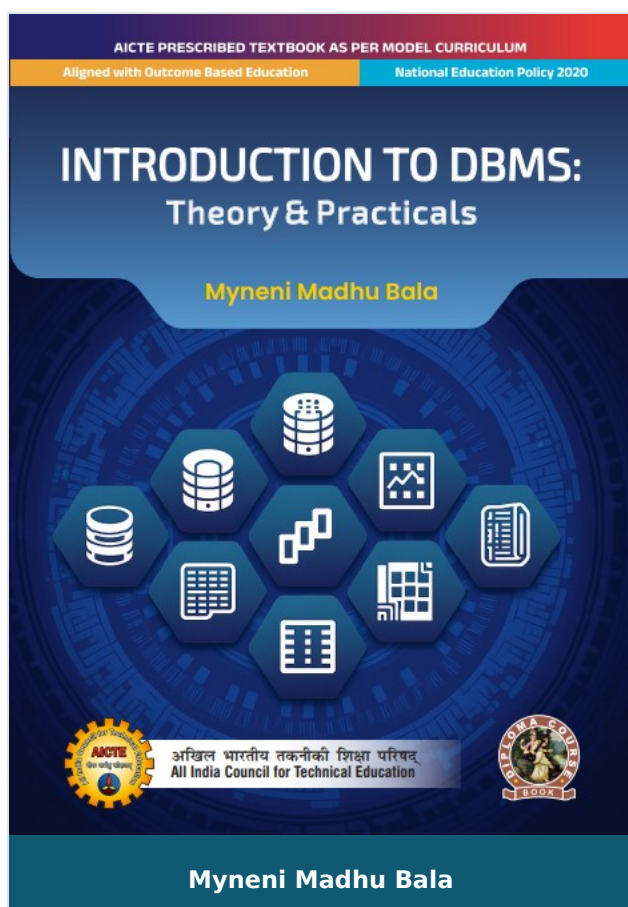




Introduction to DBMS: Theory & Practicals

Author : Myneni Madhu Bala

ISBN 13 : 978-93-55388-65-0

ISBN 10 : 9355388659

E-ISBN 13 : 978-93-55388-65-0

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Publisher : Khanna Publishing House

M.R.P : Rs 392.00

Categories : [AICTE Prescribed Textbooks,](#)
[English Books, Book Store](#)

Condition Type : New

Country Origin : India

Product Description

Introduction to DBMS: Theory & Practicals

Databases are an important branch of computer science that essentially deals with information and data and their effect on information retrieval and decision-making. Due to modern civilization, database, systems play a significant role in all our daily activities by purchases through e-commerce sites like flipkart and amazon, and reservation of booking of hotel, rail, bus, or airline.

The focus of this book is the foundation of database operations along with orientation on daily activities linked with DB queries and case studies on real-time applications.

Undoubtedly, this book stimulates ideas for using database queries to examine how a system operates and helps in making decisions.

Features included are:

- Outcome of each unit mentioned and mapped with course outcomes, which is in line with content.
- Provides extended and e-learning resources through web links and QR codes.
- Assessment methods and related sample questions at all levels are provided at the end of each unit.
- Case studies with real-time applications are discussed
- Open-source software (MySQL) and further learning material are provided for learning and practice online.

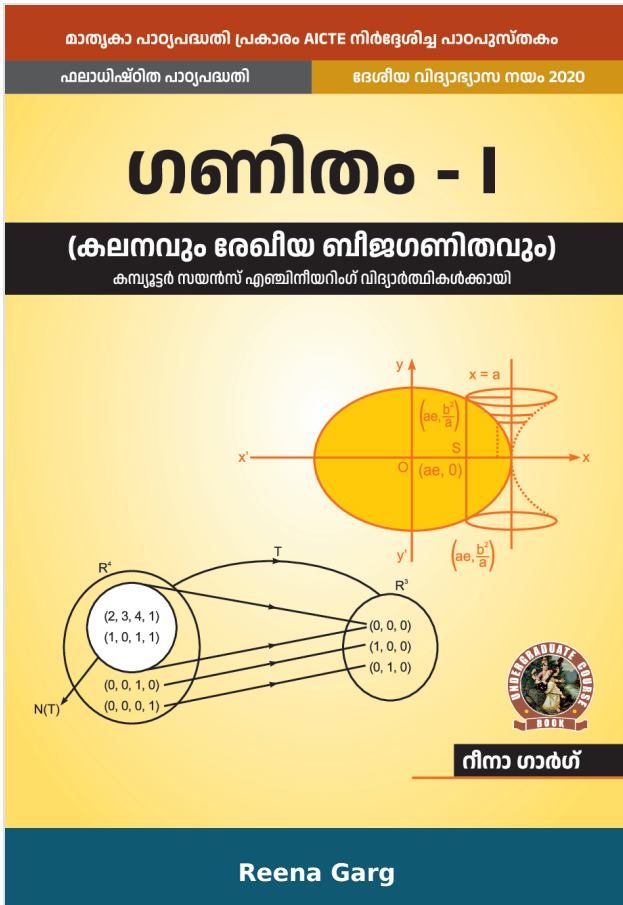
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- Data modeling
- Relational model and formal query languages
- Structured query language (SQL)
- Functional dependencies and normalization for databases
- References For Further Learning
- CO And PO Attainment Table
- Index

Author

Myneni Madhu Bala

Dr. Myneni Madhu Bala Professor, Department of Computer Science Engineering, Institute of Aeronautical Engineering , Telangana



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

Author :	Reena Garg
ISBN 13 :	978-93-55381-78-1
ISBN 10 :	9355381786
E-ISBN 13 :	978-93-55381-78-1
Edition :	1
Pages :	508
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 295.00
Categories :	AICTE Prescribed Textbooks, Book Store, Ebooks, Malayalam Books
Condition Type :	New
Country Origin :	India

Product Description

Calculus and Linear Algebra cover all the modules prescribed by AICTE model curriculum to all the 1st year CSE students studying in engineering institutions and universities of the country. It serves as both text book /or useful reference work. It contains 5 units which included calculus, Algebra and vector spaces along with their applications. This renowned and well respected title provides in one handy volume with the essential mathematical tools that help in understanding the subject and problem solving techniques with many real life engineering applications. As per trademark of AICTE. This book is in student's friendly style, author has endeavored enormous efforts in providing numerous solved examples and exercise under each topic to facilitate better understanding of the concepts to the students. Majority of questions in this book have been designed to access the reader's understanding of the subject professionals or those who are preparing for competitive examinations will also find this book very useful. This book will give the students a complete grasp of the mathematical skills that are needed by engineers all over the country.

