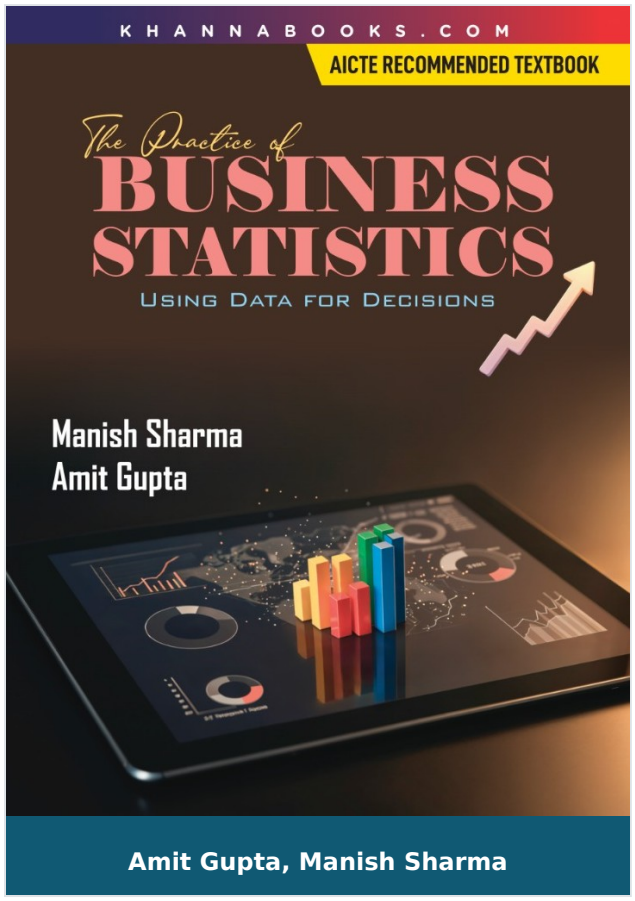


Amit Gupta, Manish Sharma

The Practice of Business Statistics

Author :	Amit Gupta, Manish Sharma
ISBN 13 :	978-93-80016-51-1
ISBN 10 :	9380016514
E-ISBN 13 :	978-93-80016-51-1
Edition :	1
Pages :	840
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 650.00
Categories :	APPPLIED SCIENCES & HUMANITIES, Book Store, APPPLIED SCIENCES & HUMANITIES
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

Easy to read & write style, Adequate example and problems based on real-life business situations, Every chapter is supported with multiple choice questions, Theoretical questions and numerical for better practice, Explanation of import concepts through various worked-out examples, The book is presented with an approach to explain the graphs have been drawn which enable students to grasp the subject in an easy way, Systematic and sequential arrangement of different topics, Rich pedagogy.

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, Meaning, Definition and Scope
- Collection of Data
- Organising Data: Classification and Tabulation
- Presentation of Data: Diagrammatic
- Presentation of Data: Graphic
- Measures of Central Tendency
- Measures of Dispersion (Variation)
- Skewness, Moments and Kurtosis
- Index Numbers
- Correlation Analysis
- Regression Analysis
- Time Series Analysis and Forecasting
- Probability and Mathematical Expectation
- Probability Theoretical Distributions
- Sampling Distributions and Estimation
- Test of Hypothesis
- CHI-Square Test
- Analysis of Variance (Anova)
- Association of Attributes
- Statistical Decision Theory (SDT)
- Statistical Quality Control (SQC)
- Appendix
- Index

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

Amit Gupta

Amit Gupta: Asst. professor, Determent of CS & IT, Rakshpal Bahadur Management Institute, Bareilly.

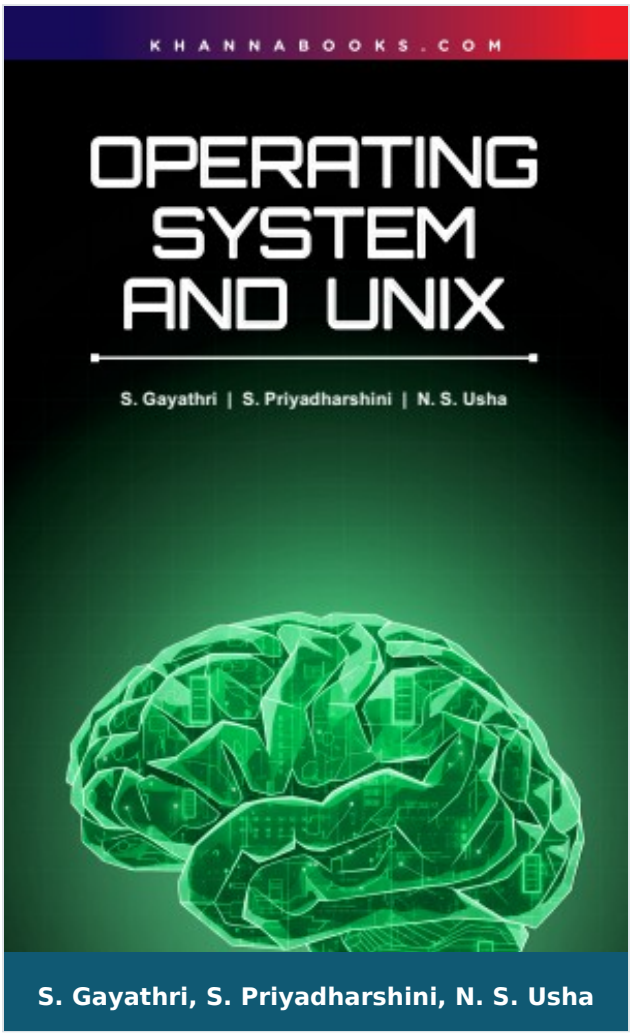
Manish Sharma

Dr. Manish Sharma : Director General, RBMI Group of Institutions, Bareilly and Greater Noida.

