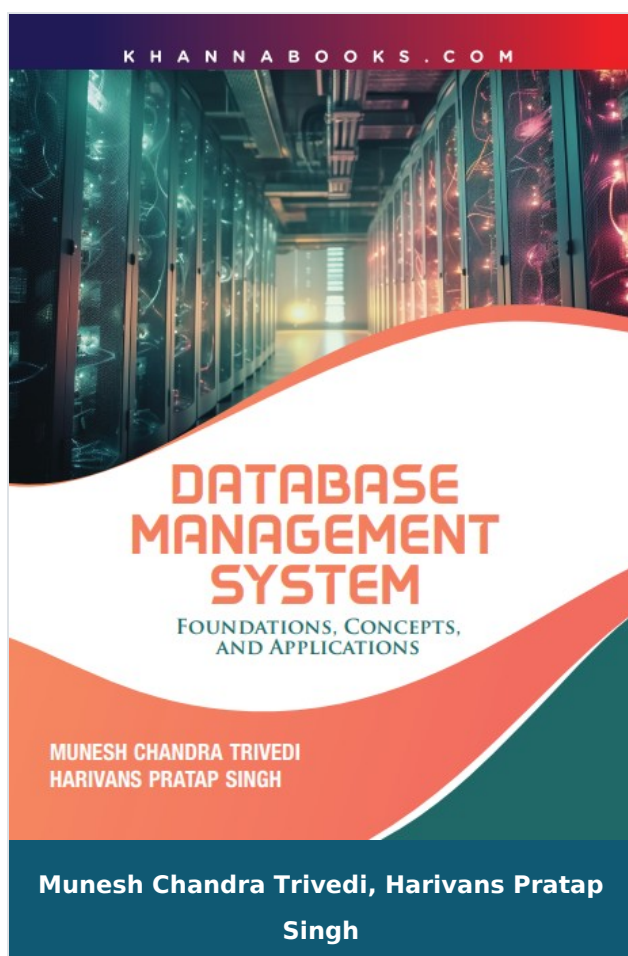




Database Management System(Foundations, Concepts, And Applications)

Author : Munesh Chandra Trivedi, Harivans Pratap Singh

ISBN 13 : 978-93-55387-84-4

ISBN 10 : 9355387849

E-ISBN 13 : 978-93-55387-84-4

Edition : 1

Pages : 180

Type of book : Physical

Year : 2026

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 398.00

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

Condition Type : New

Country Origin : India

Product Description

My Book of Database Management System” is a complete and structured guide to the principles and applications of DBMS, designed for a wide audience—from undergraduate students to professionals preparing for GATE, IT MNC interviews, and real-world data system design.

This book provides a deep, yet accessible exploration of database theory, architectures, query languages, transaction management, and modern trends in distributed and NoSQL systems. Aligned with the syllabi of leading engineering colleges and global universities, it combines academic precision with industry-relevant insight, making it ideal for both learning and long-term reference.

KEY FEATURES OF THE BOOK

- Comprehensive Coverage
- Conceptual Clarity with Practical Insight
- GATE and Interview Ready
- Hands-On Approach
- Step-By-Step Explanation of Core Topics
- Modern and Emerging Topics Included
- Visually Supported Learning
- Code-Level Understanding
- Academic and Industrial Blend
- Revision-Friendly Format
- Ethical and Secure Data Management

