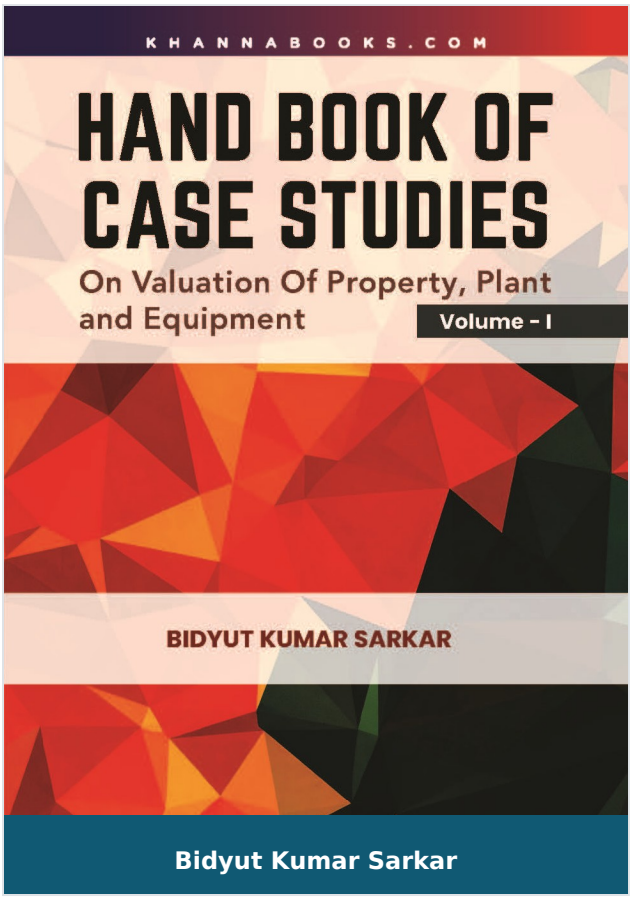

Handbook Of Case Studies (On Valuation of Property, Plant and Equipment), Volume-1

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Product Description

Handbook Of Case Studies (On Valuation of Property, Plant and Equipment), (Volume - I)

“Hand book of Case Studies: On Valuation of Property, Plant, and Equipment (Volume - I)” offers a comprehensive and practical guide for students and professional aiming to develop Expertise in valuation report writing within the field of PPE. Drawing on real-world examples and detailed case studies, the book effectively bridges the gap between valuation theory and practical application, making it an essential resource for aspiring and practicing valuers. Valuation is a critical skill across many industries, yet the practical of report writing are often underrepresented in traditional education.

This book addresses that gap by providing structured guidance of preparing accurate and reliable valuation reports. It covers key areas such as data collection, analysis of market conditions, methodologies, and adherence to professional standards, with a strong focus on mortgage valuation scenarios. Through its case studies, the book demonstrates how professional judgement, supported by technical knowledge, leads to objective and defensible valuations.

The book also emphasizes the importance of understanding the context of valuation, including the expectations of investors, property owners, and businesses, as well as evolving market conditions. It highlights the role of the valuer as an intermediary who connects clients with market realities and provides insights that support informed financial decision-making. Written in a clear and accessible style, Hand book of Case Studies: On Valuation of Property, Plant, and Equipment serves both as a learning tool and a reference guide, and is highly recommended for students of Management, Valuation, and related disciplines, as well as professionals seeking to enhance their skills in property and asset valuation.

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- Revaluation of Fixed Assets: - Revaluation of Fixed Assets Bhutan Concast Pvt. Ltd., pasakha Industrial Estate, chukha dzongkhag, pasakha, Bhutan
- Revaluation of Fixed Assets: - Bhutan National Bank Ltd., Thimphu Corporate Office Building Norzing Lam 2, Thimphu, Bhutan
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- Revaluation of Property, Plant & Equipment: - Ayelabari Tea Estate, Karimganj Assam, HMP Poddar House, Kolkata

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Bidyut Kumar Sarkar

Bidyut Kumar Sarkar , is a former Scientific Offers/Engineering of the Department of Atomic Energy, Govt of India, Mumbai. He is a Chartered Engineer & a Fellow of the Institution of Engineering (India), Institution of Valuers (India), a Member of American Society of Appraisers (USA), A Regd Valuer under section 34 AB of the income tax & Wealth Tax Act 1957, Govt of India. He has been serving last 40 years as a consultant to Govt/Semi Govt/PSU/Corporate clients Spread over India, Bhutan, Nepal, and beyond which enables him to have a large tapestry of In-depth experience of valuation of tangible & intangible assets involving diverse industries viz, large and medium Hydropower plants, steel plants, steel plants, ferro Silicon and Ferro alloys plants, Ferro Silicon Magnesium plants, Mines & mineral industries. Cement, Chemical & Other Continuous Process Industries, Distilleries, Cigarette manufacturing and Readymade textile plants, wood Based Industries, Rigid PVC Pipes & Films manufacturing plants, food & Milk Processing industries, Real Properties, Five-star hotel (le’ Meridien, Thimphu), Tea processing plants

& plantation, large automatic particle board and gyp board plants, large residential complexes etc. and boundless creativity by navigating vibrant terrain and cultural nuances of people and places, real and surreal. He did publish a paper on Nuclear Instrumentation & process Control at a National Seminar Organized by BARC, Trombay, Mumbai and a number of books of poems in English.