Some Salient Features of the Book:

1. In depth coverage of all related, essential and mentioned topics as per AICTE in simple presentation with clarity and accuracy.
2. Emphasis on the applications of concepts and theorems.
3. Core concepts are presented through a large number of solved graded model examples in an innovative and lucid manner.
4. A good number of relatively competitive problems are given at the end of each unit in the form of short questions, HOTS, assignments, MCQs and know more for student's practices purpose. Practical /Projects/ Activity also given in each unit for enhancing the student's capability, to increase the feeling of team work.

5. To clarify the subject, the text has been supplemented through Notes, Observations and Remarks; an attempt has been made to explain the topic through maximum use of geometries wherever possible.
6. Some standard problems with sufficient hints have been included in each exercise to gauge the student's visual understanding and for grasp the theory.
7. Video links, interesting facts, uses of ICT also included after each topic in every unit for easy understanding of the readers. Also included the pictorial representations of many topics for fast and permanent grasping of the content.

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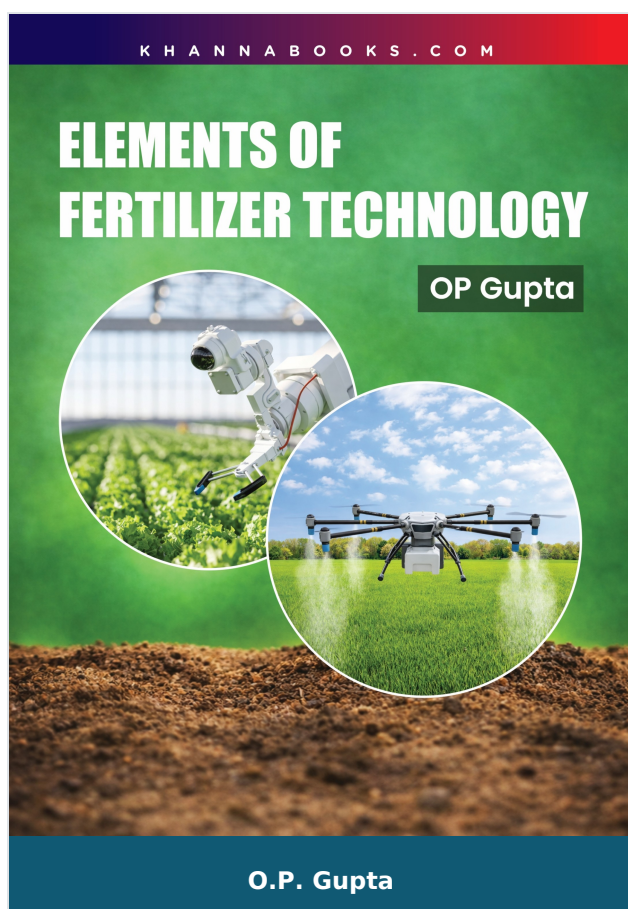
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- Acknowledgement
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- Guidelines for Teachers
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Author

Reena Garg

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

papers in various International Journals. She is a life-time member of Forum of Inter-disciplinary mathematics in India. She is a member of reviewer Board in IJRET, Bangalore.



Elements of Fertilizer Technology

Author : O.P. Gupta

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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

Elements of Fertilizer Technology

Authored by chemical engineer Om Prakash Gupta, this book is a comprehensive guide covering the entire fertilizer industry-from soil science to advanced manufacturing. It details the production of key fertilizers like Urea, Nitric Acid, and NPK blends, while addressing environmental challenges like pollution control. Designed for clarity, it is an essential resource for chemical engineering students, faculty, and industry professionals, combining theoretical knowledge with practical tools like objective-type questions.

Salient Features

- **Comprehensive Nutrient Analysis:** The book provides an in-depth exploration of primary, secondary, and micronutrients, detailing their specific roles in plant metabolism, growth, and disease resistance
- **Industrial Manufacturing Processes:** It offers technical insights into the production of nitrogenous, phosphatic, and potassic fertilizers, including detailed sections on ammonia synthesis and sulfuric acid manufacture
- **Complex NPK Formulation:** Readers gain a clear understanding of compound and complex fertilizers, including the chemistry behind NPK grades and various granulation techniques used in industrial production.
- **Environmental Stewardship:** A dedicated section focuses on environmental pollution control, covering air emission prevention, wastewater treatment, and the management of hazardous byproducts like fluorides and phosphogypsum.
- **Practical Application Strategies:** The text describes diverse fertilizer application methods-such as broadcasting, placement, and foliar treatment to help maximize nutrient use efficiency and minimize environmental runoff.

- **Sustainable Organic Perspectives:** Beyond synthetic chemicals, the book discusses organic manures and bio-fertilizers, highlighting their role in building soil organic matter and improving long-term soil fertility.
- **Assessment and Exam Prep:** To aid student learning. the book includes over 303 chapters cha of content supplemented by numerous objective and short-answer questions designed for competitive exam preparation.
- **Technical Glossary and References:** A robust glossary of industry terms and a factsheet on fertilizer application provide quick-reference value for both students and practicing engineers.