Table Of Contents

- INTRODUCTION
- ER MODEL
- INTRODUCTION TO RELATIONAL MODEL
- FUNCTIONAL DEPENDENCY
- NORMALIZATION

Author

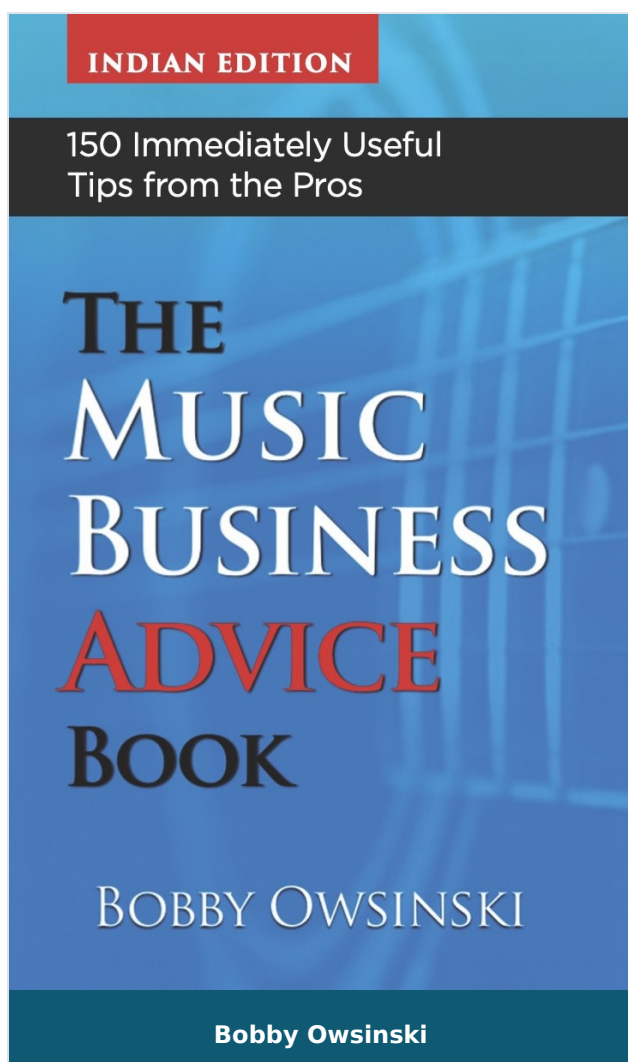
Munesh Chandra Trivedi

Dr. Munesh Chandra Trivedi has more than 20 years of experience in the field of computer science & Engineering and has worked in Prestigious Institutions. He has more than 10 years' experience in various administrative responsibilities e.g., Dean (academics), Head of Department, TEQIP-111 Coordinator, PG coordinator, EDC cell Coordinator. Currently working Tripura, India, and Associate Professor and HoD (IT), Rajkiya Engineering College, Azamgarh, up (state Govt Institution of UP) with the additional responsibility of Dean Academics of the institute & Associate Dean UG Programs, Dr. APJ Abdul Kalam Technical University, Lucknow (State Technical University). He was also the Director (In-charge) at Rajkiya Engineering College, Azamgarh. He had successfully filed 81 patents (65 National and 16 International Patents (Germany, South Africa, and Australia)), out of which 40 patents were granted. He has published 12 textbooks and 168 research papers in different International Journals and proceedings of repute. He has also edited 38 books for springer Nature. He successfully supervised 14 PhD students and received numerous awards, including the Young scientist Visiting Fellowship, Albert Einstein Research scientist Award, Best senior Faculty Award, Outstanding Scientist, Dronacharya Award, Author of the Year, and vigyan Ratan award from different national, as well as international forums. He has organized more than 32

international conferences technically sponsored by IEEE, ACM, AND Springer. Dr.

Harivans Pratap Singh

Dr. Harivans Pratap Singh continues to make significant contributions to research, innovation, and enterprise solutions on a global scale.



The Music Business Advice Book (Indian Edition)

Author :	Bobby Owsinski
ISBN 13 :	978-93-55383-90-7
ISBN 10 :	9355383907
E-ISBN 13 :	978-93-55383-90-7
Edition :	1
Pages :	298
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 486.00
Categories :	Emerging Technologies, Book Store
Condition Type :	New
Country Origin :	India

Product Description

The music business can prove to be a difficult career road when you're first starting out, but it can be traveled a lot easier with some helpful guidance from a pro who's willing to share a few hard-earned hints. The Music Advice Book is a compilation of the pearls of experience from 130 top music pros from various segments of the music industry who have previously shared their most important tips on Bobby Owsinski's inner Circle Podcast over the course of almost 5 years. These 150 awesome tips cover everything from following your passion, learning to network, and working well with your musical team, to owning your own content and even figuring out how much to charge for your services. Also included are even some useful music production words of wisdom, as well as the indispensable "10 Rules of Networking". These insights are essential for those new to the music industry but valuable to seasoned pros as well. The Music Business Advice Book provides tips on:

- . How to follow your passion without selling your soul
- . Learning to network and why it is critical to finding work
- . determining what you're worth and how to charge for it
- . developing the right attitude and why it's the big key to getting ahead
- . discovering the most crucial aspects of your music business
- . getting paid from both clients and companies
- . keeping ownership of your own content
- . and even some production gems of wisdom

Table Of Contents

- Tables of Contents
- Follow Your Passion
- Learn to Network
- Play Well with Others
- Educate Yourself
- Own Your Content
- Getting Paid
- Taking Care of Business
- Music Gems of Wisdom
- Addendum: The 10 Rules of Networking
- 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.