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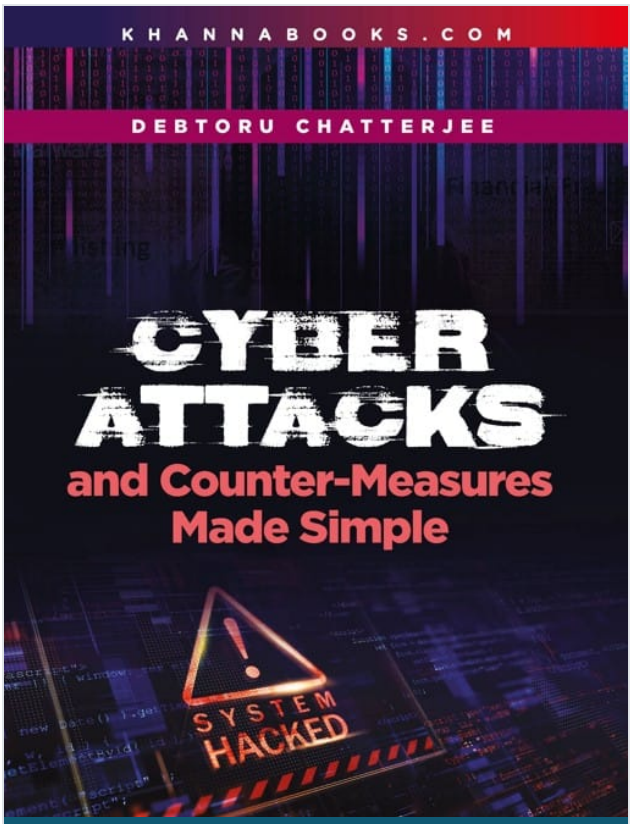

Debtoru Chatterjee

Cyber Attacks and Counter-Measures Made Simple

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Product Description

This book provides the readers the following insights into how:

1. Websites are hacked by exploiting command injection, file inclusion, file upload and other vulnerabilities.

2. Databases are compromised by basic and advanced SQL injection.

3. Browser clients are targeted by Cross-Site Scripting attacks.

4. Linux computers are breached by exploiting their vulnerabilities without recourse to social-engineering.

5. Forensic tools can be used to detect malicious intrusions in to systems.

6. Data in transit can be safeguarded by cryptographic and other mechanisms.

7. And cyber security tools that can be deployed against the above described cyber-attacks.

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- Website Attacks
- Breaking into Linux Computers
- File Inclusion Web Attacks
- File Upload Web Attacks
- Hacking the Database
- Targeting the Browser
- Forensics for Defense
- Protecting Data in Transit
- Cyber Preparedness

Author

Debtoru Chatterjee

Debtoru Chatterjee, an Indian Postal Service Officer (1994 batch), has served 11 years in a central police organization, including as an Inspector General, besides a five-year stint as an army Colonel. An honor graduate from Presidency College Calcutta, he holds and M.Sc. (Distinction) in Cyber Forensics and Information Security from the University of Madras; an MBA (IT Systems) (Distinction) from ICFAI; and a Master in Business Laws from National Law School, Bangalore. A keen student of Kali Linux and Python, he has also authored a companion book "Cyber-Crime and its Prevention in Easy Steps".

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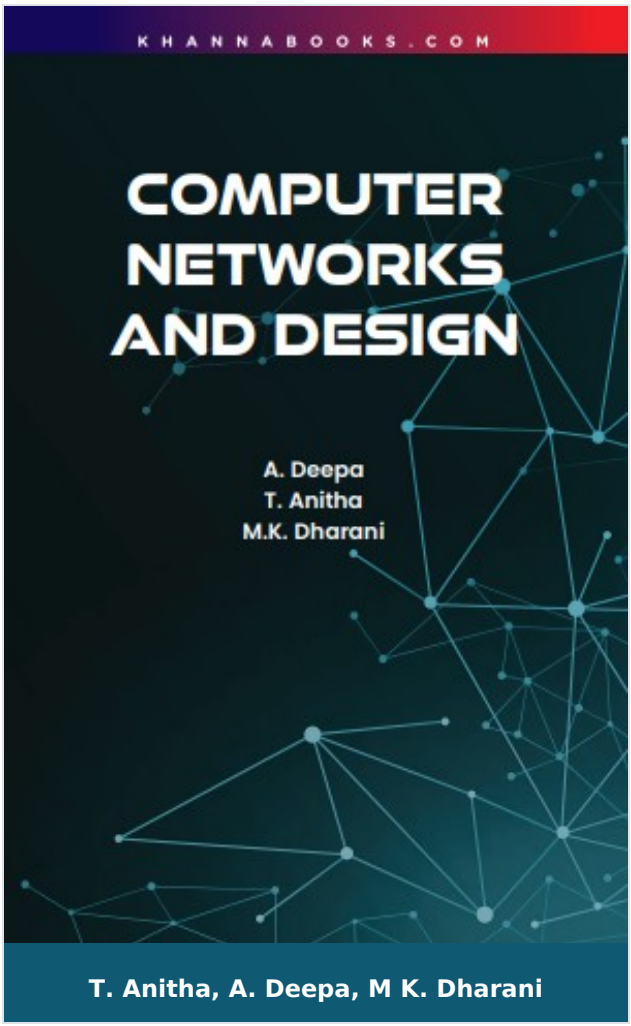

T. Anitha, A. Deepa, M K. Dharani

Computer Networks and Design

Author :	T. Anitha, A. Deepa, M K. Dharani
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Product Description

Computer Networks and Design

In the current era, where network infrastructure is the fundamental backbone of modern enterprises, this book serves as a comprehensive and practical guide to understanding the principles of effective computer network design and implementation. It addresses the ever-increasing need for well-designed, secure, and highly efficient network architectures across businesses of all sizes.