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



Operating System and Unix

Author :	S. Gayathri, S. Priyadharshini, N. S. Usha
ISBN 13 :	978-93-55388-90-2
ISBN 10 :	935538890X
E-ISBN 13 :	978-93-55388-90-2
Edition :	First
Pages :	136
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 198.00
Categories :	New Arrivals, Book Store, Sathyabama Series
Condition Type :	New
Country Origin :	India

Product Description

Operating System and Unix

The Operating System (OS) is the fundamental software that manages a computer's resources, making it the core of all modern computing. This book provides a comprehensive, two-part exploration of both the theoretical principles of operating systems and the practical application of the UNIX/Linux environment.

Starting with the bedrock of OS design, the book clarifies essential concepts like Resource Management, Process Management, Memory Management, and Security. It meticulously details how the OS handles multitasking, deadlocks, and various memory allocation techniques.

The second part transitions seamlessly into hands-on skills, focusing on the powerful and enduring UNIX system. Readers will master the UNIX file system structure, essential shell commands, and the art of Shell Scripting, including arithmetic expansion and floating-point calculations using tools like bc and awk. Whether you are a student, developer, or systems administrator, this book is the definitive resource for understanding how computers work and mastering the command-line tools that power the digital world.

Salient Features:

- **Operating System Fundamentals**: In-depth coverage of OS Goals (Resource Management, Reliability, Performance Optimization) and the role of System Software versus Application Software.
- **Core Management Concepts**: Detailed units on Process Management (scheduling, threads, synchronization) and Memory Management (paging, segmentation, virtual memory).
- **Security and Deadlocks**: Clear explanation of system security features and mechanisms to prevent or handle deadlocks and starvation.

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

- **UNIX Mastery**: Comprehensive guide to the UNIX File System, Directory Structure, and mastering crucial shell commands for effective navigation and file manipulation.
- **Shell Scripting:** Practical, step-by-step instruction on Bash Shell Scripting, including Arithmetic Operations using let and $((...)) and handling Floating-Point Arithmetic with bc and awk.
- **User Interaction**: Focus on the different ways users interact with the OS, from the command-line interface to the graphical user interface.
- **Ideal for**: Undergraduate and postgraduate students in Computer Science, and IT professionals seeking a robust understanding of both OS theory and practical UNIX command-line skills

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

- Operating SYSTEMS
- Introduction to PROCESSES
- Synchronization and DEADLOCKS
- Memory MANAGEMENT and I/O Management
- Unix

Author

S. Gayathri

S. Gayathri,

S. Priyadharshini

S. Priyadharshini

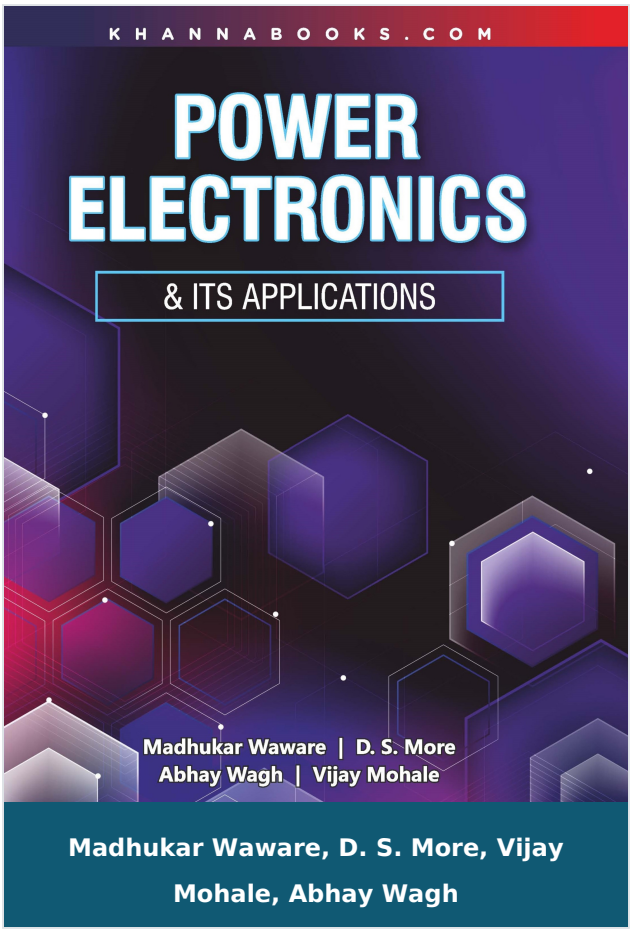
N. S. Usha

N. S. Usha,

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



Power Electronics & Its Applications

Author :	Madhukar Waware, D. S. More, Vijay Mohale, Abhay Wagh
ISBN 13 :	978-93-55380-42-5
ISBN 10 :	9355380429
E-ISBN 13 :	978-93-55380-42-5
Edition :	First
Pages :	296
Type of book :	Physical
Year :	2022
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 495.00
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

Power electronics systems are used in a wide range of applications and have the potential to impact many areas of global industrial and social activity. From cell phones to pacemakers, and utilities to automobiles, power electronics, and the engineering behind those electronics are very influential in peoples' daily lives.

A comprehensive self-contained text book covers principles of Power Electronics and its Applications. It provides a basic approach for the development of fundamental concepts and deep insight into the subject matter. This text book develops the subject matter in a simplified sequential manner. Theoretical explanation is supported by graded solved examples and multiple-choice questions, which have been framed to help the students in grasping the theoretical principles and their applicability with coverage of various topics.

