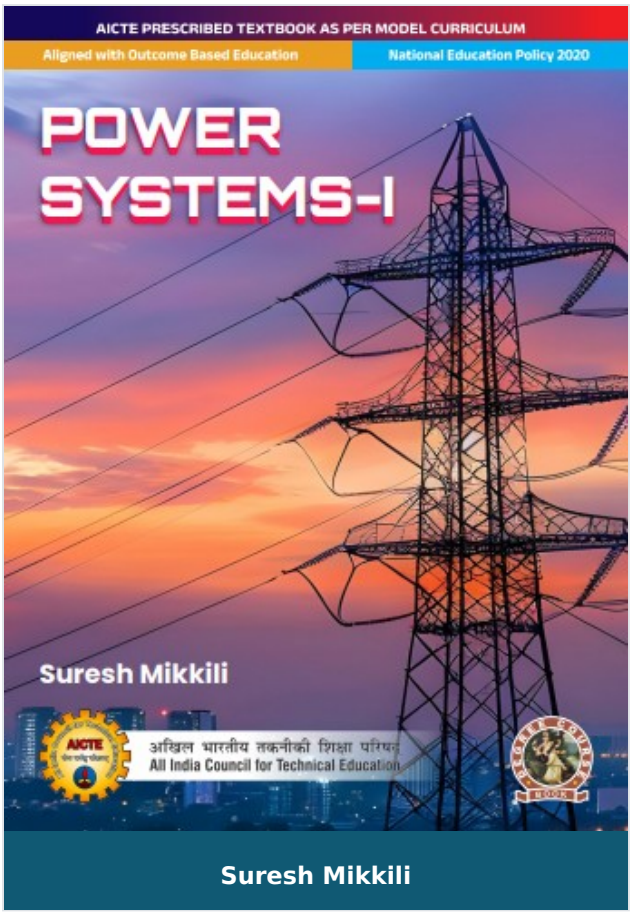


Power Systems- I

Author :	Suresh Mikkili
ISBN 13 :	978-93-55384-94-2
ISBN 10 :	9355384947
E-ISBN 13 :	978-93-55384-94-2
Edition :	First
Pages :	580
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 899.00
Categories :	AICTE Prescribed Textbooks, English Books, Bookstore
Condition Type :	New
Country Origin :	India

Product Description

Power Systems- I

This book gives detailed descriptions of the evolution of power systems, its components, power transmission, power system protection, fault analysis and in corporation of renewable energy systems.

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.
- The book provides QR codes for journal papers of advanced research areas; simulations using MATLAB, PSCAD, Proteus; experiments and additional e-resources including videos, weblinks, 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

- Foreword
- Acknowledgement
- Preface
- Outcome Based Education
- Course Outcomes
- Guidelines for Teachers
- Guidelines for Students
- Abbreviations and Symbols
- List of Figures
- List of Tables
- Basic Concepts
- Overhead Transmission Lines and Cables
- Transformers
- Synchronous Machines
- Symmetrical Faults
- Symmetrical Components, Unsymmetrical Faults and Sequence Networks
- Circuit Breakers and Neutral Grounding
- Protective Relays
- Protection Of Alternators, Transformers, Busbars and Transmission Lines
- HVDC Transmission
- Photovoltaic Systems
- Wind Energy
- CO and PO attainment table