The core theme of the book is a structured, top-down approach to mastering the entire network lifecycle, moving from determining requirements and analyzing existing infrastructure to completing the final design, deployment, and long-term maintenance. It provides detailed coverage of fundamental design methodologies, including modular and hierarchical network design strategies that ensure scalability and efficiency. Beyond foundational concepts like LAN connectivity (Ethernet, Token-Ring) and the OSI model, the text delves into critical modern topics such as Virtual Private Networks (VPNs), Intranets, and Extranets for secure remote communication.

This resource is an ideal tool for a target audience including students of computer science and engineering, network professionals, and IT managers seeking to enhance their expertise in building and managing robust network infrastructures effectively. By bridging theoretical concepts with practical insights on networking tools (simulation, baselining) and evolving technologies (IP PBX, FoIP, xDSL), the book equips readers with the essential skills to design and optimize future-proof, high-performance network solutions.

Salient Features:

- **Modular Design Focus**: Details modular and hierarchical network design methodologies to improve scalability, management, and fault tolerance across complex LAN and WAN environments.

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- L**AN to Mainframe**: Covers underlying LAN concepts like Ethernet and InterLAN Switching, and provides specialized guidance on secure connectivity and integration with legacy Mainframe systems.
- **Virtual Security Architectures**: Dedicated unit on VPNs, Intranets, and Extranets, focusing on planning, management, and secure remote access implementation using technologies like IPSec VPNs.
- **Network Optimization Tools**: Introduces practical tools and techniques for network analysis, including network baselining as an effective planning tool and simulation methods for designing multimedia networks.
- **Real-time Communication**: Explores the integration of Voice over IP (VoIP) and Video over IP networks, detailing the setup of IP PBX telephony and Videoconferencing systems over IP networks.
- **Broadband Access Technologies**: Discusses emerging technologies in data communications, including the merits of xDSL technology and necessary preparations for utilizing high-speed cable modems.
- **Layered Design Analysis:** Provides a foundational review of the OSI model and various network topologies (Bus, Star, Mesh), offering a strong theoretical background for practical design decisions.

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- Evolving Technologies

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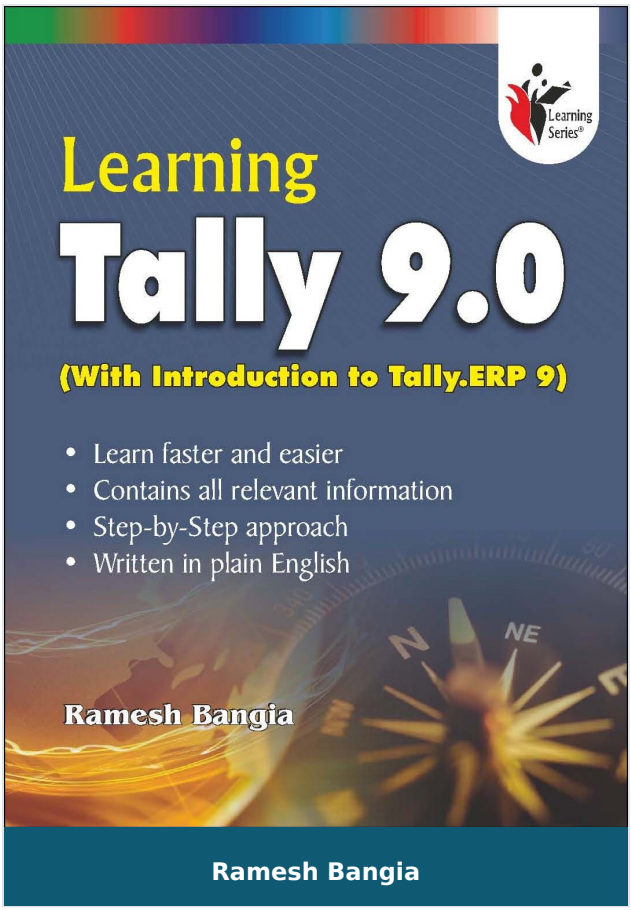

Learning Tally 9.0 (with Introduction to Tally.ERP 9)

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Product Description

The complete Learning Series has been designed in a very systematic and logical manner. Each topic has been developed from the basic concepts. Practically every major point in the text is illustrated with suitable examples and screen shots. This will help the students in understanding the basic theory and train them in solving every problem systematically, and confidently. A large number of unsolved as well as solved exercises have also been included in the book. The language of the text of the book is lucid, direct and easy-to understand. Each chapter is laced with various diagrams wherever possible. Functions has been explained in full and some of them have been explained in the form of examples. Tips for working faster using the keyboard shortcuts are also provided.

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- Service Tax, TDS & FBT in Tally
- Entering Vouchers In Tally 9.0
- Moving On To Tally ERP 9
- Keyboard Shortcuts
- Question

Author

Ramesh Bangia

Ramesh Bangia, has been writing computer books on various topics. He has written books for Schools. Training Institutes, Technical Universities, Distance Education Programs, Colleges and General. His tally of books exceeds 500 in number. Trained both in India and Abroad and having studied at IIT Delhi, he becomes automatic choice for most of the publishers in India. Though based in Delhi, his books are popular all over India and are even exported to Middle Ease and African countries.