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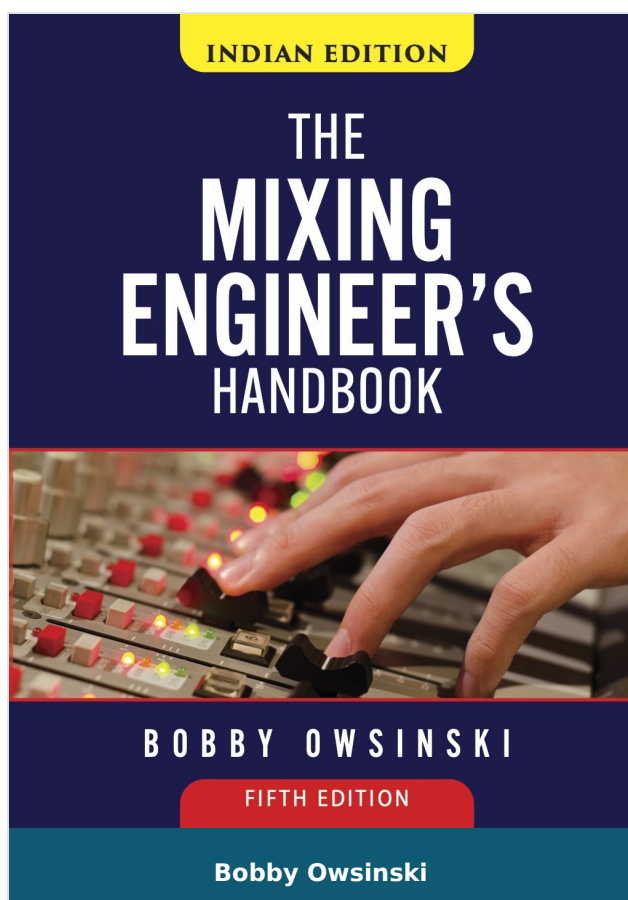
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- SECTION E
- : COMPOUND/COMPLEX/ NPK FERTILISER
- SECTION F
- : APPENDICES

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.



The Mixing Engineer's Handbook (Indian Edition)

Author :	Bobby Owsinski
ISBN 13 :	978-93-55389-15-2
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E-ISBN 13 :	978-93-55389-15-2
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Publisher :	Khanna Publishing House
M.R.P :	Rs 898.00
Categories :	Emerging Technologies, Book Store
Condition Type :	New
Country Origin :	India

Product Description

For more than two decades, The Mixing Engineer's Handbook has been the best selling and most respected resource in the art of music mixing for seasoned professionals and enthusiastic beginners alike. Today's home studio is just as powerful as any commercial Studio, but it's the techniques that the top mixers use that separate their work from what most musicians, songwriters or artists can produce without that knowledge. In the fully updated 5th edition of the Handbook, you'll find all the fundamentals and advanced techniques used by the pros to create the music you love.

Guaranteed to help you get a great mix regardless of your gear, environment or the kind of music you work on, you'll find your mixing chops better with each chapter.

Topics include

- . Three new mix build techniques for better balances and faster mixes
- . A new method for setting compressors to breathe with the pulse of the song for more punchy and powerful mixes
- . A look at the latest intelligent processor plugins designed to make the difficult tasks of mixing easier
- . Editing techniques with playlists in mind to make your mixes more streaming-ready
- . A totally new chapter on immersive audio including a primer for mixing in Dolby Atmos
- . Headphone mixing and room calibration technology tips and much more

The book also features new interviews with some of the most successful and celebrated audio mixers from all different music genres, as well as a bonus website with 12 additional interviews not found in the book.

Learn the art of mixing from start to finish, and pick up tips and techniques from the pros, with the Mixing Engineer's Handbook, Fifth Edition.

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- Bob Bullock
- Joe Ciccarelli
- Richard Chycki

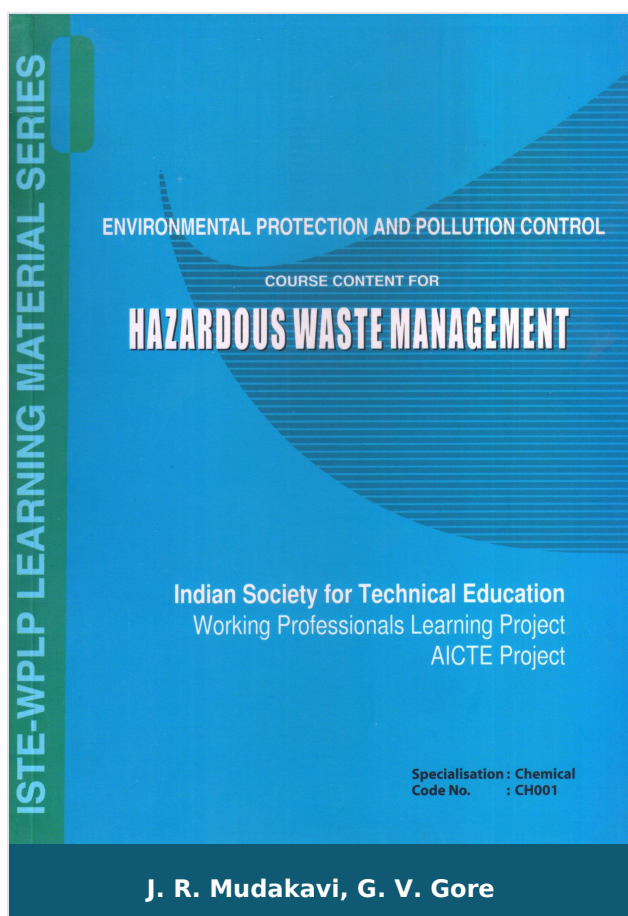
- Billy Decker
- D J Swivel (Jordan Young)
- Jimmy Douglass
- Benny Faccone
- Jon Gass
- Dan Korneff
- Andrew Maury
- Robert Orton
- Greg Penny
- Dave Pensado
- Elliot Scheiner
- Andrew Scheps
- Ken Scott
- Ed Seay
- Glossary
- About Bobby Owsinski

Author

Bobby Owsinski

Bobby Owsinski is one of the bestselling authors in the music industry with 24 books that are staples in audio recording, music and music business programs in colleges around the world, including the Mixing Engineer's Handbook, The Music Producer's Handbook, Music 4.0: A Survival Guide for Making Music in the Internet Age, and more. He's also a contributor to Forbes covering the new music business, his popular production and music industry blogs are over 8 million visits, and he's appeared on CNN and ABC News as a music branding and audio expert. Visit BobbyOwsinskiBlog.com, his music industry blog

at Music3Point0.com, his podcast at BobbyOlnnerCircle.com, and his website at BobbyOwsinski.com.