Khanna Publishing House

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

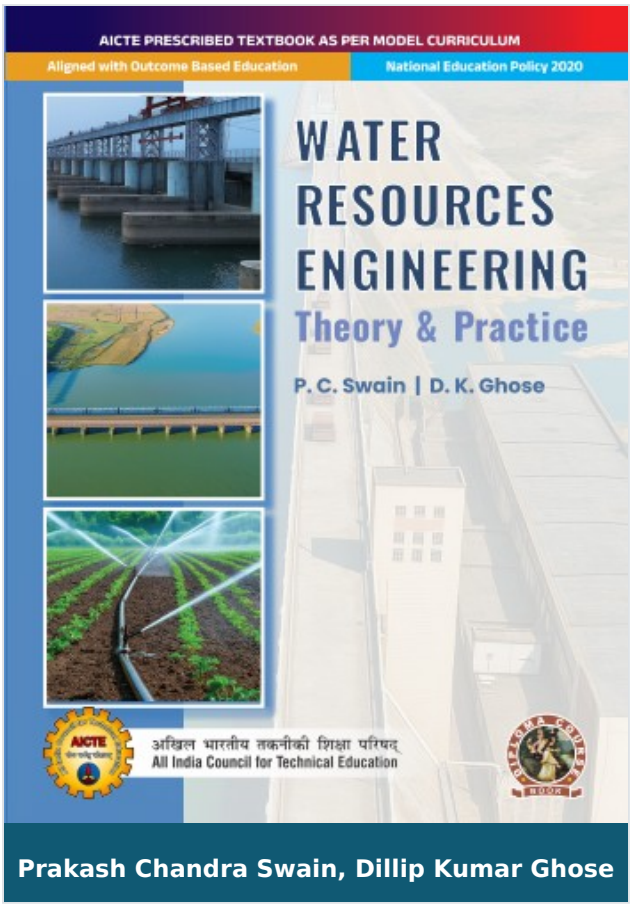
Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

- Index terms

Author

Suresh Mikkili

Dr. Suresh Mikkili Associate Professor & Head Electrical and Electronics Engineering, National Institute of Technology Goa



Water Resource Engineering (Theory & Practice)

Author :	Prakash Chandra Swain, Dillip Kumar Ghose
ISBN 13 :	978-93-55384-28-7
ISBN 10 :	9355384289
E-ISBN 13 :	978-93-55384-28-7
Edition :	First
Pages :	304
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 548.00
Categories :	AICTE Prescribed Textbooks, English Books, Bookstore
Condition Type :	New
Country Origin :	India

Product Description

Water Resource Engineering (Theory & Practice)

Water Resources Engineering is a crucial subject for Civil Engineering students. Providing a solid foundation in the principles and practices is necessary for the management and conservation of water resources. The primary focus is on the application of water resources engineering concepts to solve real-world problems in professional civil engineering practice. The supplementary content is designed to stimulate students' curiosity and guide them systematically towards deeper understanding.

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

- Foreword
- Acknowledgement
- Preface
- Outcome Based Education
- Course Outcomes
- Guidelines for Teachers
- Guidelines for Students
- Abbreviations and Symbols
- List of Figures
- List of Figures
- Introduction to Hydrology
- Crop Water Requirements and Reservoir Planning
- Dams and Spillways
- Minor & Micro Irrigation
- Diversion Headworks & Canal
- References for suggested Learning
- CO and PO Attainment Table
- Index

Author

Prakash Chandra Swain

Prof. Prakash Chandra Swain Professor (Retd.) and former Head, Department of Civil Engineering, Dean School of Infrastructure & Planning, and Dean Academic Affairs, VSS

