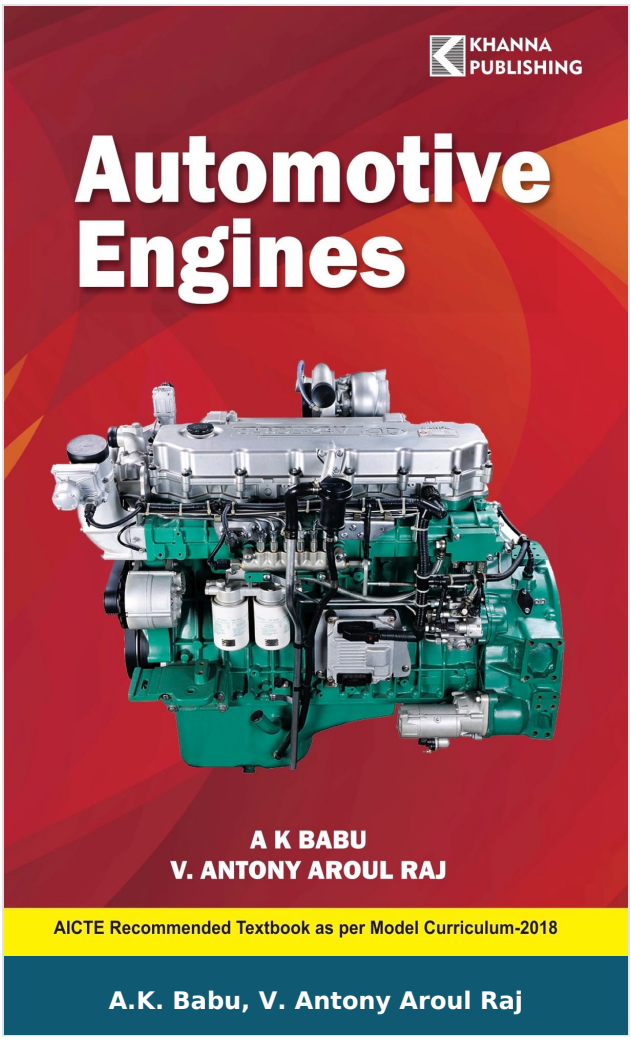


Automotive Engines

Author :	A.K. Babu, V. Antony Aroul Raj
ISBN 13 :	978-93-86173-15-7
ISBN 10 :	9386173158
E-ISBN 13 :	978-93-86173-15-7
Edition :	First
Pages :	296
Type of book :	Physical
Year :	2019
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 299.00
Categories :	Automobile Engineering, UNIVERSITY RECOMMENDED, Automobile 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 designed to meet the requirements of the students of Mechanical Engineering and Automobile Engineering. It is based on the latest syllabi prescribed by different Technical Colleges and Universities in India. Each chapter is describes in simple, non-technical language and explains by clear illustrations that how engine parts and systems are constructed, how the part works, and what is required to maximize performance in terms of power, speed, economy and safety.

The important short and long review questions which the are included at the end of each chapter are taken from previous semesters question papers of various Technical colleges and Universities. This book is intended to be used as a Text and for Reference by colleges and technical universities offering subjects like Automotive Engines and Internal Combustion Engines.

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

- Engines
- Fuel Systems
- Combustion in Engines
- Turbocharging and Supercharging
- Engine Testing
- Cooling and Lubrication
- Emission and Control
- Review Question

Author

A.K. Babu

A.K. Babu A.K.Babu is working as Associate Professor in the Department of Automobile Engineering, SRM Easwari Engineering College, Chennai, India. He has over 18 years of experience in teaching, research and industry. A.K.Babu, completed his Master Degree in Automobile Engineering from Madras Institute of Technology (M.I.T.), Anna University (1997). He has served in other countries like Malaysia, Ethiopia and Eritrea for more than 5 years. A.K.Babu has published considerable number of research papers in international journals and conferences. His research paper published in SAE Journal of Fuels and Lubricants awarded one the most outstanding papers in the year 2003.

V. Antony Aroul Raj

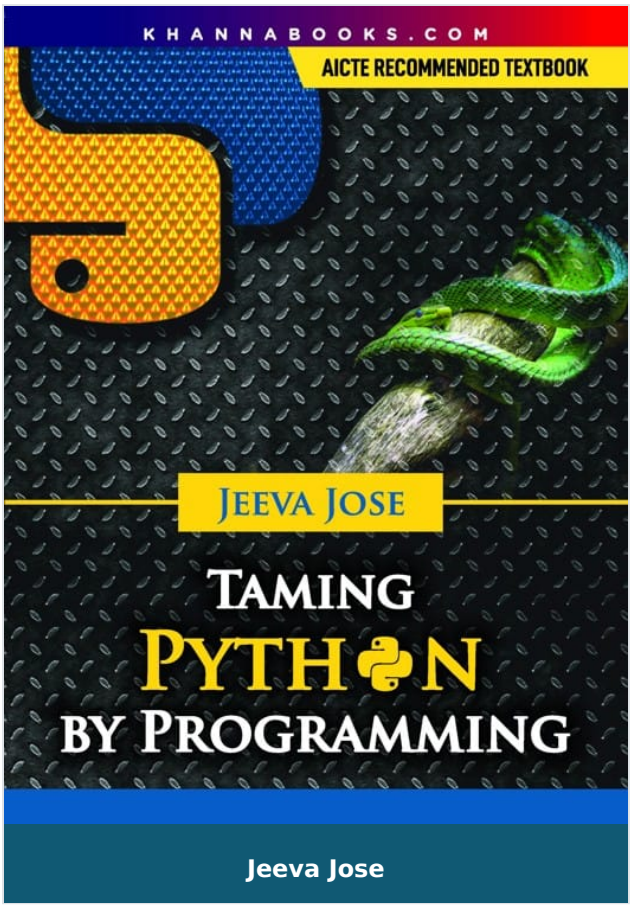
V. Antony Aroul Raj Dr.V.Antony Aroul Raj is a Professor in the Department of Mechanical Engineering, SRM Easwari Engineering College, Chennai, India. He has over 15 years of research and teaching experience. Dr.V.Antony Aroul Raj obtained B. E. Degree in Mechanical Engineering from the Pondicherry Engineering College (1993) and a Ph.D in

Energy Engineering from the Anna University, Chennai, India (2011). He has received the best project award for his PG project. He has worked in the air-conditioning Industry for 4 years and installed about 60 plants. He has more than 10 research publications in International Journals with high impact factors and in various conferences in India and abroad. He is a Life member of ISHRAE and SAE.