Environmental Science

Author :	Subrat Roy
ISBN 13 :	978-93-91505-65-3
ISBN 10 :	9391505651
E-ISBN 13 :	978-93-91505-65-3
Edition :	First
Pages :	120
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 295.00
Categories :	AICTE Prescribed Textbooks, English Books, Book Store, Ebooks, APPLIED SCIENCES & HUMANITIES
Condition Type :	New
Country Origin :	India

Product Description

“Environmental Science” is an audit course for the first year Diploma programme in Engineering & Technology. Syllabus of this book is strictly aligned as per model curriculum of AICTE, and academic content is amalgamated with the concept of outcome-based education.

Book covers four units- Ecosystem, Air and Noise Pollution, Renewable Sources of Energy and Solid waste management, ISO 14000 & Environmental Management, Every unit contains as set of exercise at the end of each unit to test the student’s comprehension.

Some salient features of the book:

1. Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes and Unit Outcomes.
2. Book provides lots of recent information, interesting facts, QR Code for E-resources, QR Code for use of ICT, projects, group discussion etc.
3. Student and teacher centric subject materials included in book with balanced and chronological manner.
4. Figures and tables are insert to improve clarity of the topics.
5. Objective questions, Short questions and long answer exercise given for practice of students after every unit.

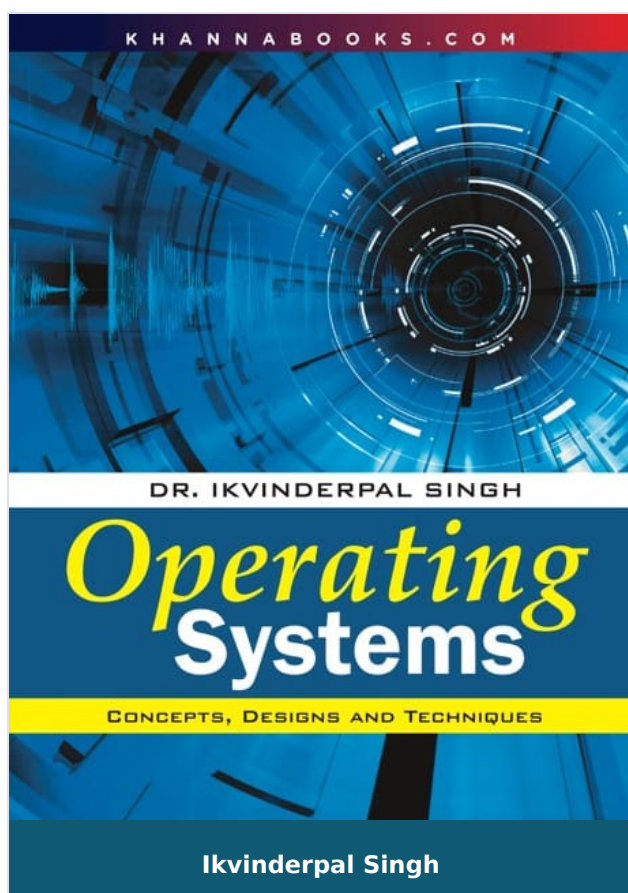
Table Of Contents

- Foreword,
- Acknowledgement,
- Preface,
- Outcome Based Educations,
- Course Outcomes,
- Abbreviations and symbols,
- List of Figures,
- Guidelines for Teachers,
- Guidelines for Students,
- Ecosystem
- Air and Noise pollution
- Renewable sources of Energy
- Soil waste Management, ISO 14000& Environmental management.
- Important Day Related to Environment
- CO and Po Attainment Table
- Index.

Author

Subrat Roy

Subrat Roy



Operating Systems

Author :	Ikvinderpal Singh
ISBN 13 :	978-93-81068-72-4
ISBN 10 :	9381068720
E-ISBN 13 :	978-93-81068-72-4
Edition :	1
Pages :	672
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 798.00
Categories :	Computer Science Engineering, Book Store
Condition Type :	New
Country Origin :	India

Product Description

Fundamental concepts are introduced in simple terms, Numerous examples are included to illustrate concepts and techniques. The sequence of topics is well planned to provide a seamless transition from design to implementation. With each chapter, the continuity of topics is excellent. The figures appropriately enhance and amplify the topics. Case studies are organized in a lucid manner. The exercises can be found at the end each chapter. Other sections are devoted to advanced topics, e.g. deadlock characterization, process synchronization and scheduling in multiprocessor systems, file sharing semantics, file system reliability and capabilities.