Khanna Publishing House

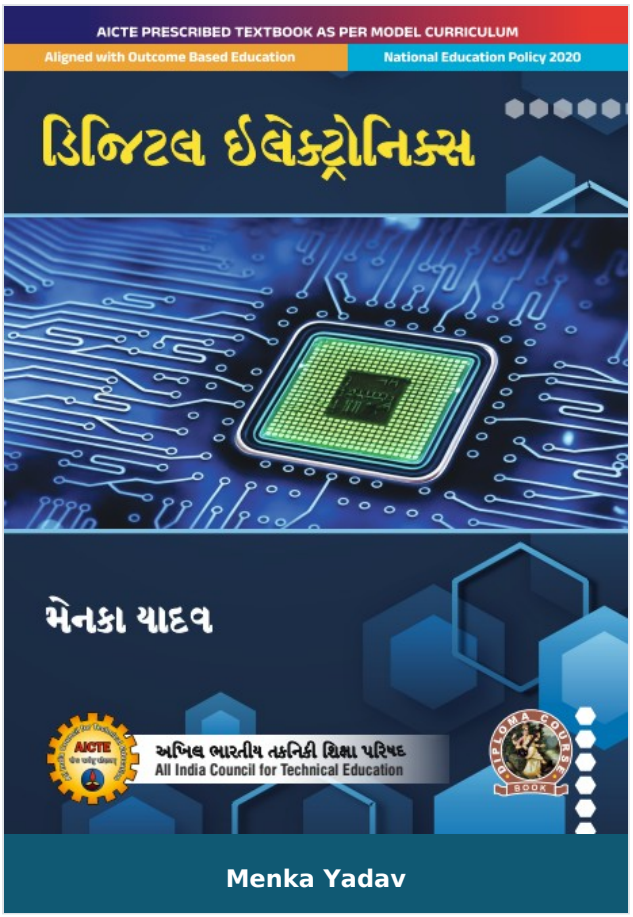
4C/4344, Ansari Road, Daryaganj, New Delhi-110002

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

University of Technology Burla Sambalpur - 768018, Odisha India Dr.

Dillip Kumar Ghose

Dr. Dillip Kumar Ghose Associate Professor Department of Civil Engineering National Institute of Technology Silchar, Cachar - 788010, Assam, India.



Digital Electronics

Author :	Menka Yadav
ISBN 13 :	978-93-55382-21-4
ISBN 10 :	9355382219
E-ISBN 13 :	978-93-55382-21-4
Edition :	First
Pages :	324
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 498.00
Categories :	AICTE Prescribed Textbooks, Gujarati Books, Bookstore
Condition Type :	New
Country Origin :	India

Product Description

Digital Electronics

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

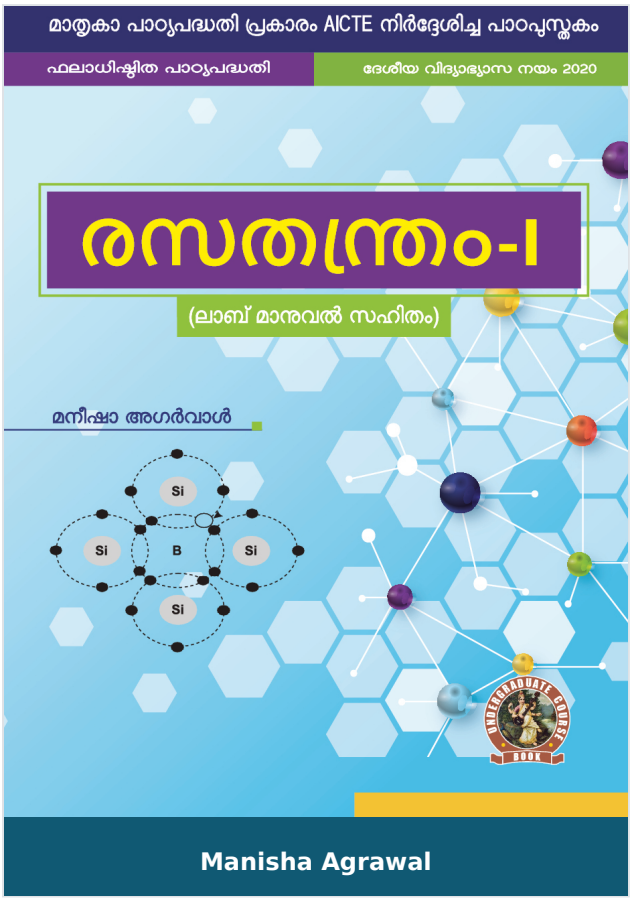
Menka Yadav

Dr. Menka Yadav Assistant Professor, Dept. of Electronics and Communication Engineering (ECE), Malviya National Institute of Technology, Jaipur-302017, Rajasthan