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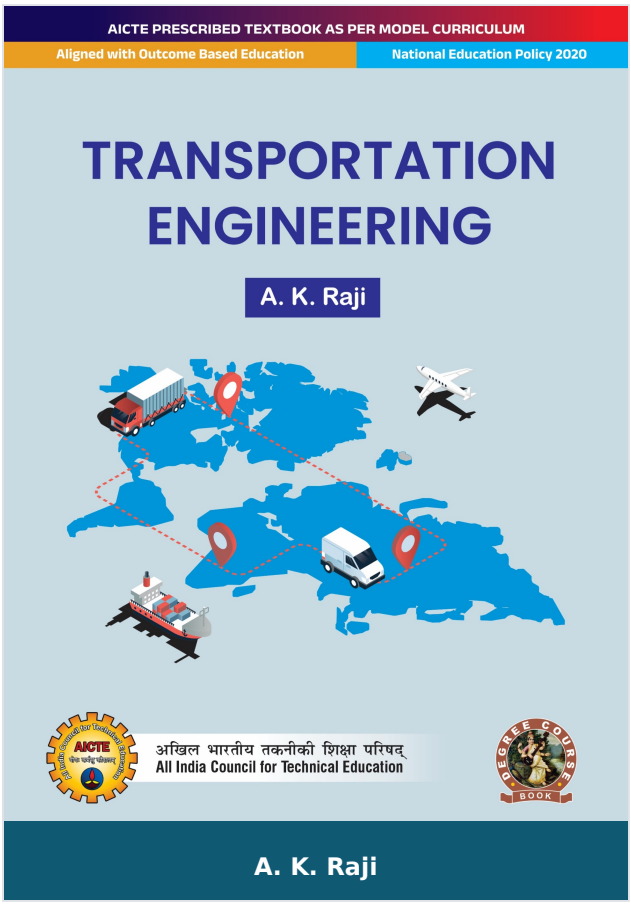

Transportation Engineering | AICTE Prescribed Textbook (UG512EN)

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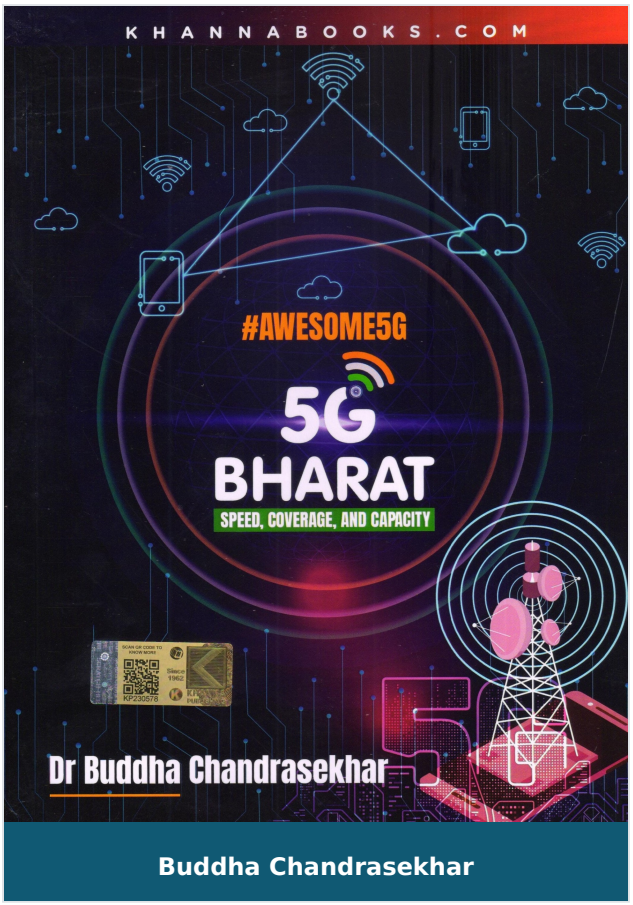

Buddha Chandrasekhar

#Awesome5G- 5G Bharat

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Product Description

#Awesome5G- 5G Bharat Speed, Cover, and Capacity. Experience the potential of 5g to revolutionize education, skill development, and job creation while empowering farmers, healthcare, Railways, BFSI and promoting social inclusion. Discover the transformative power of 5G in reshaping India’s economic landscape and empowering its diverse communities.

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- How 5G can Empower Bharat Railways
- How 5G Can Empower Banking, Financial Services and Insurance.