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



Taming PYTHON By Programming

Author :	Jeeva Jose
ISBN 13 :	978-93-86173-34-8
ISBN 10 :	9386173344
E-ISBN 13 :	978-93-86173-34-8
Edition :	First
Pages :	348
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 425.00
Categories :	UNIVERSITY RECOMMENDED, Emerging Technologies, Book Store, Best Sellers
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 is a great book for Python Beginner and Advanced Learner which covers Basics to Advanced Python Programming where each topic is explained with the help of Illustrations and Examples. More than 450 solved programs of this book are tested in Python 3.4.3 for windows. The range of Python Topics covered makes this book unique which can be used as a self study material or for instructor assisted teaching. This books covers Python Syllabus of all major national and international universities. Also it includes frequently asked questions for interviews and examination which are provided 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

- Introduction to Python
- Data Types and Operations
- Flow Control
- Functions
- Modules and Packages
- File Handling
- Object Oriented Programming
- Exception Handling
- Regular Expressions
- Database programming
- Iterators,Generators and Decorators
- GUI Programming
- Multithreading
- CGI Programming
- Socket Programming
- Index

Author

Jeeva Jose

Dr. Jeeva Jose completed Ph. D. in Computer Science from Mahatma Gandhi University, Kerala, India and is a faculty member at BPC College, Kerala. Her passion is teaching and areas of interests include world wide web, Data Mining and Cyber laws. She has been in higher education for the last 15 years and has completed three research projects funded by UGC and KSCSTE. She has published more than twenty research papers in various

Khanna Publishing House

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

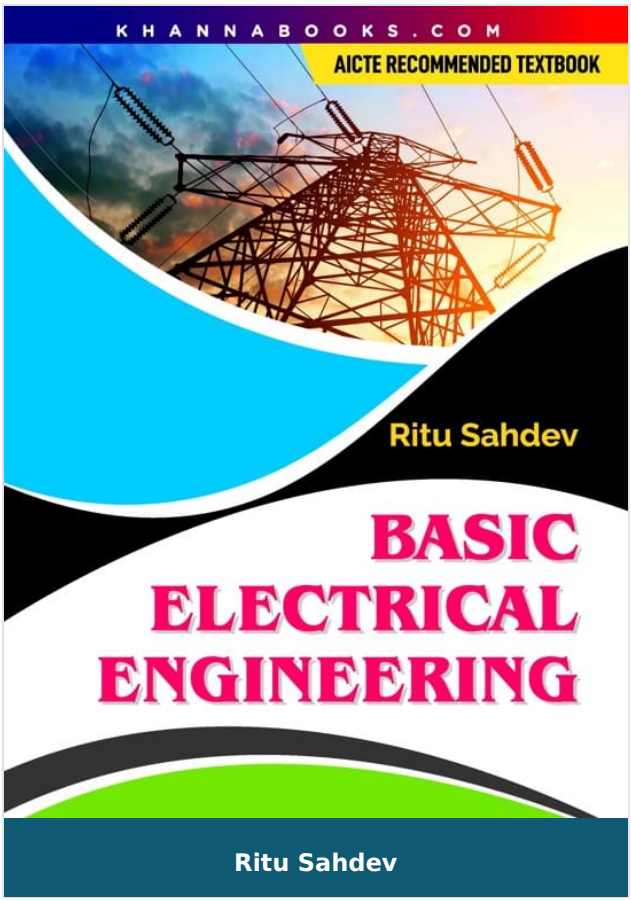
Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

refereed journals and conference proceedings. She has edited three books and has given many invited talks in various conferences. She is a recipient of ACM-W Scholarship provided by Association for Computing Machinery, New York.

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 Electrical Engineering

Author :	Ritu Sahdev
ISBN 13 :	978-93-86173-49-2
ISBN 10 :	9386173492
E-ISBN 13 :	978-93-86173-49-2
Edition :	First
Pages :	324
Type of book :	Physical
Year :	2024
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 365.00
Categories :	Electrical, Electronics & Communication Engineering, UNIVERSITY RECOMMENDED, Book Store, Best Sellers
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

Although, a number of books, written by various authors on the subject are available in the market. However, the author feels that this book will facilitate the students not only to prepare for the regular University examinations. The book is also quite suitable for the professionals since many live examples have been incorporated.

The book has the following exclusive features:

(i) The Learning objectives of each chapter have been incorporated in the beginning to develop curiosity among the students. (ii) Practice exercise have been added in all the chapters after suitable intervals to impart necessary practice. (iii) At the end of each chapter, its summary highlights are given. This will enable the students to revise the subject matter quickly. (iv) A number of short answer and test questions have been given at the end of each chapter. While answering these questions, the readers will have to think deep into the subject matter. This will improve their analytical approach. Consequently, the students/readers will be in position to respond in a better way while appearing before the selection board or to deal with practical problems. (v) A sufficient number of objective type questions (MCQ) have been given at the end of each chapter. These questions will help the students to perform better in the competitive examinations. (vi) The subject matter is treated in a simple and lucid manner so that an average student can understand the subject easily. Although, typical mathematical expressions are avoided but simple mathematical relations are used for better explanation and understanding.

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

- DC Circuits
- AC Circuits
- Transformers
- Electrical Machines
- Power Converters
- Electrical Installations
- Practice exercise
- Summary
- Short answer questions
- Numerical questions
- Test questions
- Answer to Multi-choice question