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 :	978-93-55381-39-2
ISBN 10 :	9355381395
E-ISBN 13 :	978-93-55381-39-2
Edition :	1
Pages :	288
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 295.00
Categories :	AICTE Prescribed Textbooks, Bookstore, Ebooks, Malayalam Books
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:

Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes and Unit Outcomes. Book Provides lots of recent information, interesting facts, QR Code for E-resources, QR Code for us of ICT, Projects group discussion etc. Students and teacher centric subject materials included in book with balanced and chronological manner. Figures, tables, chemical equations and comparative charts are inserted to improve clarity of the topics. 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.

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 Reactions Synthesis of Drug Molecules.
- Annexure.
- Appendices.

Author

Manisha Agrawal

Khanna Publishing House

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

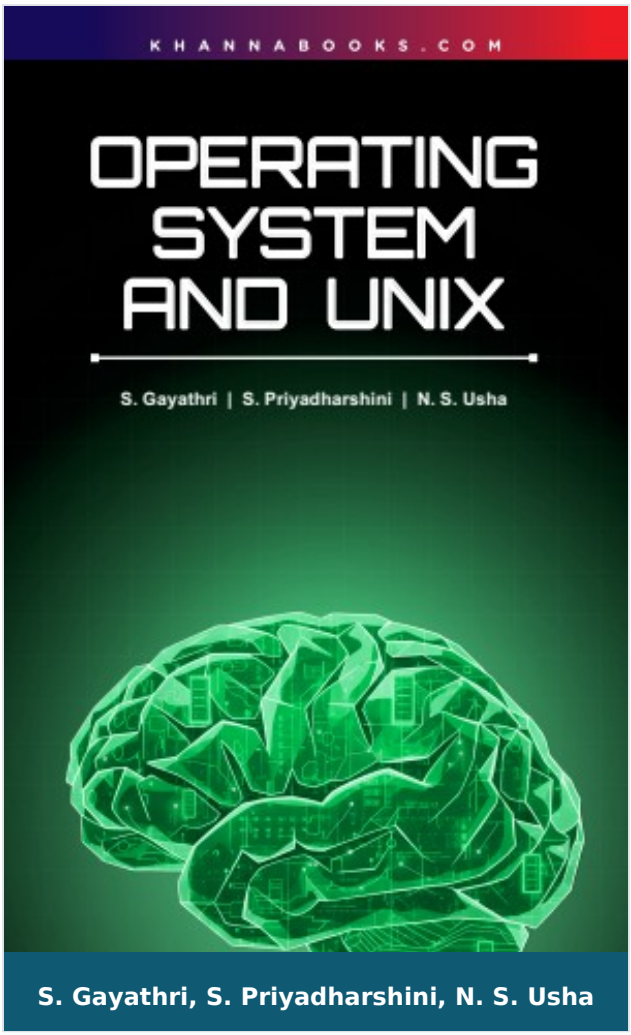
Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

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



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, Bookstore, Sathyabama Series
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