The book meets the requirements of undergraduate and postgraduate students of engineering and also guide for practicing engineer in the area of power electronics. It is also useful for those who are preparing for professional competitive 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 power Electronics
- Power Electronic Devices
- AC to DC Converters
- DC to DC Converter
- PWM Inverter
- Resonant Pulse Converter
- Power Quality
- High Power Factor Converters
- Multilevel Inverters
- Active Power Filter
- Appendix
- Bibliography
- Index

Author

Madhukar Waware

Madhukar Waware

D. S. More

D. S. More

Vijay Mohale

Vijay Mohale

Abhay Wagh

Khanna Publishing House

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

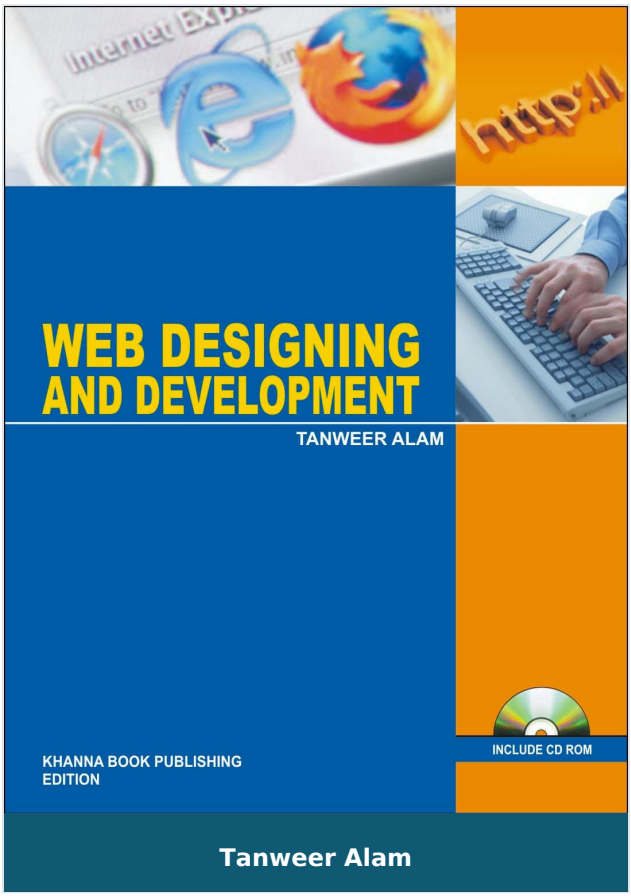
Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

Abhay Wagh

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



Web Designing and Development

Author :	Tanweer Alam
ISBN 13 :	978-93-80016-87-0
ISBN 10 :	9380016875
E-ISBN 13 :	978-93-80016-87-0
Edition :	1
Pages :	304
Type of book :	Physical
Year :	2013
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 275.00
Categories :	Computer Science Engineering, Book Store
Condition Type :	New
Country Origin :	India

Product Description

This book deals with the fundamental of web programming. This book will be of great help to web developers who are not already familiar with web programming. This can upgrade their skills through this book and achieve great height in the world of web programming. The objective of this book is to promote that future by spreading the use of the websites as widely as possible. It is also integral to the internet applications and other e-business solutions that that are the foundation of corporate computing. this book is divided into a number of chapters. Each chapter is a self contained area. The chapters in this book are arranged in a sequence order. The programs presented in this book are just to understand the application. The objective of this book is the serve as a textbook in various course viz. B. Tech/MCA/BCA/M.Sc., etc.

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

- Internet
- HTML
- XML
- Java Script
- Java
- Working with Database
- ASP.net
- Mini Website

Author

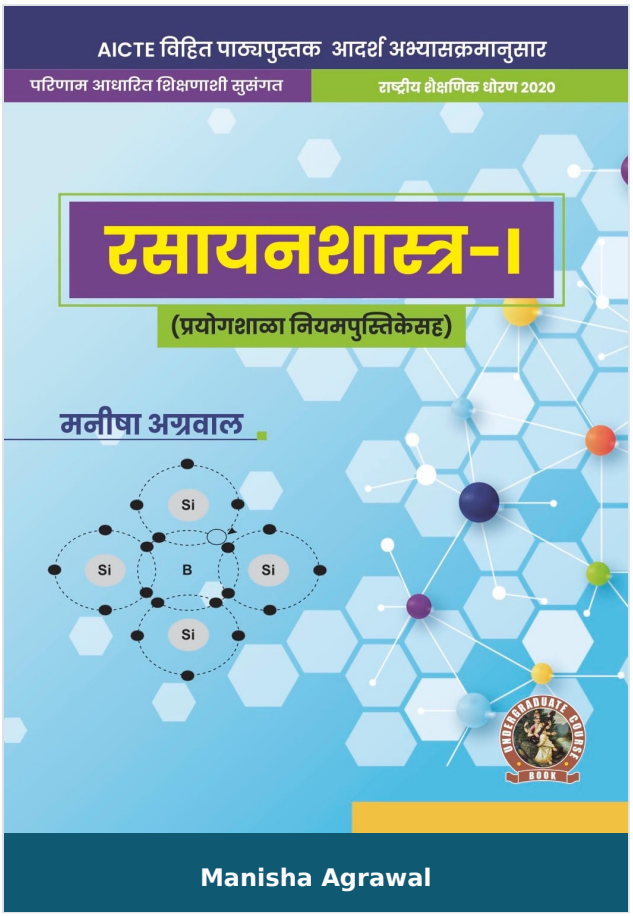
Tanweer Alam

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



Chemistry-I (with Lab Manual)

Author :	Manisha Agrawal
ISBN 13 :	978-93-55380-16-6
ISBN 10 :	93553801X
E-ISBN 13 :	978-93-55380-16-6
Edition :	First
Pages :	224
Type of book :	Physical
Year :	2022
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 395.00
Categories :	AICTE Prescribed Textbooks, Marathi Books, Book Store, Ebooks
Condition Type :	New
Country Origin :	India

Product Description

“Chemistry-I” is a compulsory paper for the first year Undergraduate course in Engineering & Technology. Syllabus of this book is strictly aligned as per model curriculum of AICTE, and academic content is amalgamated with the concept of outcome based education.