Hazardous Waste Management

Author : J. R. Mudakavi, G. V. Gore

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Year : 2006

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 499.00

Categories : [Chemical Engineering, Book Store, ISTE Series](#)

Condition Type : New

Country Origin : India

Product Description

Environmental control is basically concerned with providing clean air and water, Since 1950's this concern has expanded into a wide range of activities, needing to find long lasting solutions for problems of global implications. One such topic is, Hazardous Waste Management. Typical solution to this problem involves, Monitoring, Treatment, Safe handling and Development of Control Technology. Thus, a new breed of scientists and technologists capable of dealing with transport, management and disposal of hazardous wastes is the need of hour.

Hazardous Waste Management problems are essentially divided into Management of currently generated wastes and pre-existing dump sites. Both these options have created a demand for trained Professional and Technologists to assess, monitor, design and implement suitable techniques for Hazardous Waste and Control. This module aims to fulfill this need.

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- G. V. Gore
- G. V. Gore

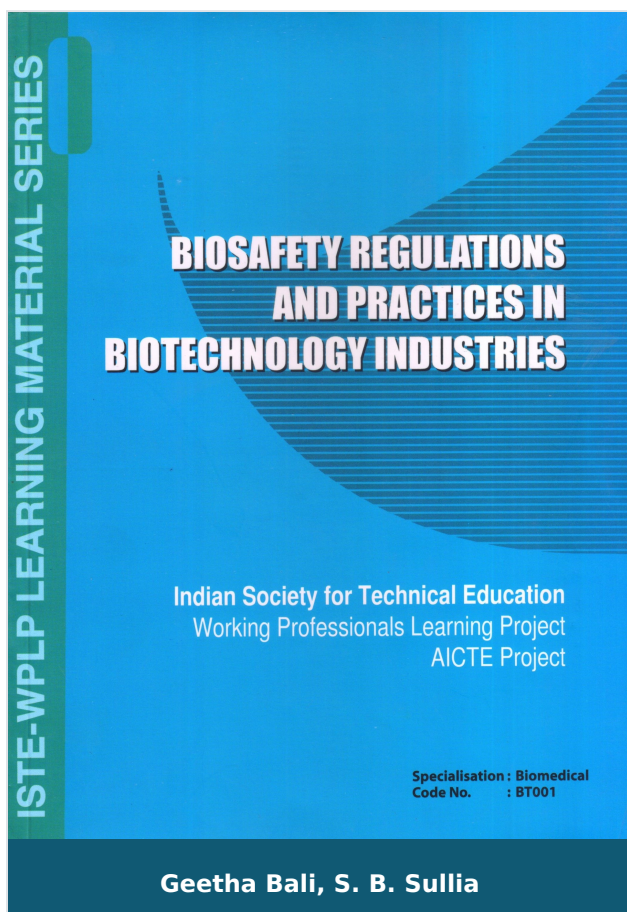
Author

J. R. Mudakavi

Dr. J. R. Mudukavi G. V. Gore

G. V. Gore

G. V. Gore



Biosafety Regulations And Practices In Biotechnology Industries

Author : Geetha Bali, S. B. Sullia

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Pages : 280

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Year : 2006

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 386.00

Categories : [Book Store, ISTE Series,](#)
[BIOMEDICAL & BIOTECHNOLOGY](#)

Condition Type : New

Country Origin : India

Product Description

Biotechnology is defined as 'The application of biological methods or processes, to produce products useful to mankind'. It often involves making molecular changes in living things for their better utilization. Plant breeders and fermentation experts have for centuries laboured to improve the crops and microorganisms such as yeasts and bacteria, that produce food and medicine. Plant Breeding and Fermentation Technology, in fact, long preceded the scientific knowledge of Genetics. Modern Biotechnology or Genetic Engineering is the technology that makes possible the transfer of genes (DNA) from one organism to another, thus allowing the recipient organism to express traits or characteristics normally associated only with the donor. The new characteristics that the recipients gain, will never easily come to them through natural processes of gene transfer that occur in nature. Thus the scope for Genetic Engineering is far greater than the conventional techniques employed prior to our understanding of DNA.

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- S. B. Sullia
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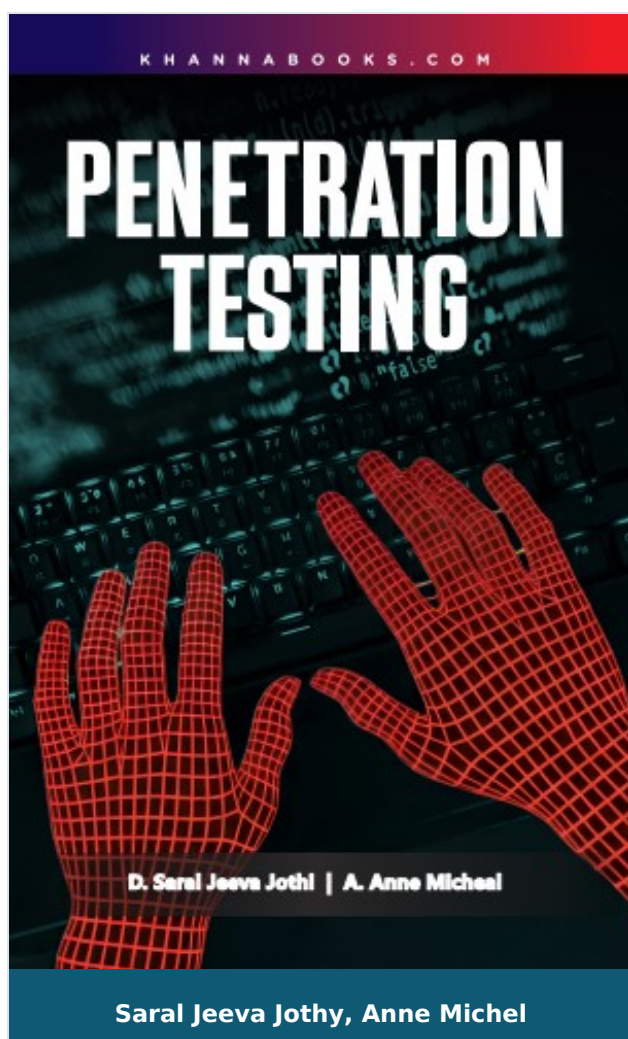
Author