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

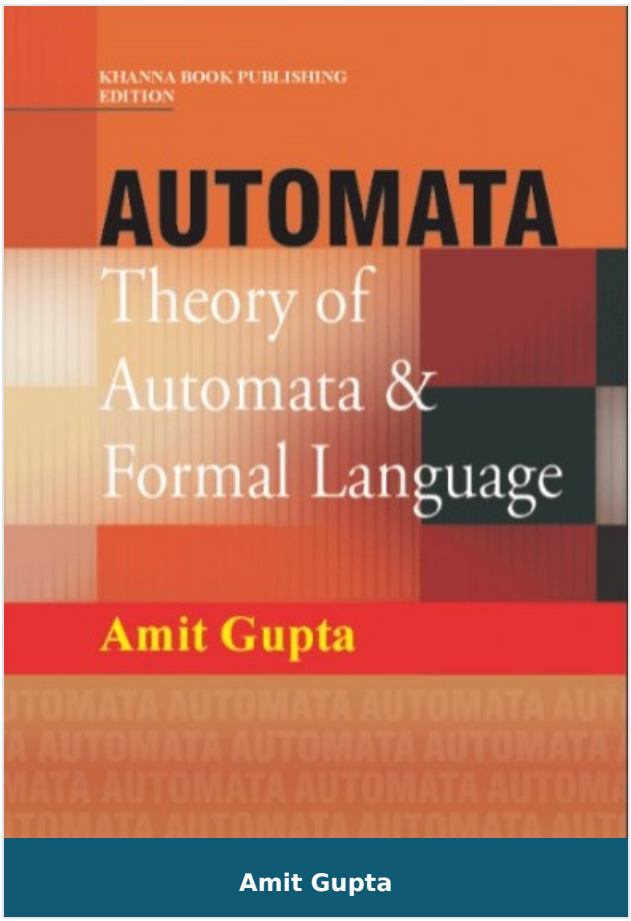
N. S. Usha

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



Amit Gupta

Theory of Automata and Formal Languages

Author :	Amit Gupta
ISBN 13 :	978-93-80016-08-5
ISBN 10 :	9380016085
E-ISBN 13 :	978-93-80016-08-5
Edition :	1
Pages :	456
Type of book :	Physical
Year :	2010
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 275.00
Categories :	Computer Science Engineering, Bookstore
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. A step-by-step solution of DEA & NFA approach that is used in almost all DFA & NFA approach that is used in almost all DFA & NFA examples in chapter 03 (Finite State Machine). Every chapter is supported with multiple choice questions, theoretical questions and numerical for better practice. Due care in taken to balance the mix of notations and words in mathematical statements. The book is presented with an approach to explain the concepts in lucid style and comprehensible language. A large number of attractive and accurate figure and 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

- Mathematical Preliminaries
- Formal Languages
- Finite State Machine
- Regular Expressions and Regular Grammar
- Context-free Grammar
- Pushdown Automata
- Turing Machine
- Decidability and Indecisivensess (Undecidability)
- Theory of Recursive Function and Intractability
- Propositions and Predicates

Author

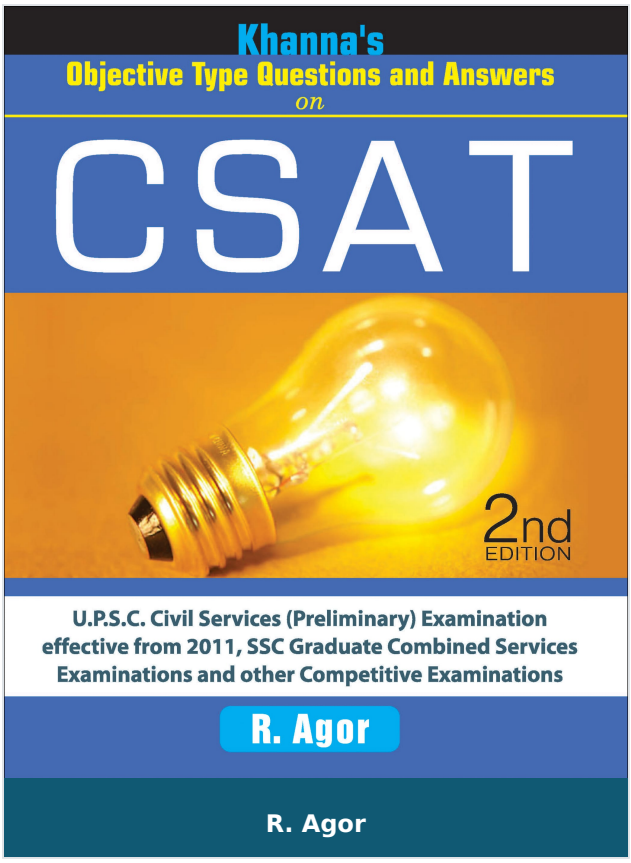
Amit Gupta

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

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



Khanna's CSAT [Objective Type Ques. & Ans.]