Book covers seven topics- Atomic and molecular structure, Spectroscopic Technique and applications, Inter-molecular Forces and Potential Energy Surfaces, Use of Free Energy in Chemical Equilibrium, Periodic Properties, Stereo-chemistry, Organic Reactions and Synthesis of Drug Molecules. Each topic is written is easy and lucid manner. Every chapter contains a set of exercise at the end of each unit to test student’s comprehension.

Salient Features:

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 us of ICT, Projects group discussion etc.

3. Students and teacher centric subject materials included in book with balanced and chronological manner.

4. Figures, tables, chemical equations and comparative charts are inserted to improve clarity of the topics.

5. Short questions, objective questions and long answer exercises are given for practice of students after every chapter.

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

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

- Foreword
- Acknowledgement
- Preface
- Outcome Based Education
- Course Outcomes
- Abbreviations and Symbols
- List of Figures
- List of Tables
- Guidelines for Teacher
- Guidelines for Students
- Atomic and
- Molecular Structure
- Spectroscopic
- Techniques and Applications
- Intermolecular
- Forces and Potential Energy Surfaces
- Use of Free
- Energy in Chemical Equilibria
- Periodic
- Properties
- Stereochemistry
- and Organic Reactions
- Organic

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

- Reactions Synthesis of Drug Molecules
- Annexure
- Appendices

Author

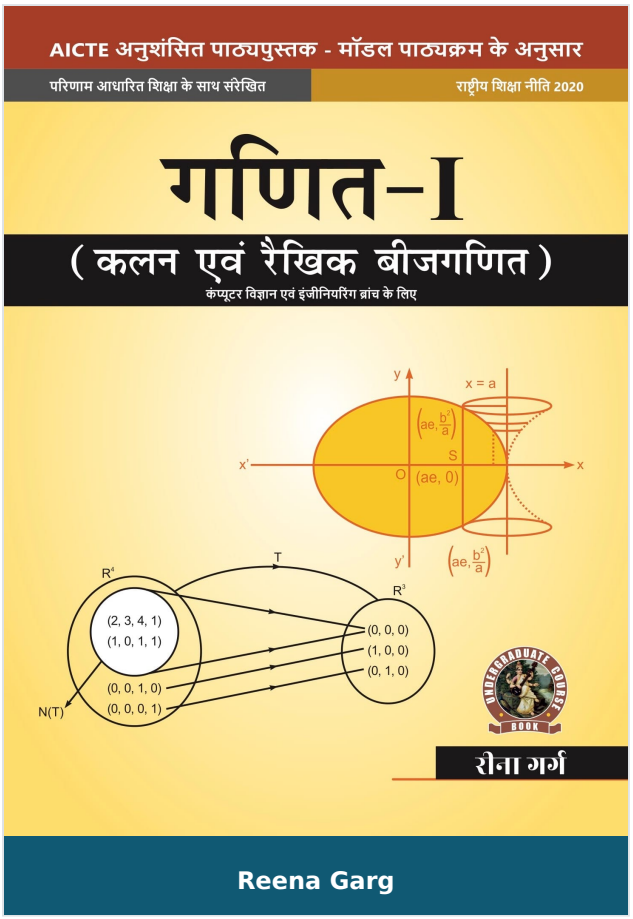
Manisha Agrawal

Manisha Agrawal Dr. Manisha Agarwal is Dean, Basic Sciences at Chhattisgarh Swami Vivekanand Technical University Bhilai. Professor and head, Department of Chemistry at Rungta College of Engineering & Technology, Bhilai, (C.G.). She completed Ph. D. from Pt. Ravishankar Shukla University, Raipur in 1999. Since then she has been engaged in teaching and research. Dr. Manisha has authored several papers which have been published in SCI indexed International and National journals. She has organised more than 10 Conferences and workshops as convener among them four were International Conferences. She has credited five books as author, three patents as inventor and applicant and six Research Project Grants as Principal Investigator from Government Funding agencies like AICTE, CCOST and CSVTU. She has supervised 5 M. Phil. Students, 12 BE and Diploma students. Presently 6 research scholars are perusing Ph. D. under her supervision.

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



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

Author :	Reena Garg
ISBN 13 :	978-93-55381-65-1
ISBN 10 :	9355381654
E-ISBN 13 :	978-93-55381-65-1
Edition :	First
Pages :	440
Type of book :	Physical
Year :	2023
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 495.00
Categories :	AICTE Prescribed Textbooks, Hindi Books, Book Store, Ebooks
Condition Type :	New
Country Origin :	India

Product Description

Calculus and Linear Algebra cover all the modules prescribed by AICTE model curriculum to all the 1st year CSE students studying in engineering institutions and universities of the country. It serves as both text book /or useful reference work. It contains 5 units which included calculus, Algebra and vector spaces along with their applications. This renowned and well respected title provides in one handy volume with the essential mathematical tools that help in understanding the subject and problem solving techniques with many real life engineering applications. As per trademark of AICTE. This book is in student's 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 access the reader's understanding 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.

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

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.