Geetha Bali

FOREWORD PREFACE Chapter 1: An Overview of Recombinant DNA Technology (Part I: DNA Isolation and Ligation to Vectors) Chapter 2: An Overview of Recombinant DNA Technology (Part II: Transformation Techniques) Chapter 3: Analytical Techniques Used in Biotechnology and Biosafety Considerations Chapter 4: Biosafety practices for Laboratories Dealing with living GMOs OR NON-GM Natural Pathogens Chapter 5: Safety in the use of Hazardous Chemicals in Laboratories Chapter 6: Radioactive Waste Disposal Chapter 7: Genetically Modified Organisms (GMOs): Potential Hazards to Health and Environment Chapter 8: Environmental Risk Assessment Practices For GMOs Chapter 9: Environmental Risk Assessment Practices and Plan for Construction of Greenhouse for GM Plants Chapter 10: Biosafety Regulations Concerning the Movement of GMOs at the International Level Chapter 11: Biosafety Regulations in India for Handling and Release of GMOs and GM Seeds Chapter 12: The Drugs and Cosmetics Rules (1988) and the Drug Policy (2002) Chapter 13: Environment Protection ACT (EPA) and Hazard Analysis and Critical Control Points (HACCP) Chapter 14: Intellectual Property Right (IPR) Issues in Biotechnology Chapter 15: Bioethics: Ethical Issues in Biotechnology Review Questions References

S. B. Sullia

FOREWORD PREFACE Chapter 1: An Overview of Recombinant DNA Technology (Part I: DNA Isolation and Ligation to Vectors) Chapter 2: An Overview of Recombinant DNA Technology (Part II: Transformation Techniques) Chapter 3: Analytical Techniques Used in Biotechnology and Biosafety Considerations Chapter 4: Biosafety practices for Laboratories Dealing with living GMOs OR NON-GM Natural Pathogens Chapter 5: Safety in the use of Hazardous Chemicals in Laboratories Chapter 6: Radioactive Waste Disposal Chapter 7: Genetically Modified Organisms (GMOs): Potential Hazards to Health and Environment Chapter 8: Environmental Risk Assessment Practices For GMOs Chapter 9: Environmental Risk Assessment Practices and Plan for Construction of Greenhouse for GM Plants Chapter 10: Biosafety Regulations Concerning the Movement of GMOs at the International Level Chapter 11: Biosafety Regulations in India for Handling and Release of GMOs and GM Seeds Chapter 12: The Drugs and Cosmetics Rules (1988) and the Drug Policy (2002) Chapter 13: Environment Protection ACT (EPA) and Hazard Analysis and Critical Control Points (HACCP) Chapter 14: Intellectual Property Right (IPR) Issues in Biotechnology Chapter 15: Bioethics: Ethical Issues in Biotechnology Review Questions References



Penetration Testing

Author : Saral Jeeva Jothy, Anne Michel

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Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 148.00

Categories : [New Arrivals, Book Store,](#)
[Sathyabama Series](#)

Condition Type : New

Country Origin : India

Product Description

Penetration Testing

In today's digital age, where cyber threats are constantly evolving, Penetration Testing—often referred to as ethical hacking—is the most crucial practice for identifying and addressing security vulnerabilities.

Penetration Testing is designed to provide a comprehensive understanding of the field and its methodologies. This book offers a systematic approach to simulating cyberattacks on systems to uncover weaknesses before malicious hackers can exploit them. Readers will gain the theoretical knowledge and hands-on experience necessary to conduct effective security assessments in a controlled, ethical, and legal manner.

You will master the entire pen testing lifecycle: from initial reconnaissance and exploitation to post-exploitation and delivering a detailed, actionable report. By emphasizing practical skills and real-world tools, this resource prepares students and professionals alike to confidently secure systems and ensure compliance with critical industry regulations like PCI DSS, GDPR, and HIPAA.

Salient Features:

- **Foundational Knowledge:** Introduction to the basic principles of Cryptography, including detailed coverage of algorithms like AES, DES, RSA, and SHA.
- **Methodology Mastery:** In-depth discussion of the three major penetration testing approaches: Black Box, White Box, and Grey Box, and when to choose each method.
- **Five-Phase Process:** Step-by-step guidance through the entire pen testing procedure, covering Planning & Reconnaissance, Scanning, Gaining Access, Post-Exploitation, and Reporting.
- **OS & Network Exploitation:** Hands-on experience with Windows and Linux password hashes, exploitation in Internetworks, and testing Wireless Networks.

- **Industry-Standard Tools:** Practical application of essential tools and frameworks, including Nmap for scanning, the Metasploit Exploitation Framework, and Netcat for pivoting and remote connections.
- **Compliance and Ethics:** Comprehensive coverage of the Ethical and Legal Considerations required to conduct penetration tests responsibly, ensuring tests adhere to governance frameworks.
- **Actionable Reporting:** Detailed structure and components of a professional Penetration Testing Report, including the Executive Summary, Risk Assessment, and clear, prioritized Recommendations for remediation.