Author :	R. Agor
ISBN 13 :	978-93-82609-48-3
ISBN 10 :	9382609482
E-ISBN 13 :	978-93-82609-48-3
Edition :	2
Pages :	492
Type of book :	Physical
Year :	2014
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 415.00
Categories :	Objective Type Books, Bookstore
Condition Type :	New
Country Origin :	India

Product Description

The author feels great pleasure in presenting this comprehensive treatise for the candidates aspiring for Civil Services (preliminary) Examination as per the revised syllabus and pattern effective from 2011 and all other competitive examinations. This has been an endeavor of the author to compile the necessary knowledge for the Examination through the multiple type questions and answers on various subjects and current affairs.

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

- History Of Vedic Age
- Ancient History Of India
- Indus Valley Civilization
- Post-Maurayan Period (200BC-300AD)
- The Delhi Sultanates (1206-1526)
- The Mughal Dynasty
- The Mughal Emperors: Jahangir & Shahjahan
- Religious Policy Of Akbar
- India Awakening
- Indian Struggle For Independence (1857 to1947)
- Heritage Of India
- Indian Polity & Government
- The Indian Central Government
- Indian State Government
- Local Self Government
- General Electronic in Indian Democracy
- Indian National Movement (AD 1923-39)
- Quit India Movement (August Kranti 1942)
- Indian Foreign Policy
- Indian Political Geography
- Indian Physical Geography
- Physical Features On Earth;s Surface
- The Earth;s Surface & Atmosphere

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

- Basic Of Numeracy
- General Science
- Indian Resources & Development
- Indian Minerals & Energy Resoures
- The Salient Features of India Constitution
- The Components of Government and Their Functions
- Judiciary of India
- Preventive and Social Medicine
- Functions in Human Body
- The World Oceans and their Configurations
- English Comprehension

