description

This book describes the essential features of refractory technology and is useful for degree & diploma courses in engineering. AMIE, AMIIM and IICHE examinations. Short question & answers and multiple choice question & answers drawn from the examination paper of various engineering colleges and professional bodies examinations given at the end of the book enhances its utility for the students.

**Khanna Publishing House**

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

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

## Table Of Contents


- Chapter-1:Introduction to Refractories
- Chapter-2: Manufacture, Properties and Applications of Important Refractories
- Chapter-3: Refractories used in Various Furnaces/Industries
- Chapter-4: Properties Testing of Refractory
- Chapter-5: Phase Equilibrium in Refractory materials
- Chapter-6: Insulating Refractories / Ceramic fibres
- Chapter-7: Special Refractories
- Chapter-8: Refractory - Cements/Mortars, Castables Ramming Masses
- Appendices :
- Appendix-A: Glossary of Terms (Related to Refractories)
- Appendix-B: Short Question & Answers on Refractory Technology
- Appendix-C: Multichoice Questions & Answer on ‘Refractory Technology
- Appendix-D: Technical Data on Refractories
- Appendix- References/Bibliography/Further Reading


## Author

**O.P. Gupta**

O.P. Gupta Om Prakash Gupta is basically being a chemical engineer, he has a practising experience of efficient Ennergy management and HR functions in steel Industry for more than three decades. privileged to be the youngest writer of technical books in the country (for he had written his first book at the age of 24 years while doing M. Tech. at I.I.T kanpur in 1979), he has authored many frontline books for engineering students. besides, being the regular faculty member in technical courses for Management Trainees (Technical), he has also visited england and france on a study tour sponsored by United

**Khanna Publishing House**

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

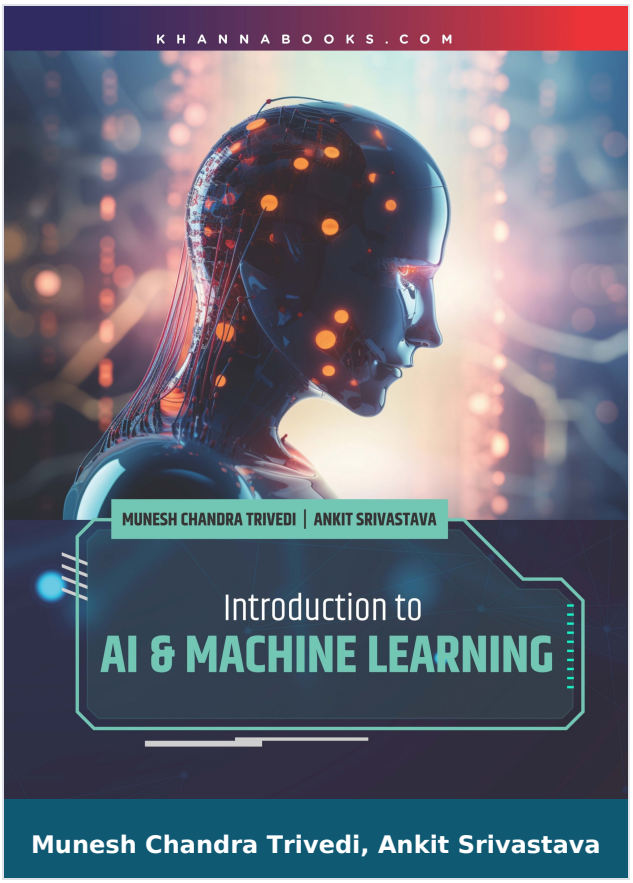
Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

Nations Development Programme (UNDP) to study the scope of energy conservation in steel plants in 1987.

**Khanna Publishing House**

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

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




# Introduction to AI & Machine Learning

| | |
|---|---|
| **Author :** | Munesh Chandra Trivedi, Ankit Srivastava |
| **ISBN 13 :** | 978-93-55386-88-5 |
| **ISBN 10 :** | 9355386885 |
| **E-ISBN 13 :** | 978-93-55386-88-5 |
| **Edition :** | 1 |
| **Pages :** | 336 |
| **Type of book :** | Physical |
| **Year :** | 2025 |
| **Language :** | English |
| **Publisher :** | Khanna Publishing House |
| **M.R.P :** | Rs 495.00 |
| **Categories :** | Emerging Technologies, Book Store |
| **Condition Type :** | New |
| **Country Origin :** | India |

## Product Description

INTRODUCTION TO AI & MACHINE LEARNING

“Introduction to AI and Machine Learning” is a comprehensive guide designed for readers who are new to the fields of artificial intelligence (AI) and machine learning (ML) The book aims to demystify these valuable insights for those with some foundation Knowledge.