Author

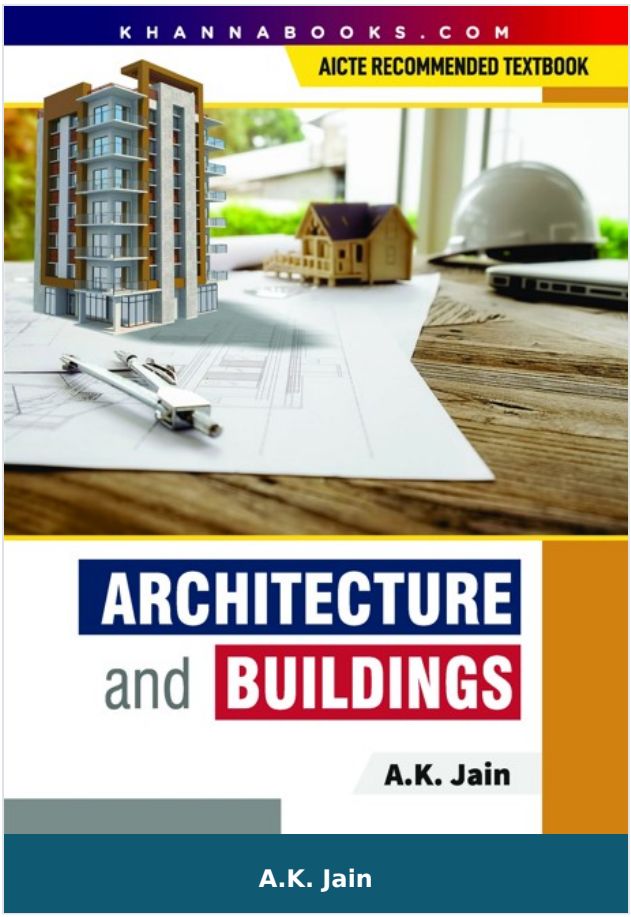
Ritu Sahdev

Ritu Sahdev

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



Architecture and Buildings

Author :	A.K. Jain
ISBN 13 :	978-93-86173-82-9
ISBN 10 :	9386173824
E-ISBN 13 :	978-93-86173-82-9
Edition :	First
Pages :	420
Type of book :	Physical
Year :	2023
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 450.00
Categories :	Architecture Engineering, UNIVERSITY RECOMMENDED, 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

ARCHITECHTURE and BUILDINGS: An architect is defined as master builder, one who design buildings and superintends their erection, and the architecture as the art and science of the buildings. Architecture is one of the few professions which strike a balance between technical, artistic, practical, economic and social considerations.

Every building is a part of ecological system and has a footprint It means taking a wide-angle view of the architecture in the context of urbanism, ecology and environment, including, bio-diversity and natural resources, water and energy. As such, architecture is changing from functional to organizational, from architectonic to urbanism and from building’ provides a comprehensive and narrative on history of architecture, Indian architecture, vaastu, the basic of design, green building, building resources and technology, planning and design .

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

- The Basics of Architectural Design
- Evolution of Architecture In India
- History of Architecture and Human Settlements
- Vastu In Modern Context
- Translating Architectural Theory Into Design
- Green Building
- Building Design for Climatic and Thermal Comfort
- Sustainable and Resilient Habitat
- Building Resources and Technology
- Building and Planning Codes
- Anthropometry and Ergonomic
- Barrier Free Architecture
- Bibliography

Author

A.K. Jain

A.K. Jain, as Commissioner (Planning) Delhi Development Authority worked on the Master Plan for Delhi-2021, National Urban Housing and Habital Policy, National Urban Transport Policy and various urban projects. He was a member of the Committee Constituted by the Ministry of Urban Development, GOI to review the statute of the Delhi Development Authority vis-a-vis the changing urban scenario and new policy initiatives. As a member of editorial Board of International Journal of Environmental Studies (UK) and is author of several books on urban development and management. He is visiting faculty at Delhi School of Planning and Architecture and other Institutes. He was awarded 2nd Urban

Khanna Publishing House

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

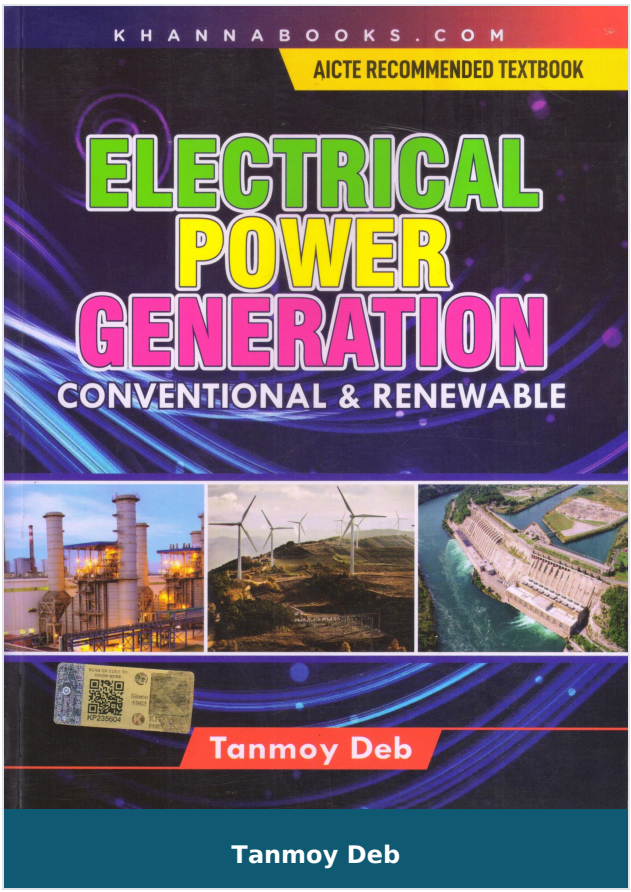
Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

Professional Award 2014 at World Urban Forum in Medellin, Colombia in recognition of being an exemplary city changer. Union Minister for Urban Development hourured him with IBC Lifetime Achievement Award (2016).

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 Power Generation

Author :	Tanmoy Deb
ISBN 13 :	978-93-86173-37-9
ISBN 10 :	9386173379
E-ISBN 13 :	978-93-86173-37-9
Edition :	First
Pages :	584
Type of book :	Physical
Year :	2024
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 495.00
Categories :	Electrical, Electronics & Communication Engineering, UNIVERSITY RECOMMENDED, 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

Electrical Power Generation - Conventional and Renewable is comprehensive textbook meant for B. Tech (Electrical Engineering), B. Tech (Electrical and Electronics), M. Tech(Electrical Engineering) and M. Tech(Mechanical Engineering) students. This book is also useful for students preparing for GATE, AMIE, UPSC(Engineering Services) and IIIE Exams. The book covers complete syllabus prescribed by various universities, Institutes and NIT’s etc. It contains large number of solved numerical problems, flowcharts, diagrams for easy comprehension. Various pedagogical features such as learning objectives ,chapter summary, list of formulae, multiple choice questions, numerical questions and short answer type questions are provided for practice and understanding. It covers syllabus for subjects viz. power station practice, renewable energy resources, energy technology and electrical power generation.