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- Preface
- Introduction to Penetration Testing
- Penetration Testing Methodologies
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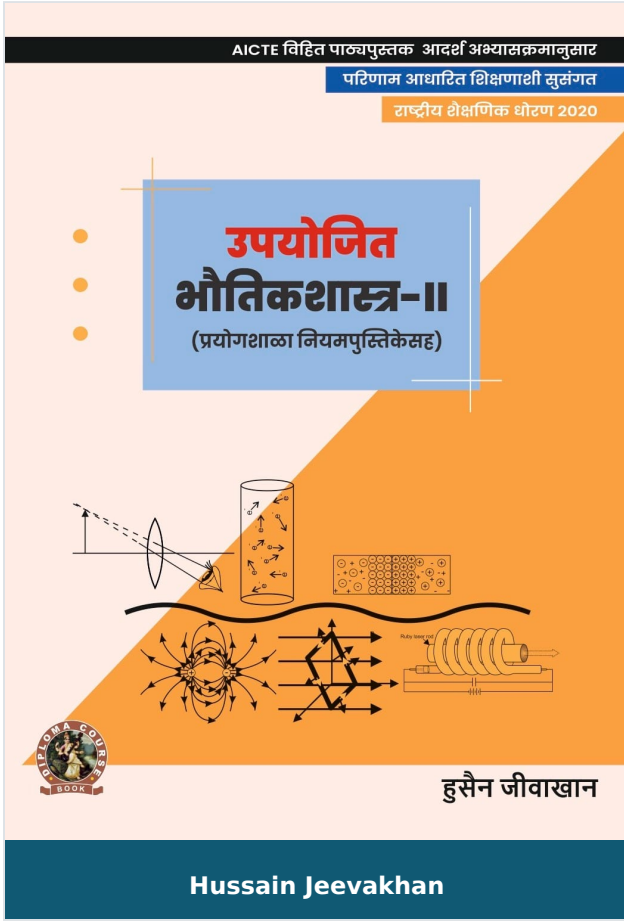
Author

Saral Jeeva Jothy

Saral Jeeva Jothy

Anne Michel

Anne Michel,



Applied Physics-II (with Lab Manual)

Author : Hussain Jeevakhan

ISBN 13 : 978-93-55380-28-9

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Edition : First

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M.R.P : Rs 395.00

Categories : [AICTE Prescribed Textbooks,](#)
[Marathi Books, Book Store,](#)
[Ebooks](#)

Condition Type : New

Country Origin : India

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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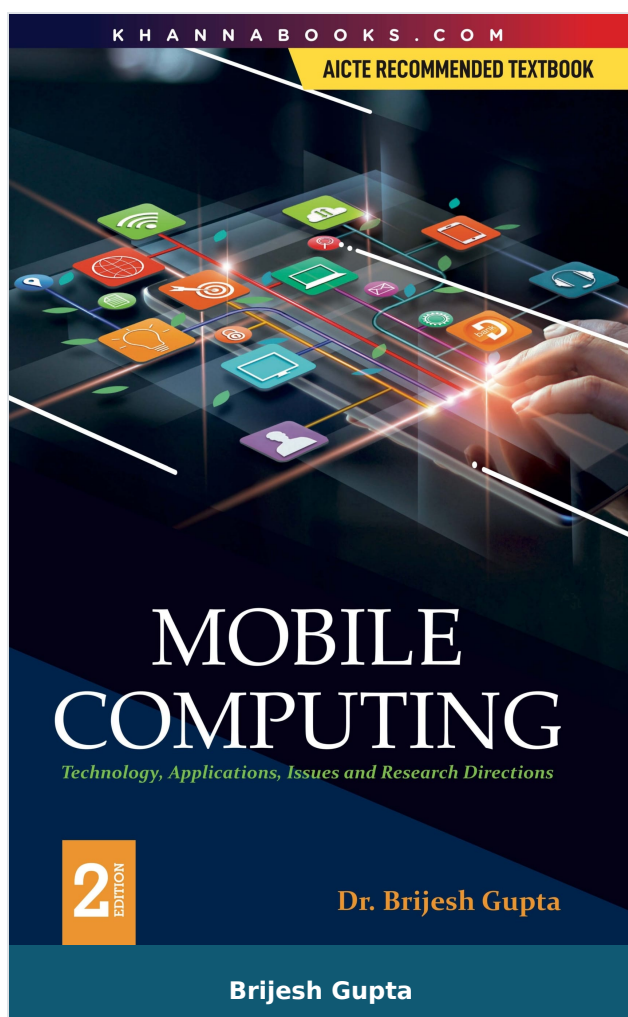
- Foreword,
- Acknowledgement,
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- Outcome Based Educations,
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- Abbreviations and Symbols,
- List of Figures,
- Guidelines for Teachers,
- Guidelines for Students
- Wave Motion and its applications
- Optics
- Electrostatics
- Current Electricity
- Electromagnetism
- Semiconductor physics
- Modern physics
- Index

Author

Hussain Jeevakhan

Hussain Jeevakhan-789391505578(DIP126EN) “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: | Unit Outcomes of each unit are mapped with Course Outcomes and Programs Outcomes. | Book Provides relevant interesting facts, QR Code for E-resources and use of ICT and suggested micro projects activities in each unit. | Content presented in book in chronological way. | Figures, tables and equations are given to improve clarity of the topics. | Solved examples are given with systematic steps. | 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.



Mobile Computing

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

Product Description

Mobile computing is rapidly becoming a way of life. This is the fastest emerging field, which has created a need for new techniques and solutions. To fulfill need of the hour, this book is designed for graduate and postgraduate students in B. Tech. computer science & Information Technology, computer applications, research scholars and for professionals.