This book is ideal for students and educators seeking a thorough introduction to AI and ML. By the end of the book, readers will have a solid understanding of the fundamental concepts of AI and ML and will be able to write basic AI and ML programs using python.

KEY FEATURES OF THE BOOK

1. Simple Language: Utilizes straightforward and easily understandable language throughout the text.

2. Engaging Learning Experience: Incorporates hands -on activities to enhance the learning experience.

3. Foundational Concepts: Introduces AI and ML, covering weak vs. strong AI, machine learning methods (supervised, unsupervised and reinforcement learning), and optimization techniques.

4. Search Algorithms: Discusses Problem- solving strategies such as BFS, DFS, and A*, with illustrations from examples like the water jug and 8- queen problems.

5. Practical Applications: Highlights real- world applications across various industries, supported by case studies and examples.

6. Hands on Approach: Offers practical exercises and coding examples using python for a better understanding of the subject.

**Khanna Publishing House**

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

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

## Table Of Contents


- Artificial Intelligence.
- (Idea of Machine Learning).
- Linear Regression.
- (Logistic Regression).
- (Discussion on clustering).
- Question Bank


## 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

**Khanna Publishing House**

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

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

from different national, as well as international forums. He has organized more than 32 international conferences technically sponsored by IEEE, ACM, AND Springer. Dr.

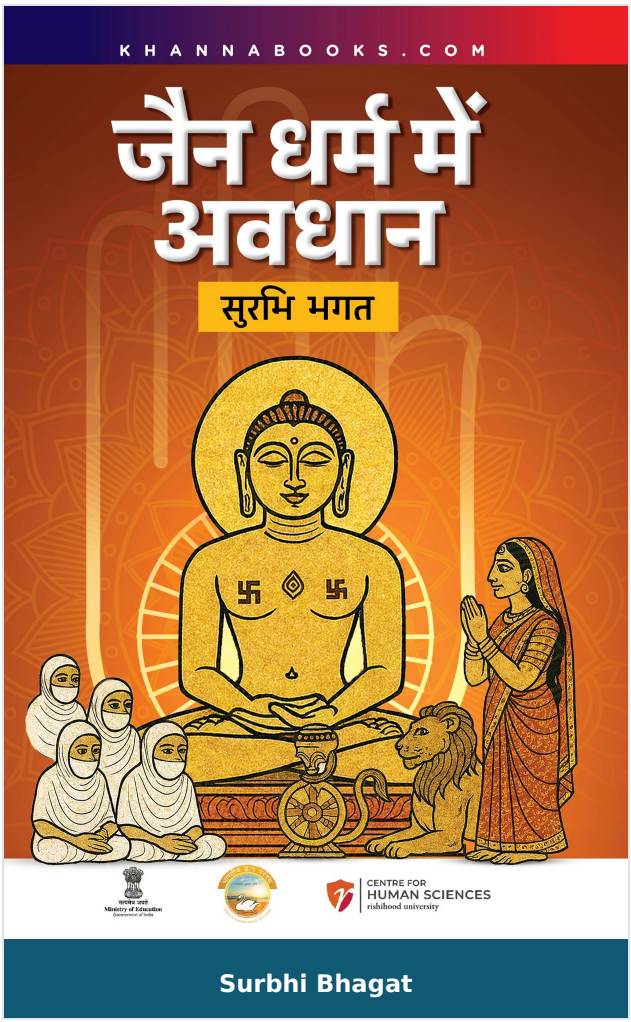
**Ankit Srivastava**

Mr. Ankit Srivastava is a dedicated academic and researcher with over six years of teaching experience in various engineering colleges and the National Institute of Electronics and Information Technology (NIT), Agartala, Tripura, India. His research primarily focuses on medical imaging and image processing, with an emphasis on leveraging artificial intelligence to contribute to technological advancements in healthcare. Mr. Srivastava has published six research papers in reputed SCI-E and Scopus-Indexed Journal, as well as in several national and international conferences. He also holds three national patents and is the author of a book titled “Introduction to AI and Machine Learning.” His academic journey reflects a strong commitment to innovation, Knowledge dissemination, and research excellence in the field of artificial intelligence and its application in medical science.