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 Generation
- Economic Operations Power Plants
- Thermal Power Generation
- Hydro Electric Power Generation
- Nuclear Power Generation
- Gas Turbine Based Power Generation
- Diesel Based Power Generation
- Solar Thermal and Photovoltaic Power Generation
- Wind Power Generation
- Bio-Mass Power Generation
- Geothermal Power Generation
- Ocean Thermal, Tidal and Wave Power Generation
- Thermal Power Generation
- Thermo-Electric, Thermionic and Small Hydro Power Generation
- Co-ordinated operation of Power Plants
- Electrical Energy Conservation
- Substation
- Annexure-A
- Annexure-B
- Bibliography
- 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

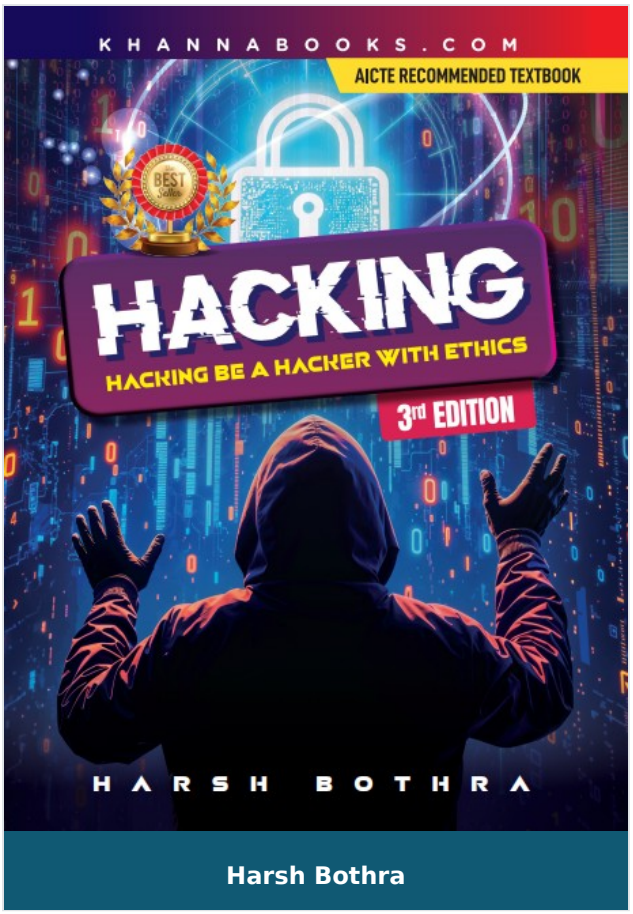
Tanmoy Deb

Dr. Tanmoy Deb had graduated in electrical engineering from NIT, Surat with distinction and gold medal. He did M.Tech (Power Systems and Drives), M.Tech (Control & Instrumentation), MBA and M.Phil (Management). He Was awarded Ph.D in Electrical Engineering by Jamia Islamia (Central University). He has authored three books and 51 research publications. He is member of 12 professional studies and honorary secretary (Delhi Chapter) of Indian Institution of Industrial Engineers (2006-08). He has 30 years of experience in teaching and industry.

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



Harsh Bothra

Hacking (Hacking Be A Hacker With Ethics)

Author :	Harsh Bothra
ISBN 13 :	978-93-55384-57-7
ISBN 10 :	9355384577
E-ISBN 13 :	978-93-55384-57-7
Edition :	3
Pages :	224
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 295.00
Categories :	Computer Science Engineering, UNIVERSITY RECOMMENDED, Emerging Technologies, Book Store, Best Sellers
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

In today's time where geographical boundaries are easily covered by Internet and computers with click of a button, there are lies risks within the ecosystem. Hacking somebody's details could lead to damages and losses.

In this book we have tried to provide a glimpse into the Technology world of the common terms and procedures used by the hackers to intrude into the system. It is a humble effort to make students understand with help of Diagram and Images the procedures through which the vulnerabilities are exploited.

It is written in simple and lucid language to be understood by one and all.

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

- PART-A. BASICS OF HACKING
- Introduction to Hacking
- Introduction to Ports & Protocols
- Virtualization & Introduction to Kali Linux
- Foot-printing
- Scanning
- PART-B. PERFORMING THE HACK
- Hacking Into System
- Trojans & Backdoors
- Viruses & Worms
- Sniffing, Packet Analysis & Session
- Social Engineering
- Cryptography
- Steganogrpahy
- Vulnerability Assessment
- Deep Web & Dark Net
- PART-C. ADVANCE HACKING
- Denial of Service
- Web Application & Web Server Penetration Testing
- Wireless Network Exploitation
- Additional References

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

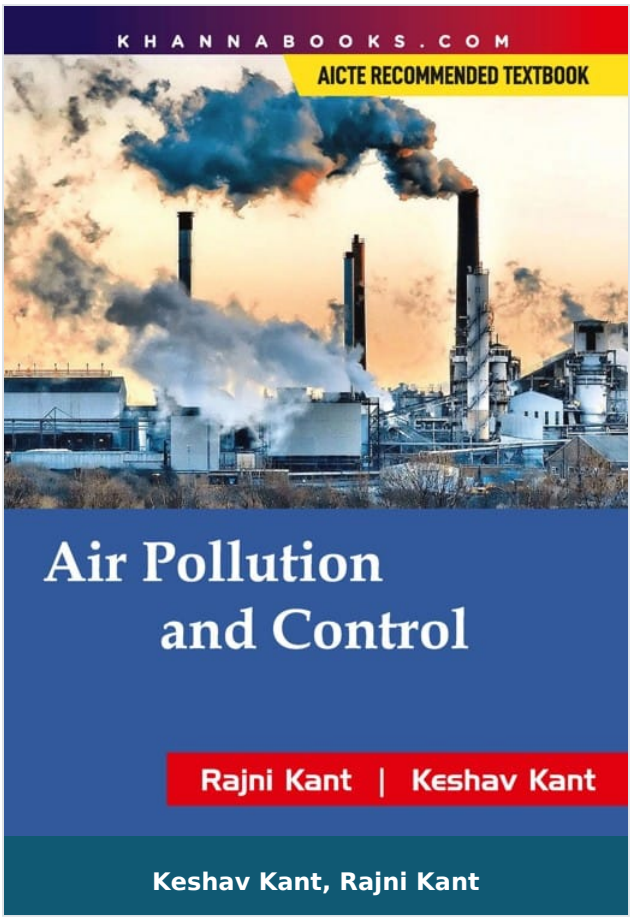
Harsh Bothra

Harsh Bothra is an offensive Cyber Security expert who has been working in this domain for about a decade. He started in this domain during high school and graduated with a computer science and engineering degree. He published the first version of his book, ‘Hacking: Be a Hacker with Ethics,” in 2016 and his second book in 2019. He holds an engineering degree in Computer Science and Engineering from Amity University Rajasthan. He has worked with different organizations in various roles, such as security consultants, senior security engineers, product security engineers, and triage analysts. Harsh specializes in penetration testing and offensive security in domains such as web applications, APIs, Mobile applications, infrastructure, Clod, and Container security. He is deeply interested in writing and has constantly contributed to the security community through various blogs and articles. He is also a seasoned speaker and has given multiple talks at various reputed security conferences. He also ran various learning activities and challenges like Learn365, Security Explained and Security Stories.