Author

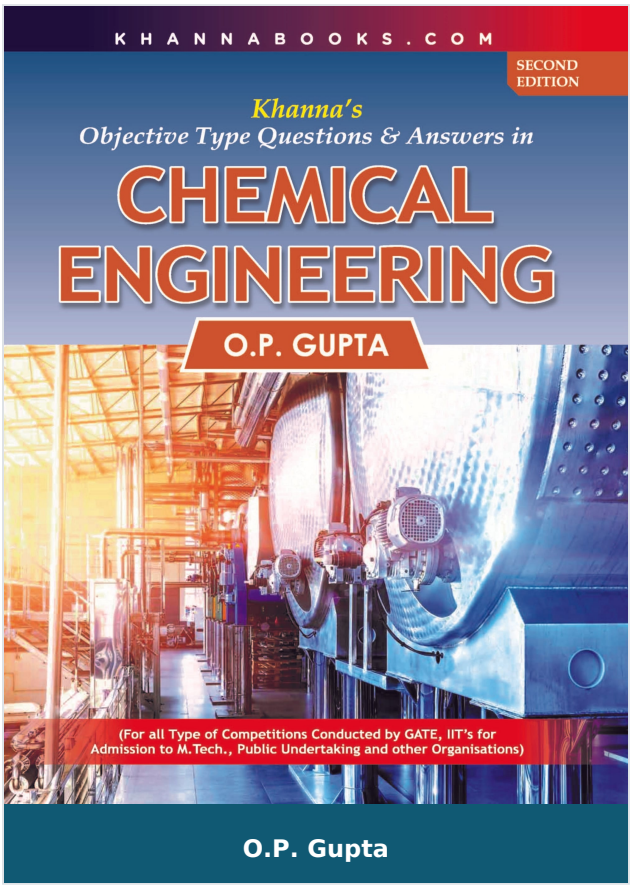
R. Agor

R. Agor Lecturer in Civil Engineering (Retd.) Technical Education, 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



Khanna's Objective Type Questions & Answers in Chemical Engineering

Author :	O.P. Gupta
ISBN 13 :	978-81-95123-19-3
ISBN 10 :	8195123198
E-ISBN 13 :	978-81-95123-19-3
Edition :	Second
Pages :	396
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 450.00
Categories :	Objective Type Books, Bookstore
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 meant for diploma students of chemical engineering and petroleum engineering both for their academic program as well as for competitive examinations. This book contains 18 chapters covering title entire syllabus of diploma course in chemical engineering and petrochemical engineering. This book is its present form has been designed to serve as an encyclopedia of chemical engineering so as to be ready reckoner apart from being useful for all types or written tests and interviews faced by chemical engineering and petrochemical engineering are same as that of chemical engineering diploma students. So, this book will be-equally useful for diploma in petrochemical engineering 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

- Fluid Mechanics
- Stoichiometry (Process Calculation)
- Mechanical Operation
- Chemical Process Industries (Chemical Technology)
- Petroleum Refinery Engineering
- Fertiliser Technology
- Heat Transfer
- Mass Transfer
- Process Control and Instrumentation
- Chemical Engineering Thermodynamics
- Chemical Reaction Engineering
- Fuels and Combustion
- Materials of Construction
- Process Equipment Design
- Chemical Engineering Economics
- Environmental Engineering
- Polymer Technology
- Petrochemical Questions
- Miscellaneous Questions
- Interview Questions & Answers
- Gate-2018
- Gate-2019
- Gate-2020

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

- Gate 2021

Author

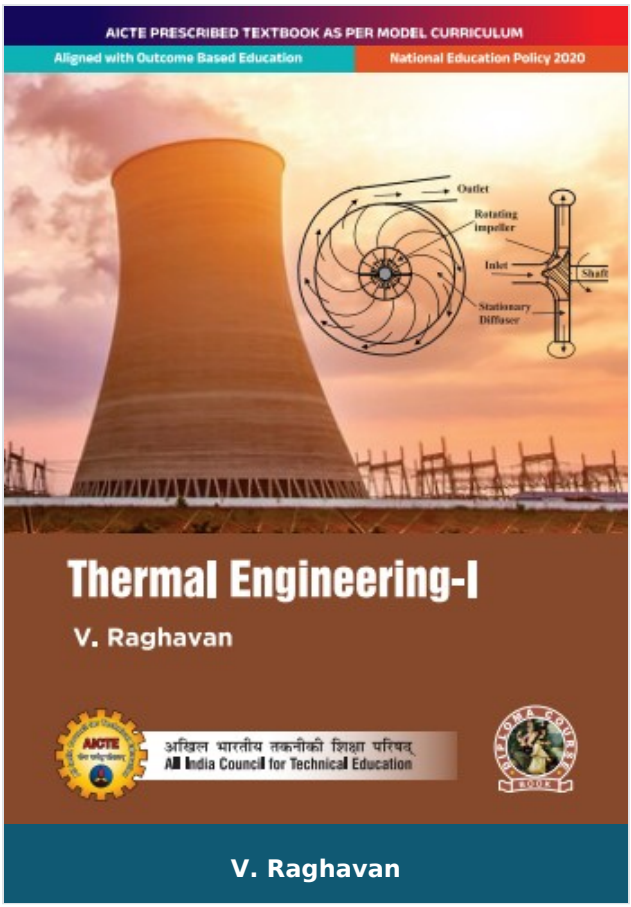
O.P. Gupta

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



Thermal Engineering- I

Author :	V. Raghavan
ISBN 13 :	978-93-55389-01-5
ISBN 10 :	9355389019
E-ISBN 13 :	978-93-55389-01-5
Edition :	First
Pages :	144
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 286.00
Categories :	AICTE Prescribed Textbooks, English Books, Bookstore
Condition Type :	New
Country Origin :	India

Product Description

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 furl 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.

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

- 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.