**Khanna Publishing House**

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

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




# Jain Dharma me Avadhana

| | |
|---|---|
| **Author :** | Surbhi Bhagat |
| **ISBN 13 :** | 978-93-55389-34-3 |
| **ISBN 10 :** | 9355389343 |
| **E-ISBN 13 :** | 978-93-55389-34-3 |
| **Edition :** | 1 |
| **Pages :** | 116 |
| **Type of book :** | Physical |
| **Year :** | 2025 |
| **Language :** | English |
| **Publisher :** | Khanna Publishing House |
| **M.R.P :** | Rs 199.00 |
| **Categories :** | New Arrivals, Book Store, Education & Knowledge Systems |
| **Condition Type :** | New |
| **Country Origin :** | India |

## Product Description

Jain Dharma me Avadhana

**Khanna Publishing House**

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

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

## Author

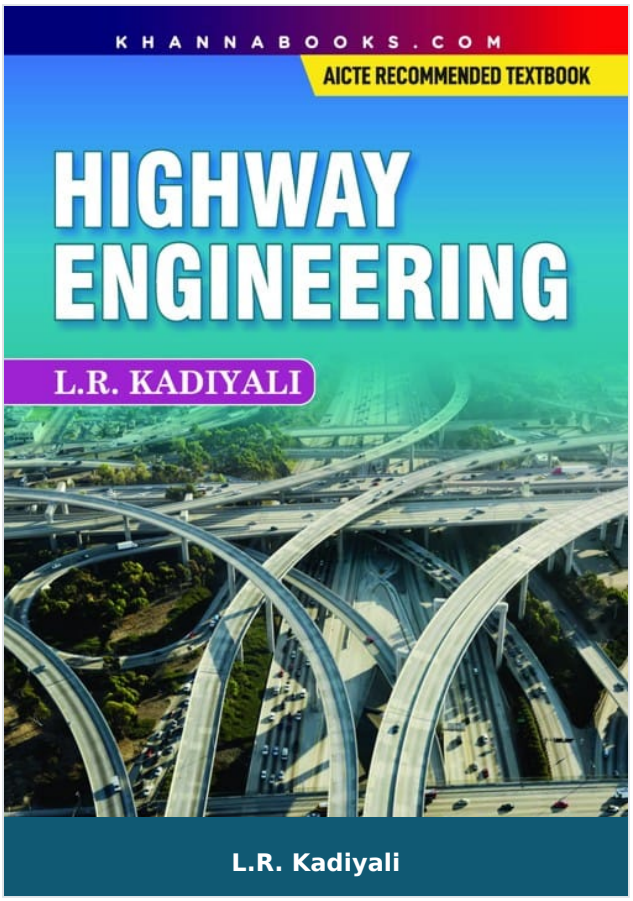
**Surbhi Bhagat**

S. Vaishnavi Sampadananda Moshra Prateek Pattanaik Surabhi Bhagat

**Khanna Publishing House**

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

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




# Highway Engineering

| | |
|---|---|
| **Author :** | L.R. Kadiyali |
| **ISBN 13 :** | 978-93-86173-13-3 |
| **ISBN 10 :** | 9386173131 |
| **E-ISBN 13 :** | 978-93-86173-13-3 |
| **Edition :** | First |
| **Pages :** | 604 |
| **Type of book :** | Physical |
| **Year :** | 2025 |
| **Language :** | English |
| **Publisher :** | Khanna Publishing House |
| **M.R.P :** | Rs 525.00 |
| **Categories :** | Civil Engineering, UNIVERSITY RECOMMENDED, Civil Engineering, Book Store |
| **Condition Type :** | New |
| **Country Origin :** | India |

**Khanna Publishing House**

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

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

## Product Description

This book on Highway Engineering shall be useful for B.E./B. Tech & M.E/ M. Tech students of Civil Engineering. It shall also be useful for practicing Engineering and designers.

**Khanna Publishing House**

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

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

## Table Of Contents


- Development of Highways
- Highway Administration and Finance
- Road User and the Vehicle
- Geometric Design
- Design Surveys, Soils and Aggregates, Investigations and Tests
- Design, Drawing, Estimates and Projects Report
- Economic Evaluation of Highway Projects
- Embankment Design and Construction
- Types of Pavements and Factors Governing Pavement Design
- Pavement Materials
- Design of Flexible Pavements
- Rigid Pavements
- Soil Stabilisation
- Granular Sub-Bases, Bases and Surface Courses
- Brick, Stone and Cement Concrete Block Pavements
- Hill Roads
- Rural Roads (Low Volume Roads)
- Urban Roads
- Expressways
- Toll Roads
- Desert Roads
- Roads in Swampy and Water-Logged Areas and in Black Cotton Soils
- Road Construction Machinery