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



Air Pollution and Control

Author :	Keshav Kant, Rajni Kant
ISBN 13 :	978-93-86173-30-0
ISBN 10 :	9386173301
E-ISBN 13 :	978-93-86173-30-0
Edition :	First
Pages :	456
Type of book :	Physical
Year :	2023
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 450.00
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 provides a fully comprehensive, rigorous and refreshing treatment of ‘Air Pollution and Control’ covering present day technology and developments. It covers various new topics like bioaerosols or aeroallergens and hazardous air pollutants including diesel exhaust and dioxins.

The book is intended to meet the requirements of (a) Undergraduate and postgraduate students of particularly Environmental and Mechanical Engineering and also other branches of Engineering, (b) Technologists, designers, operation and maintenance engineers of industries, electrical power plants, heat and power utilities, (c) Aspirants for competitive examinations of IAS, IES, IFS, PCS, and aspirants for various state and private technical services, etc. and (d)General readers interested in the field for better understanding and knowledge.

The book is divided into 20 chapters and presents enormous information covering all aspects of Air Pollution in various sectors relevant to Indian conditions. Each of the following chapters is followed by questions at the end based upon the text.

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
- Chapter-2: Sources of Air Pollution and their Ill-effects
- Chapter-3: Effects of meteorological Conditions on Air Pollution
- Chapter-4: Control of Emission of Suspended Particulate Matter in Coal Fired Thermal power Stations
- Chapter-5: Control of Oxides of Nitrogen in Combustion of Fossil fuels in Power Generation and Industries
- Chapter-6: Control of Emission of Oxides of sulphur by Absorption Systems Internal to Boilers
- Chapter-7: Control of Emission of Oxides of sulphur(SOx) for Flue Gases of Boilers
- Chapter-8: Air Pollution from Industries and Their Control
- Chapter-9: Air Pollution in Petroleum Refineries
- Chapter-10: Control of Mercury Emission from Thermal Power Stations and Industries
- Chapter-11: Air Pollution by Nuclides / Radioactivity - Safety and Control
- Chapter-12: Air Pollution by Municipal Solid Wastes, Biomedical Wastes and E-Wastes and Their Control
- Chapter-13: Control of Air Pollution from Mobile Sources and Standards Applicable
- Chapter-14: Damage due to Air Pollution to Electronic / Electrical Equipments and protective Measures
- Chapter-15: Emission Limits Imposed by Indian regulations
- Chapter-16: Measurements of Air Pollutants
- Chapter-17: Control of Noise Pollution
- Chapter-18: Control of Odours
- Chapter-19: Environmental Impact Assessment for Projects
- Chapter-20: Miscellaneous 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

Author

Keshav Kant

Dr. Keshav Kant is a former Professor of Mechanical Engineering, I.I.T. Kanpur, who after superannuation from I.I.T. Kanpur in June 2005, served as professor and Head of Mechanical Engineering Department and later as the Director in a number of Private Engineering Colleges/ Institutes. He has three Monographs, five technical reports, 90 publications to his credit in National and International Journals and Proc. of National and International Conference.

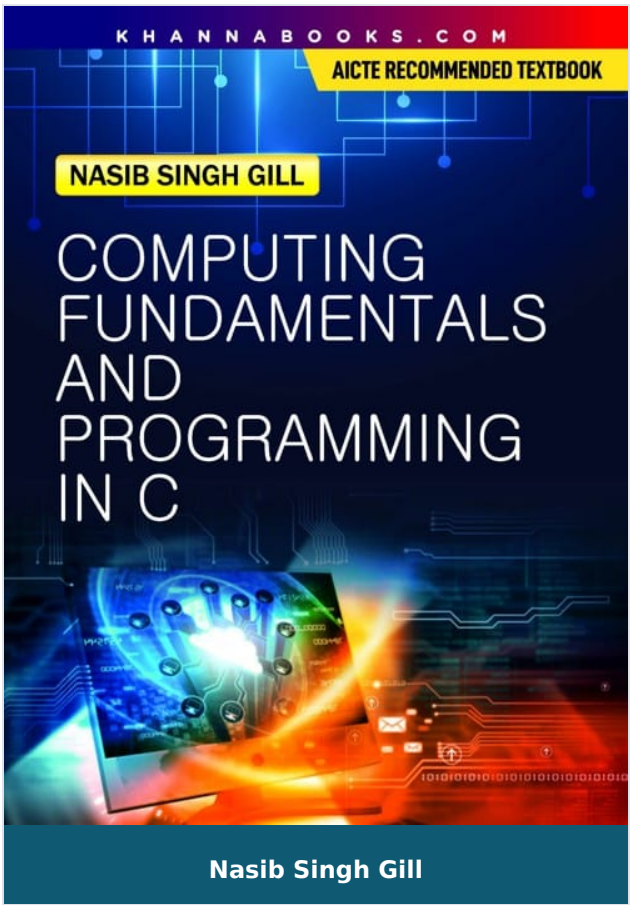
Rajni Kant

Er. Rajni Kant, an Engineering Graduate from BHU in 1954, recieved an extensive training in the works of M/S Hitachi Ltd. Japan and also at large capacity power stations and projects of Georgia Power Company (USA). He has more than 50 years of experience to his credit in the aforesaid fields and has authored about 40 papers in various fields including Power Plant and Environmental Engineering which were published in National and International Journals and Proceeding of National and International Conferences.

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



Computing Fundamentals and Programming in C

Author :	Nasib Singh Gill
ISBN 13 :	978-93-81068-50-2
ISBN 10 :	938106850X
E-ISBN 13 :	978-93-81068-50-2
Edition :	First
Pages :	856
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 625.00
Categories :	Computer Science Engineering, UNIVERSITY RECOMMENDED, Book Store, Best Sellers
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 complete spectrum of computing fundamentals starting from abc of computer to internet usage has been well covered in simple and readers loving style, The language used in the book is lucid, is easy to understand, and facilities easy grasping of concepts, The chapter have been logically arranged in sequence, The book is written in a reader-friendly manner both the students and the teachers, Most of the contents presented in the book are in the form of bullets, organized sequentially. This form of presentation, rather than in a paragraph form, facilities the reader to view, understand and remember the points better, The explanation is supported by diagrams, pictures and images wherever required, Sufficient exercises have been included for practice in addition to the solved examples in every chapter related to C programming, Concepts of pointers, structures, Union and file management have been extensively detailed to help advance learners, Adequate exercises have been given at the end of the every chapter, Pedagogy followed for sequencing the contents on C programming supported by adequate programming examples is likely to help the reader to become proficient very soon, 200 problems on C programming & their solutions, 250 Additional descriptive questions on C programming.