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

- 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

Khanna Publishing House

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

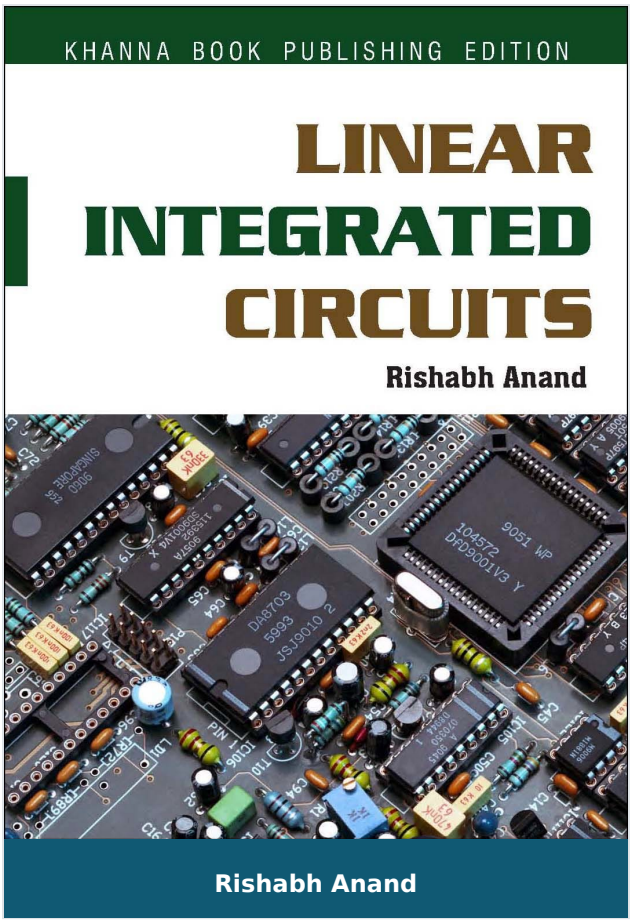
Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

book more valuable for the knowledge seekers.She has published more than 10 research papers in various InternationalJournals. She is a life-time member of Forum of Inter-disciplinary mathematics in India. She is a member of reviewer Board in IJRET, Bangalore.

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



Linear Integrated Circuits

Author :	Rishabh Anand
ISBN 13 :	978-93-81068-93-9
ISBN 10 :	9381068933
E-ISBN 13 :	978-93-81068-93-9
Edition :	1
Pages :	616
Type of book :	Physical
Year :	2021
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 450.00
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

Comprehensive coverage of the syllabus as prescribed by major technical Universities in India. Special emphasis on the applications of linear integrated circuits. Very lucid and simplified approach to understand the subject. Review question are included at the end of each chapter. These exercises allow students additional practice with each of the topics covered in the book. Moving from the unknown in a logical manner. numerous examples and illustrations are given that help and make it easy to learn some of the more complicated concepts.

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

- Integrated Circuit Fabrication
- Differential Amplifiers
- Operational Amplifier And Its Characteristics
- Operational Amplifier Applications
- Active Filters
- Phase Locked Loop
- D-A And A-D Converters
- Waveform Generators
- Timer
- Bibliography

Author

Rishabh Anand

Rishabh Anand received his Bachelor‘s degree B.E (Hons) in Electronics and Communication Engineering from Maharishi Dayanand University, Rohtak in 2006. The author is M.Tech. in Electronics and Communication Engineering from Veer Bahadur Singh Purvanchal University, Jaunpur in 2014, and MBA from Indian Institute of Management, Kozhikode in 2016. The Author is Program Diploma in Innovation Management from International Business Management Institute, Germany (Berlin) in 2020. The author has contributed to research publications in refereed, cited International Conferences and Journals, and attended many conferences, workshops, FDPs, and seminars. Also, he is the reviewer member of IJSDR Journal. He is a prolific author with 34 Text and Reference books to his credit, for B. Tech. (ECE/CSE/IT), M.Tech. (ECE/CSE/IT), BCA, MCA, and other courses of different Universities of India and overseas. His areas of interest include

Khanna Publishing House

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

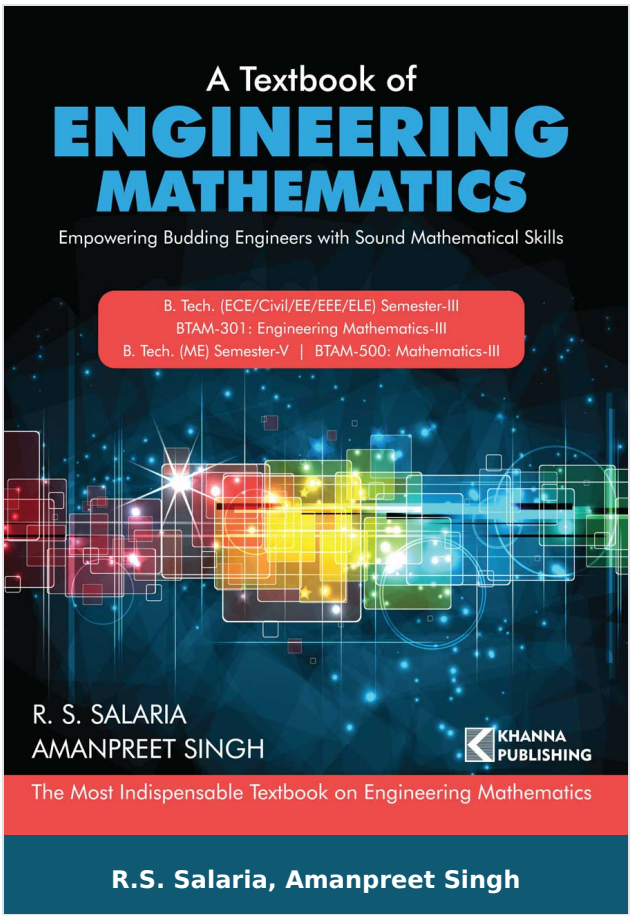
Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

Software Project Management, Cloud Computing, Deep Learning, Tensor Flow, Python, R Programming and Machine Learning. He is currently working in ITES industry as a Global Service Delivery Manager. He is Project Management Professional (PMP)®, ITIL® Foundation Certificate in IT Service Management, PRINCE2® Practitioner Certification - Project Management, ScrumMaster® (CSM®), Certified Six Sigma White Belt (CSSWB™), Lean Six Sigma White Belt Certified (LSSWBC™) and Certified Six Sigma Green Belt™ (CSSGB™). The author delivers lectures as Visiting Faculty (Assistant Professor) in the Global Institute of Technology and Management, Farrukh Nagar, Gurgaon.