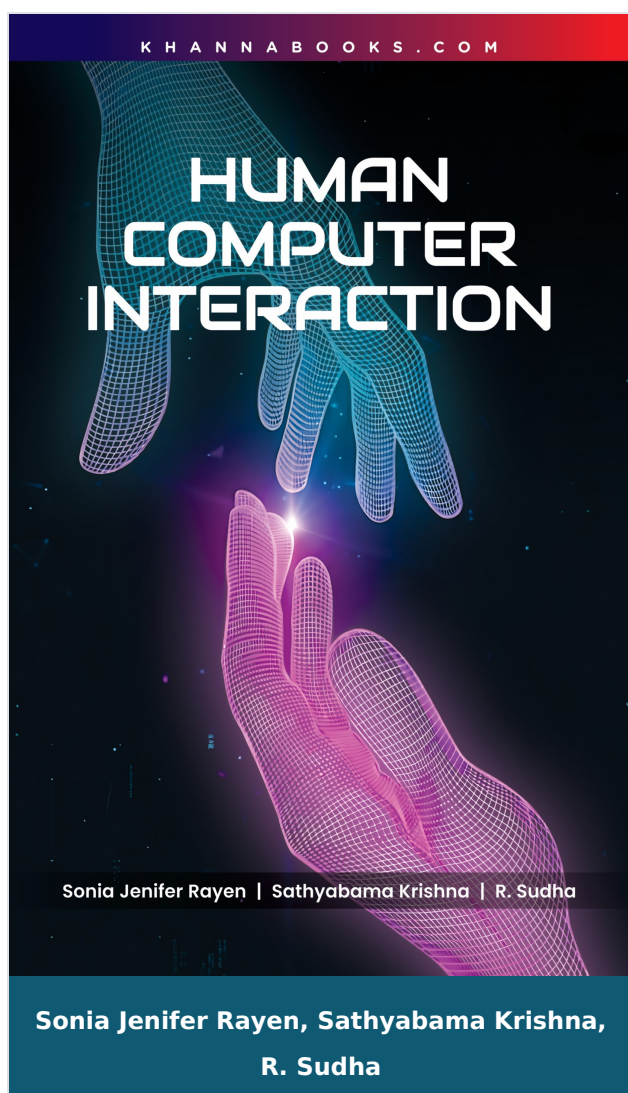
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- Mobile Data Management
- Location Management
- Transaction management
- AD Hoc Networks
- Question Bank

Author

Brijesh Gupta

Dr. Brijesh Gupta Dr. Brijesh Kr. Gupta is currently serving as Professor and Head n the Department of MCA at Galgotias College in Engineering & Technology, Greater Noida. He joined teaching Profession in 1991 after his Post Graduation. He has 22 years of teaching, research and administrative experience at various levels in Indian Education System. He served in Ministry of Defense, Govt. of India as a Civilian Officer. To carry out his research work in the area of High Speed Communications, he enrolled himself at Indian Institute of Technology-Roorkee, India in Jan., 1999. He has worked on two major research projects sponsored by U.G.C. New Delhi, and A.I.C.T.E., New-Delhi and completed them successfully. He has served in reputed technical institutes of U.P. Technical University (GBTU & MTU), Lucknow since 2003, after completing his Ph.D.



Human Computer Interaction

Author : Sonia Jenifer Rayen, Sathyabama Krishna, R. Sudha

ISBN 13 : 978-93-55389-21-3

ISBN 10 : 9355389213

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Edition : First

Pages : 168

Type of book : Physical

Year : 2026

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 248.00

Categories : [Computer Science Engineering,](#)
[New Arrivals, Book Store,](#)
[Sathyabama Series](#)

Condition Type : New

Country Origin : India

Product Description

Human-Computer Interaction (HCI) is a comprehensive and structured resource designed to explore the principles, methodologies, and evolving landscape of interaction between humans and computing systems. Recognizing the critical role of HCI in shaping modern digital experiences, this book focuses on creating technology that is accessible, efficient, intuitive, and user-centered. It examines not only the technical dimensions of interface design but also the cognitive, psychological, and social factors that influence how people interact with digital systems across diverse platforms and devices.

The book provides a balanced blend of theoretical foundations and practical applications, enabling readers to develop a deep understanding of user-centered design principles. Beginning with the fundamentals of HCI, it explores human sensory systems, memory, perception, cognition, and information processing before progressing to advanced topics in interaction design and usability engineering. Through systematic coverage of design methodologies and evaluation techniques, readers learn how to create interfaces that improve user satisfaction, efficiency, and accessibility.

A significant emphasis is placed on contemporary application domains, including mobile interfaces, web applications, and interactive systems. The text introduces established cognitive models such as GOMS (Goals, Operators, Methods, and Selection Rules), linguistic models, and cognitive architectures that assist in predicting user behavior and optimizing interface performance. It also examines socio-organizational considerations, stakeholder requirements, and collaborative design approaches essential for successful system development.

Designed for students, researchers, academics, and industry professionals, this book serves as a valuable guide for mastering interface design, usability evaluation, and user experience development. By integrating human factors, cognitive science, and practical

design methodologies, it equips readers with the knowledge and tools required to build effective, engaging, and user-friendly computing systems.

Salient Features:

- **Foundational Principles:** Introduces the core objectives of Human-Computer Interaction, including usability, human factors, user-centered design, and the interdisciplinary contributions of computer science and cognitive psychology.
- **Human System Analysis:** Explores human sensory and perceptual systems, including vision, hearing, touch, memory, cognition, and information-processing mechanisms that influence user interaction.
- **Interaction Design:** Covers the essential principles of creating intuitive and effective user interfaces, including navigation structures, screen layouts, interaction scenarios, and the role of HCI within the software development lifecycle.
- **Cognitive Models:** Provides detailed coverage of major theoretical frameworks such as GOMS (Goals, Operators, Methods, and Selection Rules), linguistic models, and cognitive architectures for analyzing and predicting user performance.
- **Socio-Technical View:** Examines socio-organizational aspects of system design, including stakeholder analysis, communication models, collaboration frameworks, and non-technical factors affecting technology adoption.
- **Mobile HCI Deep Dive:** Discusses the mobile ecosystem, mobile application frameworks, mobile web technologies, information architecture, and design challenges associated with modern mobile computing environments.
- **Web Interface Mastery:** Guides readers through user interface design best practices for web applications, including interface components, navigation structures, interaction techniques, and workflow optimization.
- **Practical Prototyping:** Covers iterative design and prototyping methodologies, including formative and summative evaluation techniques, storyboarding, animation-based prototypes, and limited-functionality simulations for interface

testing and refinement.