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 Computing
- Basic Elements of Computers and Applications
- Number Systems and Data Representation
- Computer Codes
- Input and Output Devices
- Computer Memory and Secondary Storage
- Data Communication, Computer Networks and Internet
- Basic Concepts of Software and Its Types
- Evolution of Programming Languages and Program Development
- Overview of C Language
- Variables, Constants and Data Types
- Operator Types in C and Expressions
- Decision Making Iterative and Control Constructs In C
- User Defined Functions
- Arrays Overview and Its Types
- Pointers and Applications
- Structures and Union
- File Management in C
- Problems & Solutions on C Programming
- Additional Descriptive Questions on C
- References
- 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

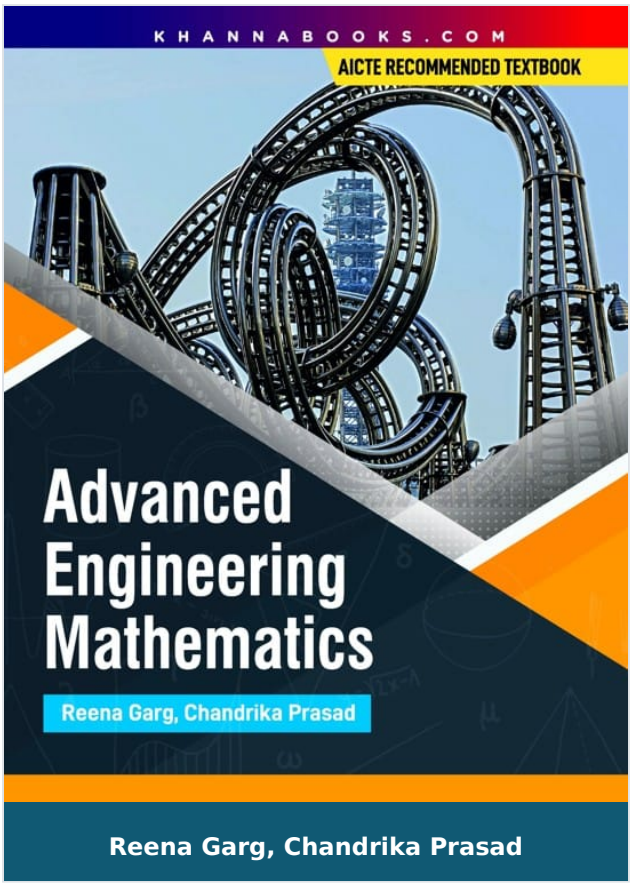
Nasib Singh Gill

Dr. Nasib Singh Gill is a high profile and an acknowledge teacher. Dr. Gill obtained his Ph.D. degree in Computer Science in March 1996 under the supervision of a very renowned and an eminent Computer Scientist, Pro-Head, Department of Computer Science & Applications, M.D. University, Rohatak. He is working in Department of Computer Science & Applications, M.D. University, Rohtak since its inception in Feb. 1990. Presently, he is working as Senior Faculty in the department and has more than 10.5 years of teaching experience. His area of research is 'Software Metrics', a sub-area of 'Software engineering' discipline and presently he is orienting himself in the area of 'Information Technology'

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 Engineering Mathematics

Author :	Reena Garg, Chandrika Prasad
ISBN 13 :	978-93-86173-52-2
ISBN 10 :	9386173522
E-ISBN 13 :	978-93-86173-52-2
Edition :	First
Pages :	1032
Type of book :	Physical
Year :	2023
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 799.00
Categories :	UNIVERSITY RECOMMENDED, APPPLIED SCIENCES & HUMANITIES, Book Store, APPPLIED SCIENCES & HUMANITIES
Condition Type :	New
Country Origin :	India

Product Description

This book provides a comprehensive, thorough and up to date treatment of mathematics in engineering and sciences. This is intended to introduce students of engineering, physics, mathematics, computer sciences and other related fields to those areas of applied mathematics that are most relevant for solving practical problems. Practice is the key word in the learning process of mathematics . The aim of this book is to provide a vast knowledge of mathematics and its diverse practical use in daily lives. The course contents in this book are the sole pre-requisites. The experience of the author of more than a decade in teaching at under graduate, post graduate level and in the research areas of mathematics in University makes this book useful.

In this book all the topics and related concepts have been given in a lucid and simple way filling every gap between students and mathematics. A lot of worked examples are given so as to help the readers understand better.

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

- Matrices and ITS Applications
- Application to Geometry
- Coordinate Geometry of Three Dimensions
- Expansion of Functions (Taylor's and Maclaurin's Series)
- Partial Differentiation
- Reduction Formlae: Definite Integrals
- Vector Calculus
- Infinite Series
- Fourier Series
- Differentiation
- Partial Differential Equations
- Function of a Complex Varibale
- Laplace Transforms and ITS Application
- Fourier Transform and ITS Application
- Empirical Laws and Curve Fitting.
- Solution to Numerical, Algebraic and Trabscendental Equation
- Numerical Solution of Ordinary Differential Equations
- Numerical Solution of Ordinary Differential Equations
- Numerical Solution of Partial Differential Equations

Author

Reena Garg

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

Dr. Reena Garg , M.Sc. Mathematics (Gold Medalist), M.Phil, Ph.D is Assistant Professor (Mathematics) in YMCA University of Science & Technology, Faridabad (Haryana). She also taught in C.I.T.M. Faridabad (presently known as Manav Rachna International University, Faridabad). Her teaching experience of more than a decade has made this book more valuable for the knowledge seekers.She has published more than 10 research papers in various 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.