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
- 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

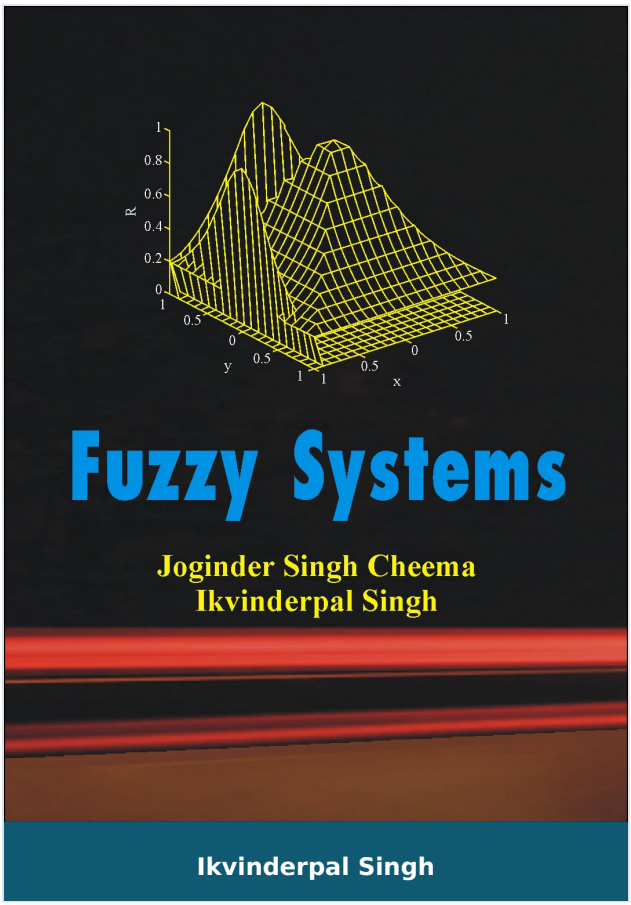
V. Raghavan

Dr. V. Raghavan

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



Fuzzy Systems

Author :	Ikvinderpal Singh
ISBN 13 :	978-93-80016-49-8
ISBN 10 :	9380016492
E-ISBN 13 :	978-93-80016-49-8
Edition :	1
Pages :	492
Type of book :	Physical
Year :	2015
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 395.00
Categories :	Computer Science Engineering, Bookstore
Condition Type :	New
Country Origin :	India

Product Description

This book is meant for a wide range of readers, especially college and university students wishing to learn basic as well as advanced processes and techniques in Fuzzy systems. It can also be meant for programmers who may be involved in programming based on the Fuzzy system applications. Modern aspects of fuzzy systems have been introduced from the first principles and discussed in an easy manner. So that a beginner can grasp the concepts of Fuzzy logic, fuzzy sets, fuzzy relations, fuzzy reasoning, fuzzy probability, fuzzy expert systems etc. each chapter contains solved example problems and exercise problems.

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 Fuzzy System
- Fuzzy Logic
- Classical Sets and Fuzzy Sets
- Fuzzy Relations, Fuzzy Graphs and Fuzzy Arithmetic
- Fuzzy If-then Rules
- Applications of Fuzzy Logic
- Neuro-Fuzzy Systems
- Genetic Algorithm
- Fuzzy Logic and Probability Theory
- Fuzzy Logic and Probability Theory
- Fuzzy Model Identification
- Fuzzy Logic in Database and Information Systems
- Fuzzy Logic and Artificial Intelligence
- Fuzzy Logic and Pattern Recognition

Author

Ikvinderpal Singh

Dr. Ikvinderpal Singh is an Assistant Professor at Trai Shatabdi Guru Gobind Singh Khalsa college Amritsar, bringing 17+ years of academic leadership and research experience to the field of computer science. A Gold Medalist in B.Sc. IT, with an MCA (Distinction) and a Ph.D. in Neural Networks and Image Processing, he is known for blending rigorous 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

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

participation on 100+ editorial and review boards worldwide.

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