**Khanna Publishing House**

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

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

- Road Construction Programming and Management
- Highway Drainage
- Cross-Drainage Structures
- Road Accident and Highway Design
- Road Signs
- Road Markings
- Traffic Signals
- Highway Safety Appurtenances
- Highway Maintenance
- Pavement Evaluation
- Overlay Design and construction
- Use of Geosynthetics
- Environmental, Landscaping and Arboriculture
- Airport Engineering

## Author

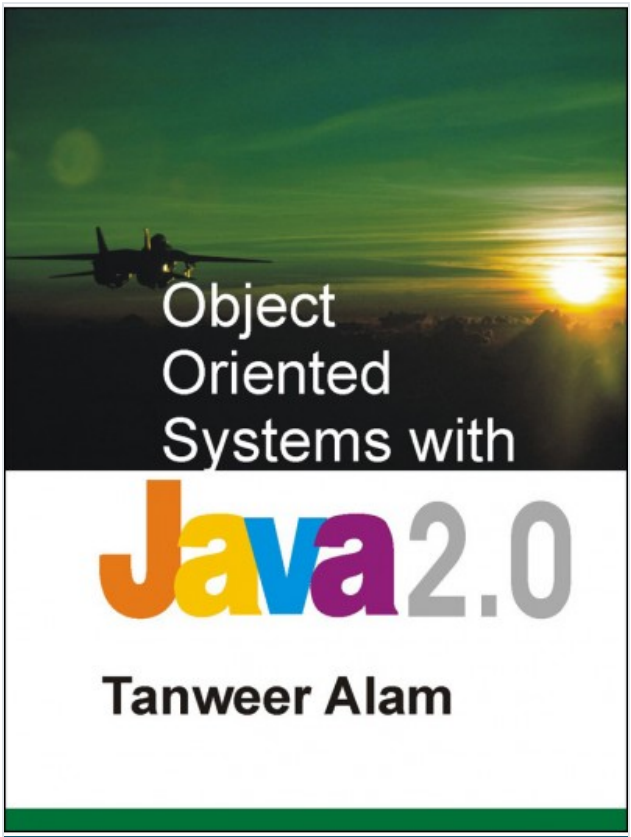
**L.R. Kadiyali**

L.R. Kadiyali Dr. L.R.Kadiyali is B.E.(Hons.), from Bombay and pursued Ph.D. from Kakatiya University.He has done P.G. diploma in Highway and Traffic Engineering from Newcastle-Upon-Tyne. He is Formerly Chief Engineer, (Roads Wig), Ministry of Road Transport & Highways, New Delhi and Study Director, Road User Coast Study, Central Road Research Institute New Delhi.

**Khanna Publishing House**

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

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




Tanweer Alam

# Object Oriented Systems with Java 2.0

| | |
|---|---|
| **Author :** | Tanweer Alam |
| **Edition :** | 1 |
| **Pages :** | 650 |
| **Type of book :** | Physical |
| **Year :** | 2018 |
| **Language :** | English |
| **Publisher :** | Khanna Publishing House |
| **M.R.P :** | Rs 345.00 |
| **Categories :** | Computer Science Engineering, Book Store |
| **Condition Type :** | New |
| **Country Origin :** | India |