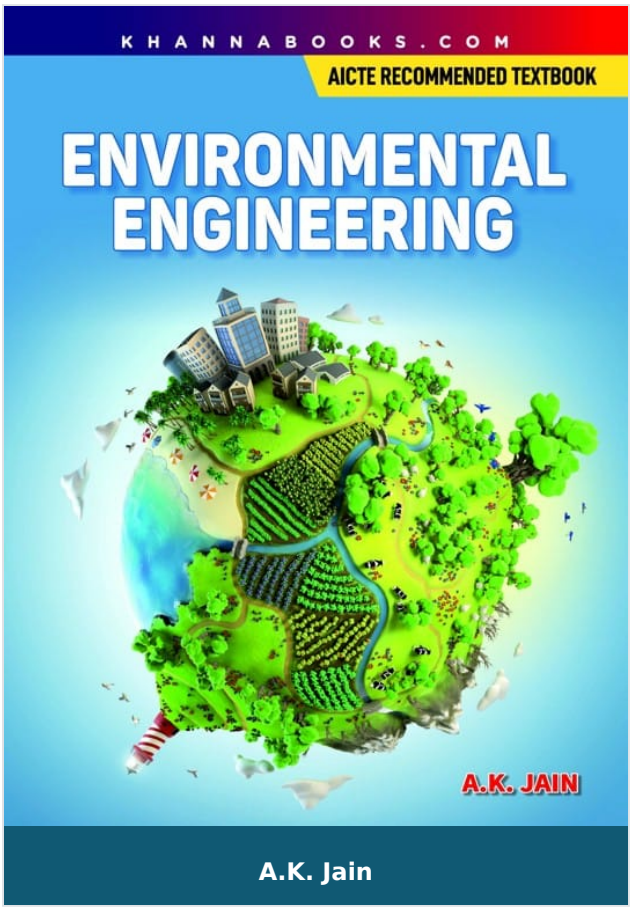
Chandrika Prasad

Chandrika Prasad

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.K. Jain

Environmental Engineering

Author :	A.K. Jain
ISBN 13 :	978-93-86173-63-8
ISBN 10 :	9386173638
E-ISBN 13 :	978-93-86173-63-8
Edition :	First
Pages :	568
Type of book :	Physical
Year :	2024
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 525.00
Categories :	Civil Engineering, 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

The book Environmental engineering covers a wide range of topics-water, sanitation and drainage, solid and liquid waste treatment, energy, pollution control and environmental planning. the basis of environmental engineering is the sustainability which include the ecology, climate, geology, hydrology, and infrastructure services. One of the major challenges pertains to making the cities more sustainable by environmental planning, which have been explained in detail. Several examples, explained in a simple, flowing language and more than 200 drawings and visuals give a practical focus to the book.

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: An Introduction to Environmental Engineering
- Chapter-2: Water
- Chapter-3: Water Supply in Buildings
- Chapter-4: Sanitation and Sewerage
- Chapter-5: Drainage and Storm Water Management
- Chapter-6: Solid Waste Management
- Chapter-7: Energy Conservation and Efficiency
- Chapter-8: Water Pollution and Health
- Chapter-9: Waste Water Treatment
- Chapter-10: Environmental Planning
- Glossary, Terms and Definition
- Bibiliography

Author

A.K. Jain

A.K. Jain, as Commissioner (Planning) Delhi Development Authority worked on the Master Plan for Delhi-2021, National Urban Housing and Habital Policy, National Urban Transport Policy and various urban projects. He was a member of the Committee Constituted by the Ministry of Urban Development, GOI to review the statute of the Delhi Development Authority vis-a-vis the changing urban scenario and new policy initiatives. As a member of editorial Board of International Journal of Environmental Studies (UK) and is author of several books on urban development and management. He is visiting faculty at Delhi School of Planning and Architecture and other Institutes. He was awarded 2nd Urban Professional Award 2014 at World Urban Forum in Medellin, Colombia in recognition of

Khanna Publishing House

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

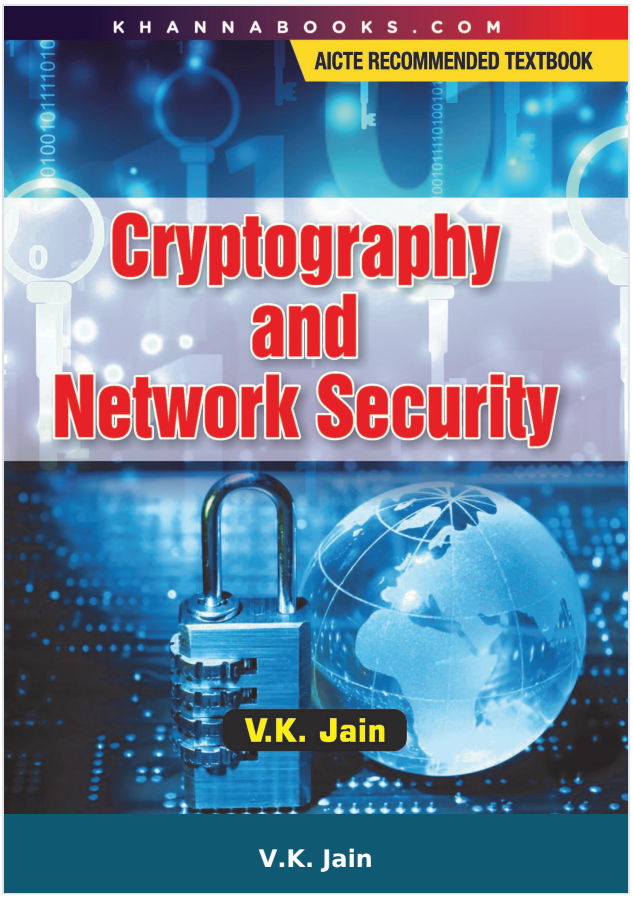
Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

being an exemplary city changer. Union Minister for Urban Development hourured him with IBC Lifetime Achievement Award (2016).

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



Cryptography and Network Security

Author :	V.K. Jain
ISBN 13 :	978-93-80016-80-1
ISBN 10 :	9380016808
E-ISBN 13 :	978-93-80016-80-1
Edition :	First
Pages :	604
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 625.00
Categories :	Computer Science Engineering, UNIVERSITY RECOMMENDED, 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

This book has been written keeping in mind syllabi of all Indian universities and optimized the contents of the book accordingly. These students are the book's primary audience. Cryptographic concepts are explained using diagrams to illustrate component relationships and data flows. At every step aim is to examine the relationship between the security measures and the vulnerabilities they address. This will guide readers in safely applying cryptographic techniques. This book is also intended for people who know very little about cryptography but need to make technical decisions about cryptographic security. many people face this situation when they need to transmit business data safely over the Internet. This often includes people responsible for the data, like business analysts and managers. as well as those who must install and maintain the protections, like information systems administrators and managers. This book requires no prior knowledge of cryptography or related mathematics. Descriptions of low-level crypto mechanisms focus on presenting the concepts instead of the details. This book is intended as a reference book for professional cryptographers, presenting the techniques and algorithms of greatest interest of the current practitioner, along with the supporting motivation and background material. It also provides a comprehensive source from which to learn cryptography, serving both students and instructors. In addition, the rigorous treatment, breadth, and extensive bibliographic material should make it an important reference for research professionals. While composing this book my intention was not to introduce a collection of new techniques and protocols, but rather to selectively present techniques from those currently available in the public domain.