Author

Buddha Chandrasekhar

Dr. Buddha Chandrasekhar

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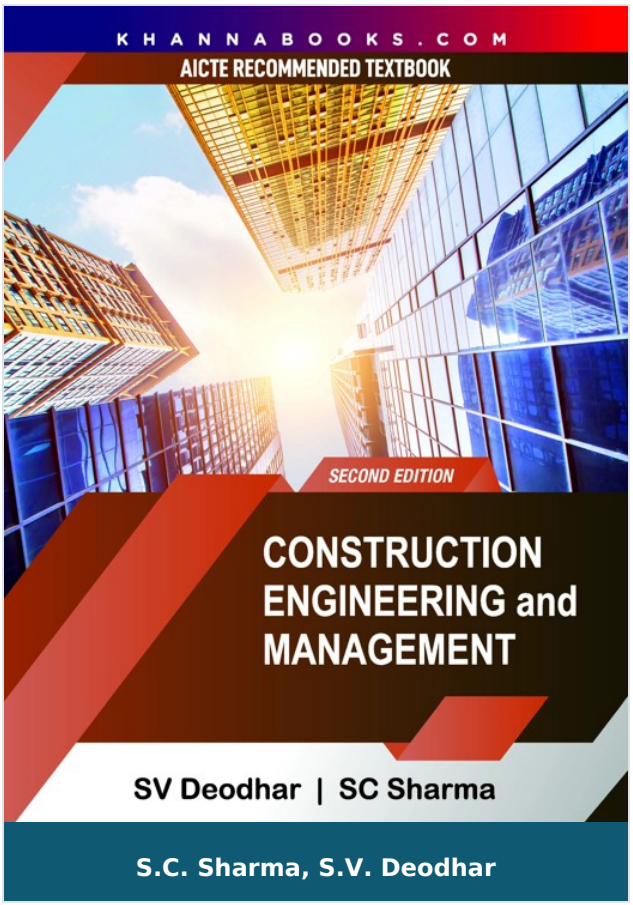

Construction Engineering and Management

Author :	S.C. Sharma, S.V. Deodhar
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Product Description

This book cover the syllabi of Contraction Engineering for Degree as well as Diploma students and is also useful for practicing engineers.

Construction covers varies forms of activities ranging from houses to high rise buildings, industrial structures, road construction, expressways, bridge, dams barrages, runways, ports, canals, railways etc. These high value projects involve management of materials, equipment human and financial resources, information system, control management etc.

In today's modern technology projects, there is need for detailed planning and management techniques, and with the growing use of machinery, it has become necessary for construction engineers to be thoroughly familiar with the working application and upkeep of the wide range of the modern equipment.

Understanding the basic needs of academia and industry requirements, this book is divided in to 16 chapters namely.

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- Prefabricated Structures,
- Management of Demolition Works,
- Construction Equipment Basics,
- Earth Moving Equipment,
- Hauling (Transportation) Equipment,
- Concreting Equipment,
- Pumping and Dewatering Equipment,
- Hoisting Equipment (Lifting and Elevating Equipments, and Cranes.

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

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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.

S.V. Deodhar

S.V. Deodhar

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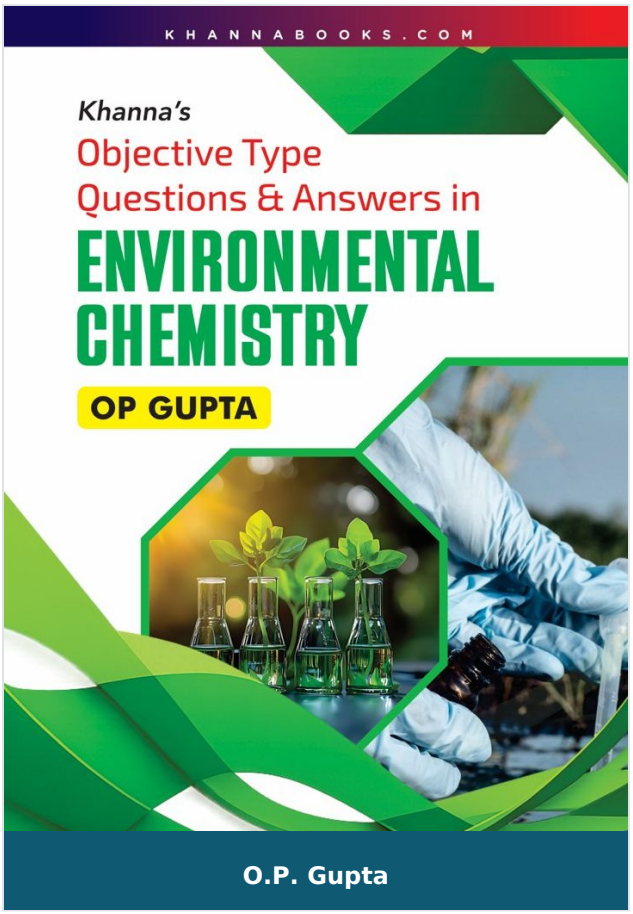

Khanna's Objective Type Questions & Answers in Environmental Chemistry

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Product Description

Khanna's Objective Type Questions & Answers in Environmental Chemistry

Objective Type Questions & Answers in Environmental Chemistry by O.P. Gupta is comprehensive academic resource designed to provide a structured and evaluative approach to the study of environmental sciences. Published by Khanna book Publishing, this 2025 edition serves as a vital tool for students and professionals navigating the complexities of atmospheric, aquatic, and terrestrial chemistry. The book is meticulously divided into three primary sections: a rigorous collection of objective-type questions with answers, detailed short-answers questions that explore fundamental mechanisms, and an extensive glossary of technical terms to ensure conceptual clarity.

The core theme revolves around the chemical phenomena occurring in the environment and the impact of human activities on natural cycles. Its primary purpose is to aid readers in mastering the syllabus of various competitive and professional examinations. The target audience includes undergraduate and postgraduate engineering and science students, as well as candidates preparing for associate membership examinations like AMIE, AMIM, and AMIIChE. By blending theoretical depth with a question-and-answer format, the boof offers immense practical value for exam preparation and professional reference, maintaining a tone that is both intellectually stimulating and accessible.