**Khanna Publishing House**

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

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

## Product Description

Object Oriented System with Java 2.0 Tanweer Alam

**Khanna Publishing House**

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

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

## Author

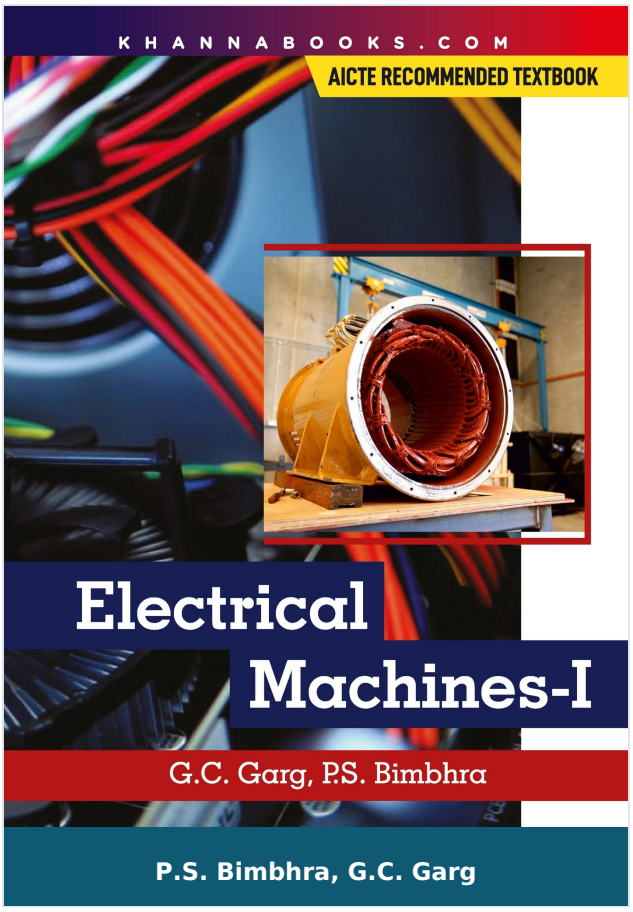
**Tanweer Alam**

Tanweer Alam has an experience of more than seven years in the Teaching field. Currently, He is working at MCA Department, Meerut Institute of Engineering and Technology, Meerut. He has got his MCA Degree in 2003 from UP Technical University, Lucknow, UP. He has got his Master Degree in Mathematics in 2000 from CCS University, Meerut, UP. He has got his MPhil Degree in Computer science in 2007 from MKU, Madurai. He is also MTech in IT and currently, He is doing PhD in Computer Science & Engineering. He presents more than thirty research papers in various reputed national/international Conferences/Journal.

**Khanna Publishing House**

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

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




# Electrical Machines - I

| | |
|---|---|
| **Author :** | P.S. Bimbhra, G.C. Garg |
| **ISBN 13 :** | 978-93-86173-44-7 |
| **ISBN 10 :** | 9386173441 |
| **E-ISBN 13 :** | 978-93-86173-44-7 |
| **Edition :** | First |
| **Pages :** | 480 |
| **Type of book :** | Physical |
| **Year :** | 2025 |
| **Language :** | English |
| **Publisher :** | Khanna Publishing House |
| **M.R.P :** | Rs 429.00 |
| **Categories :** | Electrical, Electronics & Communication Engineering, Book Store |
| **Condition Type :** | New |
| **Country Origin :** | India |

**Khanna Publishing House**
4C/4344, Ansari Road, Daryaganj, New Delhi-110002
Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

## Product Description

This book is written so that it serves as a text book for B.E./B. Tech degree students in general and for the institutions where AICTE model curriculum has been adopted.

TOPICS COVERED IN THIS BOOK:-

1. Magnetic field and Magnetic circuit

2. Electromagnetic force and torque

3. D.C. Machines

4. D.C. Machines-Motoring and Generation

SALIENT FEATURES:-

1. Self-contained, self-explanatary and simple to follow text.

2. Numerous worked out examples.

3. Well Explained theory parts with illustrations.

4. Exercises, objective type question with answers at the end of each chapter.

**Khanna Publishing House**

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

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

## Table Of Contents


- Chapter-1: Magnetic Fields and Magnetic Circuits
- Chapter-2: Electromagnetic Force and Torque
- Chapter-3: The Direct Current Machines
- Chapter-4: DC Machine-Motoring and Generation
- Chapter-5: Transformers


## Author


**P.S. Bimbhra**

Dr. P.S. Bimbhra retired as a professor of Electrical and Electronics Engineering from T.I.E.T. Patiala. A graduate of Punjab Engineering College, Chandigarh, he received his M.E. (Hons.) and Ph.D. from IIT Roorkee. He is fellow of the Institution of Engineers and a life member of ISTE. His areas of current interests include Electrical Machines, Power Electronics and Electric Drives.