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



A Textbook of Engineering Mathematics-III (ECE/Civil/EE/EEE/ELE)

Author :	R.S. Salaria, Amanpreet Singh
ISBN 13 :	978-93-82609-89-6
ISBN 10 :	938260989X
E-ISBN 13 :	978-93-82609-89-6
Edition :	1
Pages :	520
Type of book :	Physical
Year :	2016
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 350.00
Categories :	APPPLIED SCIENCES & HUMANITIES, Book Store, APPPLIED SCIENCES & HUMANITIES
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 Subject of Engineering Mathematics is an integral part of the course curriculum of Bachelor of Engineering/Technology (B.E./B.Tech) program of all Indian Universities, and is taught in firs and/or second semester(s). The present state of teaching and learning of Mathematics is not that encouraging. A lot has to be done on both the fronts.

The book in your hand is another step of our commitment to uplift the standard of teaching and learning of Mathematics. We assure you that in our continuous journey in this endeavor and with your whole hearted support, we hope to make significant contribution in the teaching and learning of Mathematics. We hope to see that day when we hear from our students that Mathematics is wonderful subject and your all are relishing it. This book is designed to serve as a textbook for the students of B.Tech. (ECE/Civil/EE/EEE/ELE)Semester-III and B.Tech.

(ME) Semester-V of Punjab Technical University, Jalandhar

While writing, due care is taken to present the subject matter in a simple and illustrative manner so that a reader can grasp it with quite ease and can built bad=sic and conceptual knowledge in 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

- Useful Formulae, Theorems and Results
- Fourier Series
- Laplace Transformations
- Special Functions
- Partial Differential Equations
- Applications of Partial Differential Equations
- Functions of Complex Variables

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

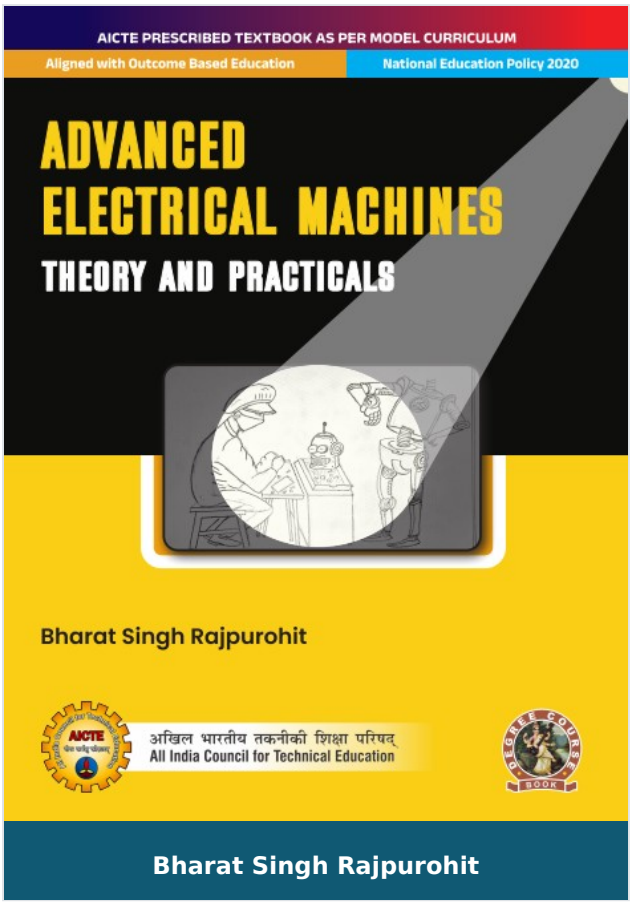
Amanpreet Singh

Amanpreet Singh Amanpreet Singh SGTB Khalsha College, Anandpur Sahib, Formerly with Rayat-Bahra Institute of Engineering& Nano Technology, Hoshiarpur.

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



Advanced Electrical Machines: Theory and Practicals

Author :	Bharat Singh Rajpurohit
ISBN 13 :	978-93-55382-16-0
ISBN 10 :	9355382162
E-ISBN 13 :	978-93-55382-16-0
Edition :	First
Pages :	456
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 798.00
Categories :	AICTE Prescribed Textbooks, English Books, Book Store
Condition Type :	New
Country Origin :	India

Product Description

Advanced Electrical Machines: Theory and Practicals

“Advanced Electrical Machines: Theory and Practical’s” is a course that equips engineering students with a comprehensive understanding of advanced concepts in AC electrical machines, enabling them to analyze, design, and evaluate machine performance. This textbook offers a well-structured, student friendly introduction to AC machines, specifically tailored for fourth semester undergraduate students of core engineering branches. Drawing upon the AICTE’s revised model curriculum, the material presents a balanced integration of theory and practical applications. It covers key topics such as the fundamentals of AC machine windings, the behavior of pulsating and revolving magnetic fields, the operational characteristics of induction and synchronous machines, and single-phase motor theory. Emphasis is placed on understanding the underlying electromagnetic principles, performance characteristics, and modern methods for control and testing. Book will help students in building a strong foundation and to gain both analytical and practical competencies. By the end of this course, students will be able to understand, analyze, and characterize the AC machines.