Salient Features:

- **Examination-Oriented Structure**: The book is strategically organized into objective questions, short-answer explanations, and a glossary, specifically tailored to meet the curriculum requirements of engineering and science degree programs.
- **Atmospheric Chemistry Insights**: It provides in-depth coverage of atmospheric layers, ozone depletion mechanisms, and the chemistry of greenhouse gases like CO, and CHCs to explain global warming.

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- **Aquatic Ecosystem Analysis**: Detailed sections Explore water pollution, eutrophication, and the “oxygen sag curve,” offering readers a clear understanding of how pollutants effect dissolved oxygen and aquatic life.
- **Waste Management Solutions**: the text covers practical methodologies for managing solid and hazardous wastes, including sanitary landfills, composting, and the “Extended producer’s Responsibility” (EPR) for plastic waste.
- **Pollution Control Technologies**: It discusses industrial and domestic pollution mitigation, featuring methods such as cooling towers for thermal pollution and secondary/tertiary treatments for wastewater.
- **Biogeochemical Cycle Expertise**: Readers gain a fundamental understanding of natural processes like the water cycle and carbon cycle, and how human interference leads to environmental degradation.

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- Glossary

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.

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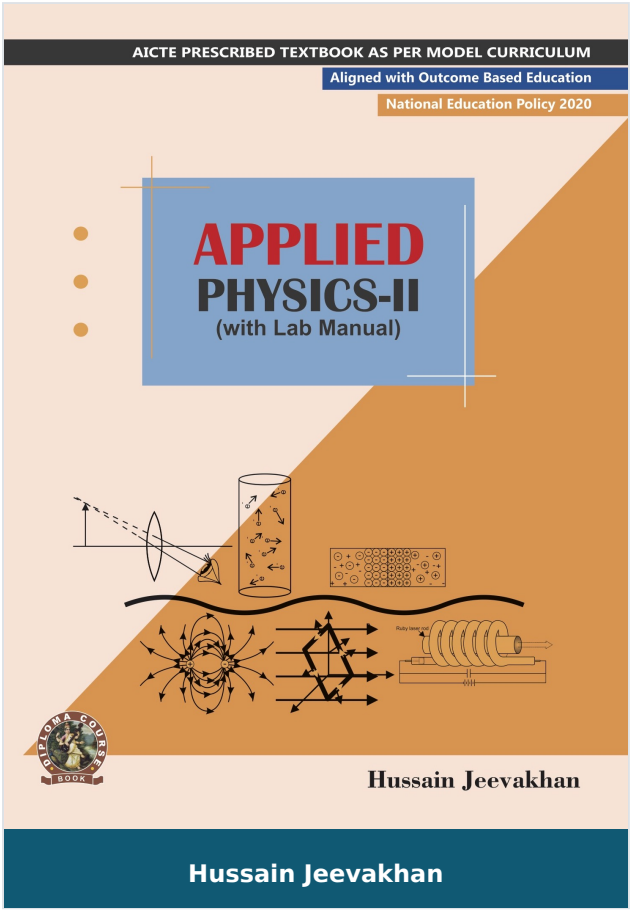

Applied Physics II (with Lab Manual)

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Product Description

“Applied Physics-II” is a basic science course in the first year of the Diploma program in Engineering & Technology. Contents of this book are stringently aligned as per model curriculum of AICTE and incorporated with the concepts of outcomes-based education(OBE).

Book covers seven topics- Wave motion, Optics, Electrostatics, Current electricity, Electromagnetism, semiconductor physics and Modern physics. Each topic and its subtopics are written from the perspective of a student’s learning and in accord with the NEP 2020 guidelines. Every unit comprises a set of activities and exercise at the end to assist the student’s learning.

Some salient features of the book:

1. Unit Outcomes of each unit are mapped with Course Outcomes and Programs Outcomes.

2. Book Provides relevant interesting facts, QR Code for E-resources and use of ICT and suggested micro projects activities in each unit.

3. Content presented in book in chronological way.

4. Figures, tables and equations are given to improve clarity of the topics.

5. Solved examples are given with systematic steps.

6. MCQ’s, short and long answer questions and unsolved problems of understanding and above levels (Bloom’s Taxonomy) are given for learning reinforcement of students and as per OBE.

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Author

Hussain Jeevakhan

Hussain Jeevakhan-789391505578(DIP126EN) “Applied Physics-ll” is a basic science course in the first year of the Diploma program in Engineering & Technology. Contents of this book are stringently aligned as per model curriculum of AICTE and incorporated with the concepts of outcomes-based education(OBE). Book covers seven topics- Wave