**G.C. Garg**

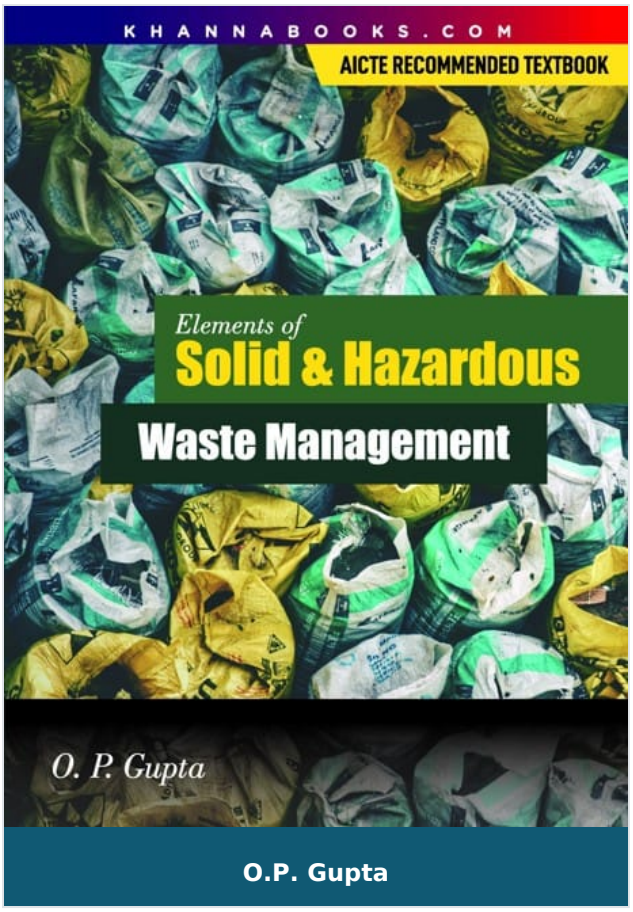
Prof. G.C. Garg retired as registrar from the Technical Education Department Haryana, Chandigarh. Before that he was Head of Deptt. In Electrical Engineering at Govt. Institution of Engineering Ambala City, Haryana. After Graduation in Electrical Engineering he has gone 2½ years regular advance course in Electrical Engineering with specialization of Electrical Machines in T.T.T.I. Chandigarh in collaboration with Netherlands Govt. under the guidance of Prof. B. Mone who was authority in Electrical Machines and Electrical Power. He has also undergone one and a half year Industrial/Power Projects/Field and Transmission & Distribution Power Stations. He is fellow of the Institution of Engineers (India).



**Khanna Publishing House**

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

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




O.P. Gupta

# Elements of Solid & Hazardous Waste Management

| | |
|---|---|
| **Author :** | O.P. Gupta |
| **ISBN 13 :** | 978-93-82609-75-9 |
| **ISBN 10 :** | 938260975X |
| **E-ISBN 13 :** | 978-93-82609-75-9 |
| **Edition :** | First |
| **Pages :** | 392 |
| **Type of book :** | Physical |
| **Year :** | 2023 |
| **Language :** | English |
| **Publisher :** | Khanna Publishing House |
| **M.R.P :** | Rs 450.00 |
| **Categories :** | UNIVERSITY RECOMMENDED, Environmental Engineering, Environmental Engineering, Book Store |
| **Condition Type :** | New |
| **Country Origin :** | India |

**Khanna Publishing House**

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

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

## Product Description

This book describes the essential features of Solid & Hazardous Waste Management covering the following topic:

1. Introduction to Solid Waste Management.
2. Municipal Solid Waste (MSW) Management .
3. Industrial Solid Waste Management.
4. Radioactive Waste (BMW) Management.
5. e- Waste Management.
6. Integrated Solid Waste Management (ISWM).

Besides, Short question & answers and multiple-choice questions & answers drawn from the examination papers of various engineering colleges and professional bodies examination given at the end of the book enhances its utility for the students.

The book will be useful for degree, postgraduate & diploma courses in engineering, AMIE, AMIIM & AMMIICHE examinations.

**Khanna Publishing House**

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

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

## Table Of Contents


- Introduction to Solid Waste Management
- Municipal Solid Waste (MSW) Management
- Industrial Solid Waste Management
- Hazardous Waste Management
- Radioactive Waste Management
- Biomedical Waste (BMW) Management
- E- Waste Management
- Integrated Solid Waste Management
- Short Q&A on Solid Waste Management (ISWM)
- Multiple Choice Q & A in Solid Waste Management
- Glossary of Terms Related to Solid & Hazardous
- References/Bibliography/Further Reading


## Author

**O.P. Gupta**

O.P. Gupta Om Prakash Gupta is basically being a chemical engineer, he has a practising experience of efficient Ennergy management and HR functions in steel Industry for more than three decades. privileged to be the youngest writer of technical books in the country (for he had written his first book at the age of 24 years while doing M. Tech. at I.I.T kanpur in 1979), he has authored many frontline books for engineering students. besides, being the regular faculty member in technical courses for Management Trainees (Technical), he has also visited england and france on a study tour sponsored by United Nations Development Programme (UNDP) to study the scope of energy conservation in steel plants in 1987.

**Khanna Publishing House**

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

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