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- Models and Theories
- Modeling HCI
- Web Interface Design

Author

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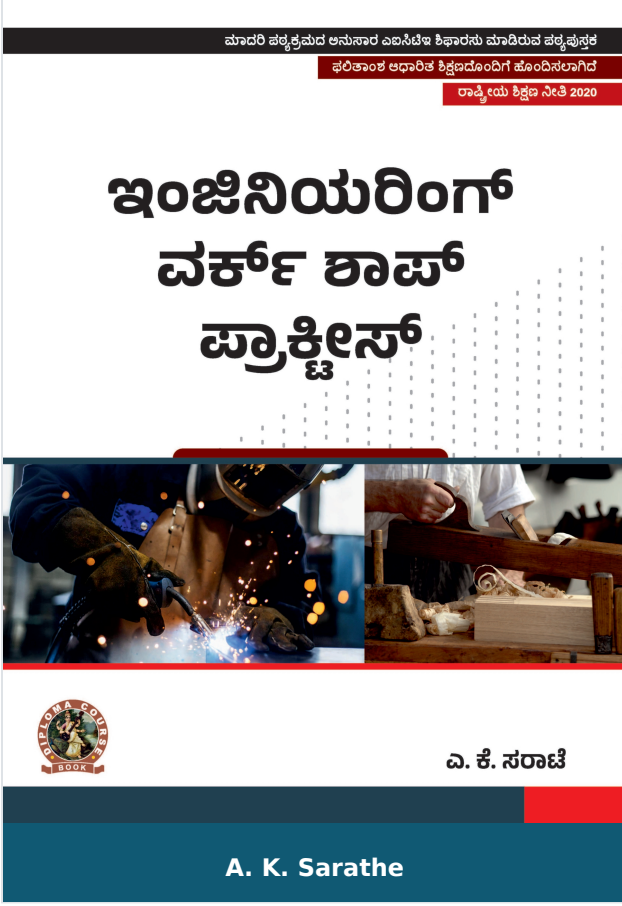
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Engineering Workshop Practice

Author : A. K. Sarathe

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Product Description

“ Engineering Workshop Practice Manual” is a common paper for the first year Diploma 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.

Engineering Workshop Practice manual covers five units- First unit deals with the carpentry, second unit is about fitting , third unit focuses on welding, fourth units discusses about sheet metal working and the fifth unit deals with electrical house wiring . The manual comprises of total seventeen workshop practical from P1 to P17 and the same are arranged in hierarchical manner from simple to complex so that students should not only focus on completing the practical and getting the marks/ grades but will also be motivated to create useful products incorporating their creative and critical thinking as well.

Some salient features of the book:

1. Content of the manual aligned with the mapping of Course Outcomes, Programs Outcomes and practical outcomes.
2. Relevant theory has been included at the beginning of each practical.
3. The manual has been developed to ensure alignment with the Outcome Based Education philosophy and consisting of total seventeen workshop practical.
4. Unit wise practical are arranged in hierarchical manner from simple to complex.
5. Manual provides recent information and QR Code for E-resources etc.
6. Figures, photographs and table are inserted to improve clarity of the content.

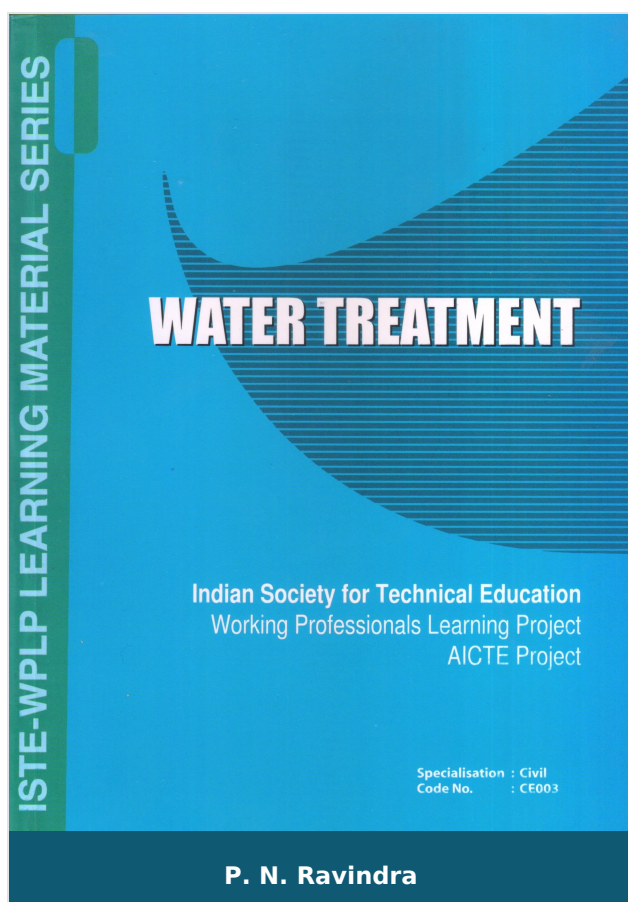
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Water Treatment

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Product Description

Water works engineers should be aware of the wider issues concerning the principles of wastewater treatment. This in turn requires not only good design engineering, but also better working knowledge of the system. In this context, this book will make a significant contribution for enhancing knowledge from basics to the advancement in the field of wastewater treatment.

This book written under working professionals learning project is with the intention of providing sufficient information and knowledge about the principles of wastewater treatment to the water works engineers. This book comprehensively deal with the basic of wastewater treatment, laying emphasis on current trends. To convey ideas and concepts more clearly, the book contains descriptive diagrams with suitable explanation. The book covers a broad spectrum of material dealing with wastewater treatment, as it is far more than just as update of the existing books on wastewater treatment, which includes the latest concepts and processes. This learning material will also be a useful reference book for planners, administrators, students and general readers. It will be of interest to wastewater treatment. One who reads this book systematically from chapter one will surely acquire an understanding on the concepts of wastewater treatment, including schemes of treatment.

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Author

P. N. Ravindra

Dr. P. N. Ravindra The author of this book is working as Assistant Executive Engineering for Bangalore Water Supply and Sewerage Board (BWSSB) and has more than 25 years of working experience in the field of water and wastewater treatment. He has written several books in water discipline and published several research papers. It is a matter of pride and privilege for the author to write a book for his fellow engineers, who can make this book worthwhile. He acknowledges the help he has received from Mr Narayana, Cheif

Engineer, (Retd), BWSSB in reviewing the material and also improving the quality of the book. Special thanks to Prof. NR Shetty, Chairman, Project Advisory Committee, ISTE-WPLP and Er AN Parameswaran, Project Officer and his staff, ISTE-WPLP, who have provided valuable suggestions and carried out the coordination in preparation of this material.