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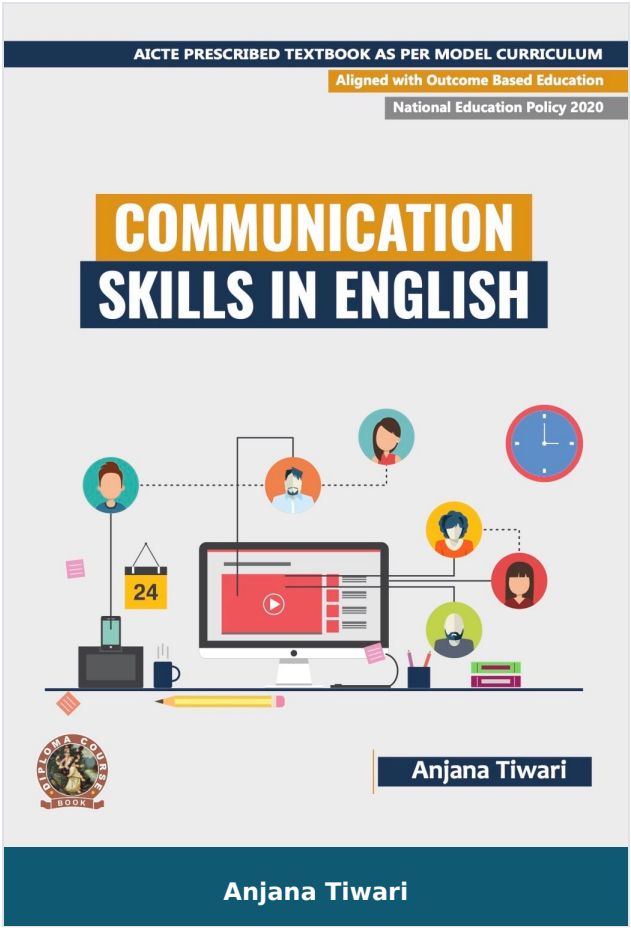

Communication Skills in English

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Product Description

“Communication Skills in English” is a basic book that can provided a foundation for further study in the field of English language, literature, grammar and its usage. It will benefit students who are learning the essentials at the Diploma level and those who wish to review the concepts previously learned. The premise of this book is to understand English language and its practice thus enabling us to use it more effectively. This skill can enhance personal communication, college/university work finally percolating down to professional lives. Therefore, the present book will be useful for advanced level students who face difficulty with grammar and need a book for reference and practice. In writing this book, I have drawn on many years of my expertise in teaching, research, and writing. I Have taught the English language in a range of institutions and to multiple age groups at different levels: at a college of further education, and universities. Therefore, this book in front of you is a systematic account of grammatical forms and the way they are used in standard British English today. The emphasis is on the meanings and how the govern the choice of grammatical patterns. The book is thorough in its coverage but also pays attention to the points that are of importance to the intermediate and advanced learners of English, and to their teachers. It would be equally suitable for quick reference to details and the more leisured study of grammar topics.

A useful feature of the book is the inclusion of example text and conversations, many of them authentic, to show how grammar is used in connected writing and speech. Study the rules, review the examples, and look for more examples of good writing in newspapers, magazines, and other available sources on the internet. Complete the exercises to practice what you have learned, but also remember to apply the rules whenever you speak and write. There are writing test exercises for assessing the reader’s progress. Although every effort has been made to make the book as useful and accurate as possible but if students of teachers have any comments, criticisms, or suggestions I

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would be very pleased to hear from them. The more you use what's written in this book, the better you would be able to apply it in real life. In the end, you will be a better and more effective speaker and writer. You're on your way—good luck!

Some salient features of the book:

1. This book is designed to help the reader's master the basics of English grammar that they need to succeed in their studies. Best of all, when students understand the underpinnings of English language, learning will be fun – as it should be. This book has multiple purposes. It is primarily designed as a course book for Diploma students, but b it has also been adapted to the needs of the teachers who are interested in exploring a new approach to grammar, communication skills, and English literature, or of any person keen to catch up with a subject so wretchedly neglected by our education system. That is why a part of this book is devoted to the correction of preconceptions.
2. This book has been arranged into five units for a total of five chapters.
3. Each chapter ends with a series of review exercises. These help you reinforce what you have learned during the courses of a particular chapter. The exercise include tests like MCQs or multiple-choice questions, true-false, and completion of sentences.

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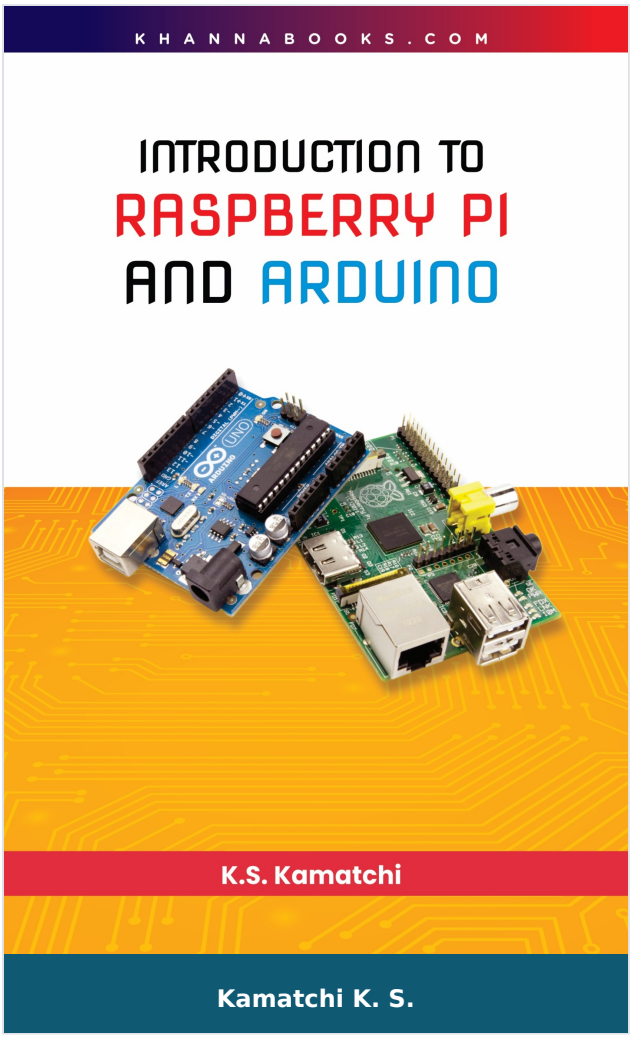

Introduction to Raspberry Pi and Arduino

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Product Description

"Introduction to Raspberry Pi and Arduino" is a comprehensive, practical guide designed to launch aspiring engineers, students, and hobbyists into the dynamic world of the Internet of Things (IoT), embedded systems, and electronics. Recognizing that modern IoT innovation rests upon versatile prototyping tools, this book provides focused, hands-on instruction for the two most popular platforms: Arduino and Raspberry Pi.