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 Cryptography and Network Security
- Basic Concepts in Data Encryption
- Model Block Cipher
- Groups, Ring and Field
- Public Key Cryptosystem and RSA
- Authentication
- Digital Signatures
- Authentication Application
- IP Security
- Web Security
- System Security
- Index

Author

V.K. Jain

Dr. V.K. Jain is a well known practical engineer who has authored more than 125 books on engineering, management and subjects related with computer science. He obtained degree in Electrical Engineering in 1966 from MACT (Maulana Azad College of Technology) Bhopal. He did M. Tech. in 1968 from MACT and HEL (Now Bharat Heavy Electricals) Bhopal in Design and Production of Heavy Electrical Equipments, an Industry Oriented course run under the sponsorship of UNESCO under Vikram University Ujjain in 1968. He was attached to Electronics Application Engineering Department of BHEL. He presented a thesis on ""Analysis of the performance of speed and excitation regulation System using fast acting integrator type AVR for a large Hydro-generator (15 MW). This

Khanna Publishing House

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

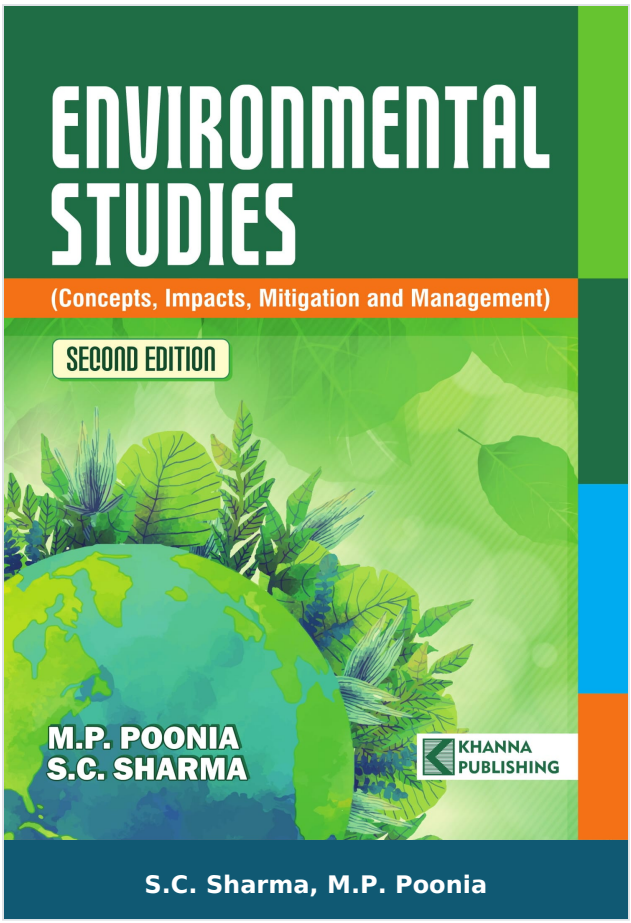
Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

was concerned with studying power system from the viewpoint of electronic control systems (based on Nyquist Criteria) through Analog and Digital Computer at one of the premier Institution of India IIT (Indian Institutue of Technology) Kanpur. He personally prepared digital computer program in FORTRAN IV as early as in year 1968 at IIT Kanpur and compiled it on IBM 7044 Main Frame Computer, The fastest Computer in India at that time. He joined CPWD as Electrical Engineer on 20.5.1968 on basis of All India Competitive Examination for Central Electrical Engineering Services (Now known as IES) through Union Public Service Commission of India and served CPWD for 35 years. After retirement he worked with M/s CP Kukreja as consultat engineer for nearly one and half years and at present working as Chief Consultant Engineer with M/s Hospitech Management Consultant Pvt. Limited WTC New Delhi and engaged in designing most modern E/M, Electronic services and IBMS in premier Medical colleges and Big Hospital systems including AIIMS at Raipur and Patna.

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



Environmental Studies

Author :	S.C. Sharma, M.P. Poonia
ISBN 13 :	978-93-86173-09-6
ISBN 10 :	9386173093
E-ISBN 13 :	978-93-86173-09-6
Edition :	Second
Pages :	460
Type of book :	Physical
Year :	2021
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 399.00
Categories :	Civil Engineering, 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

Environmental degradation has been a major concern since past few decades, because of economic growth and development across the world has caused major impacts on the Earth's ecosystems and natural resources to an extent that can limit the well-being of future generations.

India has recently started realizing the importance of environment and the environmental education. Following the 2001 Supreme Court directive, the environmental education has been or is being included in the curriculum right from the school stage to the College/ University level.

This book covers the syllabi of all Indian Technical Universities and other Universities for different disciplines, may it be in the name of environmental studies, environmental science, ecology or natural resource management. This book is written to bring about an awareness of a variety of environmental concerns and deals from concepts through impacts, mitigation auto management.

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 (Multidisciplinary Nature of Environmental Studies)
- The Earth and The Biosphere (Earth Sciences)
- Ecology
- Ecosystems
- Biodiversity and Conservation
- Natural Resources
- Forest Resources
- Water Resources
- Mineral Resources
- Land (Soil) Resources
- Energy Resources
- Food Resources
- Environmental Pollution (Hazards) and Control
- Waste Management
- Disaster Management
- Social Issues
- Environmental Challenges
- Human Pollution and The Environment
- Resettlement and Rehabilitation (R & R)
- Environmental Protection
- Environmental Legislation
- Environmental Impact Assessment (EIA)
- Environmental Management and Environmental Management Plan (EMP)

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

- Objective Type Question

Author

S.C. Sharma

S.C. Sharma after graduation in 1966 joined as lecturer in Mechanical Engineering. He had been associated for more than 4 decades in various fields including learning and management of projects in India and abroad in different capacities. While working Hydro power projects for more than 15 years he has actively associated with various environmental and rehabilitation & resettlement issues and successfully resolved various complicated issues. He has also worked as consultant for matters related to safety, environment and R & R. He has written about a dozen books on subjects related to engineering and management including management of projects.

M.P. Poonia

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

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