Salient Features:

- Content of the book aligned with the mapping of Course Outcomes, Program Outcomes, and Unit Outcomes.
- At the beginning of each unit learning outcomes are listed to make the student understand what is expected of him/her after completing that unit.
- The book provides a lot of recent information, interesting facts, references for further reading, simulation codes, etc.
- Student and teacher-centric subject materials included in the book in a balanced and chronological manner.

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

- Figures, tables, and output waveforms are included to improve the clarity of the topics.
- Apart from essential information a ‘Know More’ section is also provided in each unit to extend the learning beyond the syllabus.
- At the end of each chapter, short questions, objective questions, and long answer exercises are given for the students to practice.
- Problems including numerical examples are solved with systematic steps provided.

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

- Foreword
- Acknowledgement
- Preface
- Outcome Based Education
- Course Outcomes
- Abbreviations
- Guidelines for Teachers
- Guidelines for Students
- List of Figures
- Fundamentals of AC Machine Windings
- Pulsating and Revolving Magnetic Fields
- Induction Machines
- Single-Phase Motors
- Synchronous Machines
- Advanced Electrical Machines: Curriculum Experiments
- Unit summary
- References and suggested readings
- Further Reading
- References for Further Learning
- CO and PO Attainment Table
- Index

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

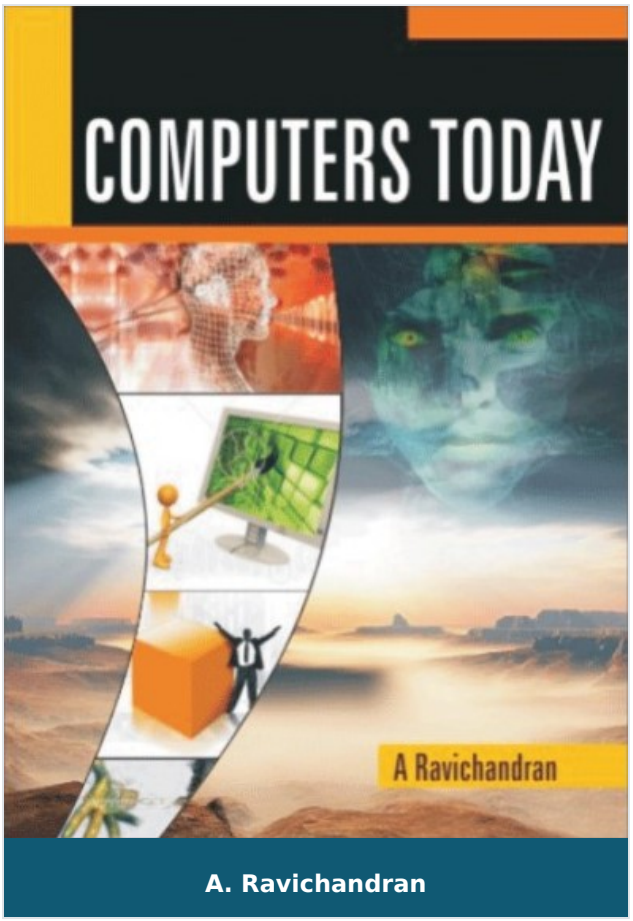
Bharat Singh Rajpurohit

Dr. Bharat Singh Rajpurohit Professor, Department of Electrical Engineering Indian Institute of Technology Jodhpur, Karwar-342030, Jodhpur, Rajasthan, 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



A. Ravichandran

Computers Today

Author :	A. Ravichandran
ISBN 13 :	978-93-80016-29-0
ISBN 10 :	9380016298
E-ISBN 13 :	978-93-80016-29-0
Edition :	1
Pages :	768
Type of book :	Physical
Year :	2009
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 495.00
Categories :	Book Store, BASIC COMPUTER BOOKS
Condition Type :	New
Country Origin :	India

Product Description

This book covers all the aspects of computers starting from development of a computer to it software. Hardware, communication and many more. Since now a days computers are finding its way into every home, business industry, corporate and research activity, therefore the purpose of this book is to cover all the targeted audiences including beginners, advance users, computer specialists and end users in a best possible manner. After going through this book you will be to find out- If a computer is needed by you or your organization. specification of the computer required by you or your organization. How installation of the computer will benefit you or your organization. Time for updating of your computer/ its hardware/ software. Basic as well as advance know-how about computers, its software and hardware. fast and easy steps for better working.

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

- An Introduction to Computers
- Development of Computers
- Fundamental of Computers
- Number Systems
- Data Communication and Networks
- System Software
- Applications Software
- Programming Languages
- Database System Management
- Introduction to Software Testing
- Introduction to System Analysis
- Program Development Cycle
- Computer Engineering and Graphics
- Computers in Management
- Information Systems for Business
- Inter Personnel Skills and Communications
- Computer System Management
- Managing Information Resources
- Computer Security, Crime and Ethics
- Robotics
- Index