The core purpose of this text is to bridge the gap between theoretical electronic concepts and the tangible creation of smart devices. The journey begins by laying the groundwork, introducing the essential components of any IoT ecosystem, such as sensors and actuators. The book then systematically separates the platforms: Arduino is utilized for building interactive and rapid-prototyping applications, while the more powerful Raspberry Pi is leveraged for creating complex, networked, and web-connected projects. Readers will learn to integrate Wi-Fi supported modules like the ESP 8266, manage cloud communication (e.g., Thing Speak, Blynk), and design full-scale home automation systems that combine both microcontrollers.

With its academic yet friendly tone and chapters structured around hands-on examples, this resource guarantees that by the end, you will be equipped with the necessary knowledge and practical skills to create your own innovative IoT solutions, moving from the simplest to the most sophisticated systems. This book is your essential gateway to becoming a builder in the digital age.

Salient Features:

• Dual Platform Focus: Dedicated, practical coverage of both Arduino (for interactive prototyping) and Raspberry Pi (for complex, networked systems), providing versatile skills for any DIY electronics project.

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• Core IoT Components: Detailed introduction to sensors and actuators and their roles in IoT systems, with practical guidance on interfacing various types of sensors (LDRs, DHT-22, etc.) for crucial data collection.

• Hands-on Projects: Every chapter provides hands-on examples and step-by-step guides, enabling readers to follow along, experiment, and immediately build their own IoT applications for real-world problem-solving.

• Cloud Communication: Comprehensive coverage of IoT integration and cloud connectivity, including using the ESP 8266 Wi-Fi module and platforms like ThingSpeak and Blynk for remote data monitoring.

• Web-Connected Control: Teaches how to leverage the Raspberry Pi's potential for web-connected projects, covering key concepts like setting up a LAMP Web-server and controlling GPIO pins over a web browser.

• Visual Programming: Includes exploration of the Node-RED Visual Editor, which simplifies home automation and IoT design using a flow-based programming model to connect hardware, APIs, and online services.

• Integrated Automation: Explains the design and implementation of home automation systems that leverage both platforms, covering communication protocols like MQTT and providing blueprints for smart devices and solutions.

• Code Practicality: Provides executable code and programming guidance in both C/C++ (for Arduino sketches) and Python (for Raspberry Pi GPIO and networking), preparing the reader for full-stack embedded development.

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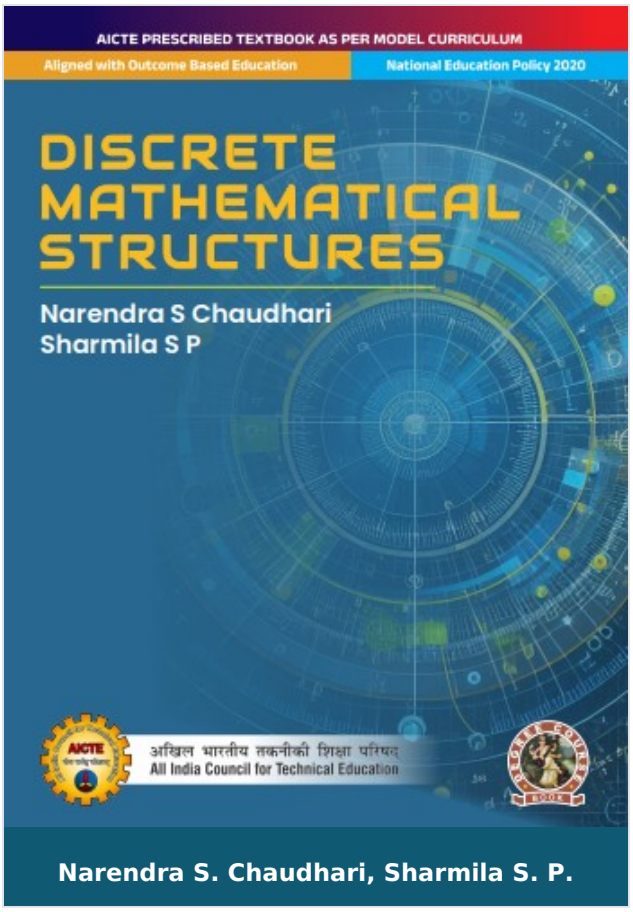

Discrete Mathematical Structures

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Product Description

Discrete Mathematical Structures

Discrete Mathematical Structures is a fundamental subject for engineering students of Computer Science and Information Technology domain, to provide a foundation for logical and analytical thinking. The primary target is on application of discrete structures on emerging technology in CSE by solving engineering problems in professional life. Supplementary information provided to ignite the young minds and motivate in a systematic way.

Salient features:

- Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes and Unit 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 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.

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