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

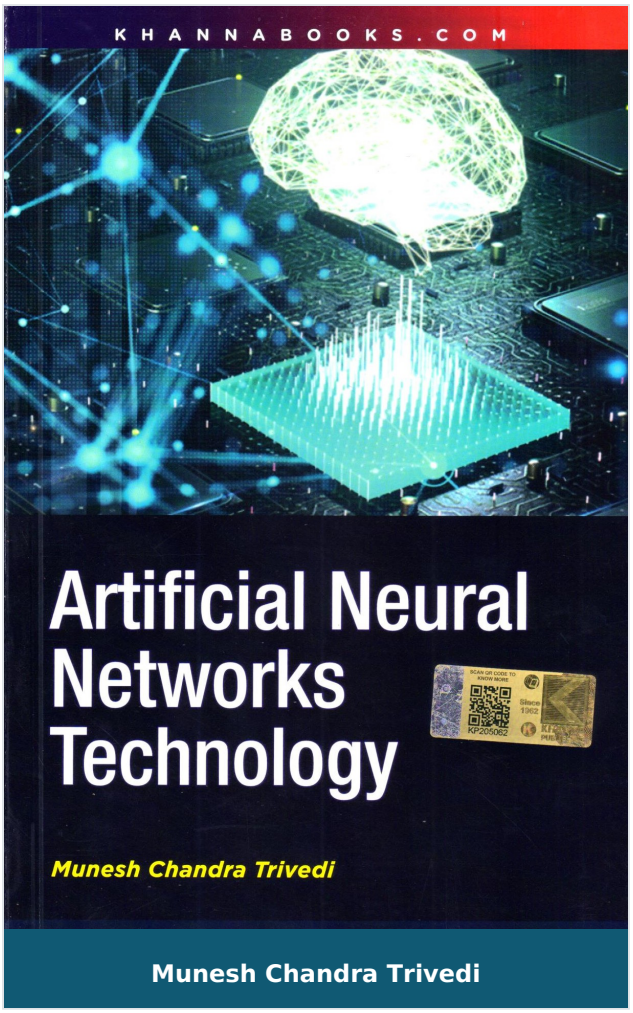
A. Ravichandran

A. Ravichandran He has obtained M.Tech degree in Computer Science & Engineering from IIT. Delhi and Ph.D degree in Computer Science and Engineering from IIT Kanpur. He has been in teaching field since 1983 and now currently guiding: research work on Image processing, Computer vision and Computer Graphics. He has also published 22 technical/research papers in National and International. He is an Sun certified programmer as well as Sun certified trainer by Sun Microsystems.

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



Artificial Neural Networks Technology

Author :	Munesh Chandra Trivedi
ISBN 13 :	978-81-90744-85-0
ISBN 10 :	8190744852
E-ISBN 13 :	978-81-90744-85-0
Edition :	First
Pages :	362
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 550.00
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

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 the books. Keeping these points in mind, artificial neural network Technology was prepared. which should be simple enough to comprehend and comprehensive enough to encompass all the topics of different institutions and universities. Simple & easily understandable language. Includes real world examples to illustrate the concepts, contains latest topics such as downsizing & right sizing, etc, provides numerous illustrations, examples and end-chapter exercises.

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 and Purpose
- What is Artificial Neural Networks
- Application of Artificial Neural Network Classification
- Supervised Learning
- Unsupervised Learning
- Models of Artificial Neural Network
- Network Selection
- How Artificial Neural Networks Are Being Used
- Emerging Technologies
- Software Architecture
- Network-based Application Architecture
- Network-based Architectural Styles
- Designing the Web Architecture: Problems and Insights
- Representational State Transfer (REST)
- Experience and Evaluation

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

Khanna Publishing House

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

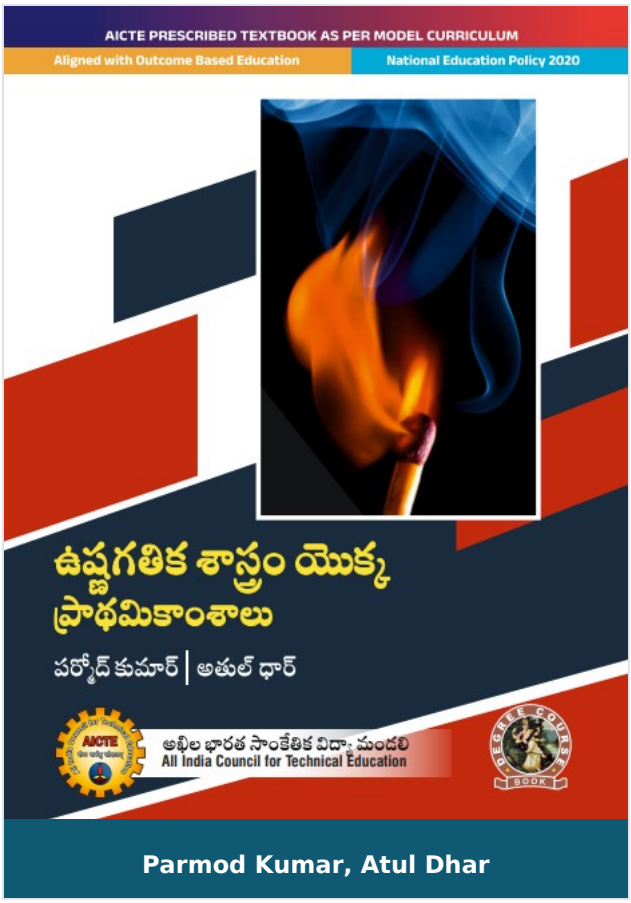
Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

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.

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



Basics of Thermodynamics

Author :	Parmod Kumar, Atul Dhar
ISBN 13 :	978-93-55389-42-8
ISBN 10 :	9355389426
E-ISBN 13 :	978-93-55389-42-8
Edition :	First
Pages :	340
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 548.00
Categories :	AICTE Prescribed Textbooks, Telugu Books, Book Store
Condition Type :	New
Country Origin :	India

Product Description

Basics of Thermodynamics

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

Parmod Kumar

Dr. Parmod Kumar Assistant Professor, School of Mechanical and Materials Engineering, IIT Mandi Dr.

Atul Dhar

Dr. Atul Dhar Associate Professor, School of Mechanical and Materials Engineering, IIT Mandi

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