Table Of Contents

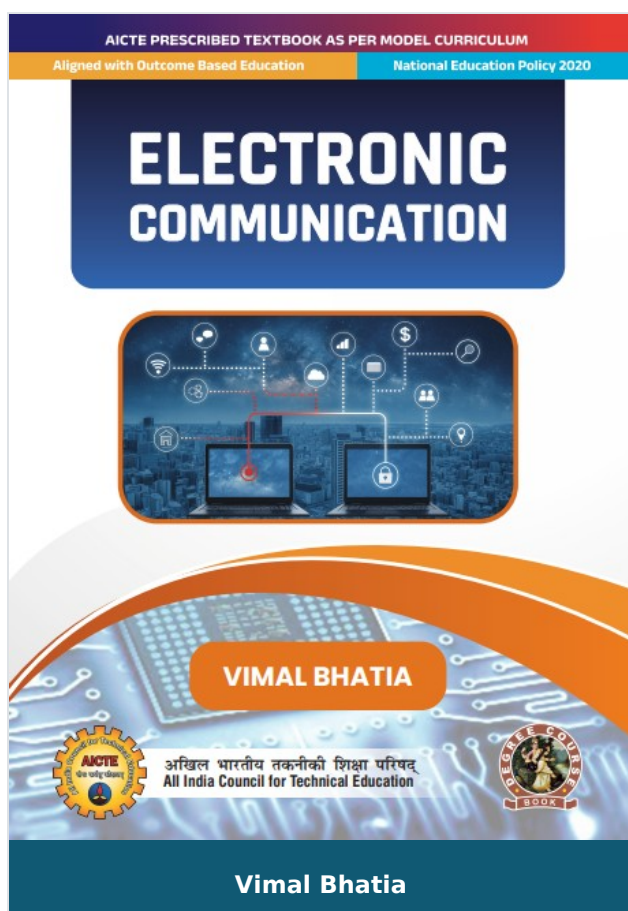
- Overview
- Computer System Structures
- Operating System Structures
- Process and Threads
- Process Scheduling
- Process Synchronization
- Deadlocks
- Memory Management
- Virtual Memory
- Input/Output and Device Management
- Disk Management
- File Management
- Protection And Security
- Distributed Systems
- Case Studies Of Unix And Windows NT

Author

Ikvinderpal Singh

Dr. Ikvinderpal Singh is an Assistant Professor at Trai Shatabdi Guru Gobind Singh Khalsa college Amritsar, bringing 17+ years of academic leadership and research experience to the field of computer science. A Gold Medalist in B.Sc. IT, with an MCA (Distinction) and a Ph.D. in Neural Networks and Image Processing, he is known for blending rigorous research with practical innovation. A prolific academic creator, he has authored 37 books, published 82+ research papers, and designed 100+ industry-aligned skill-development

courses. His expertise extends to doctoral evaluation, supervision, and active participation on 100+ editorial and review boards worldwide.



Electronic Communication

Author :	Vimal Bhatia
ISBN 13 :	978-93-55384-65-2
ISBN 10 :	9355384653
E-ISBN 13 :	978-93-55384-65-2
Edition :	First
Pages :	196
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 348.00
Categories :	AICTE Prescribed Textbooks, English Books, 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

Electronic Communication

This book familiarizes the students to different domains of electronics communication. Main purpose of this book is to help students and researchers to understand basics of electronics communication. The main content of this book is aligned with the model curriculum of AICTE followed by concept of outcome-based education as per National Education Policy (NEP) 2020.

Salient Features:

- Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes and Unit Outcomes.
- In start of each unit learning outcomes are listed to make the student understand what is expected out of him/her after completing that unit.
- Book provides lots of recent information, interesting facts, QR Code for E resources, QR Code for use of ICT, projects, group discussion etc.
- Student and teacher centric subject materials included in book with balanced and chronological manner.
- Figures, tables, and software screen shots are inserted to improve clarity of the topics.
- Apart from essential information a 'Know More' section is also provided in each unit to extend the learning beyond syllabus.
- Short questions, objective questions and long answer exercises are given for practice of students after every chapter.
- Solved and unsolved problems including numerical examples are solved with systematic steps

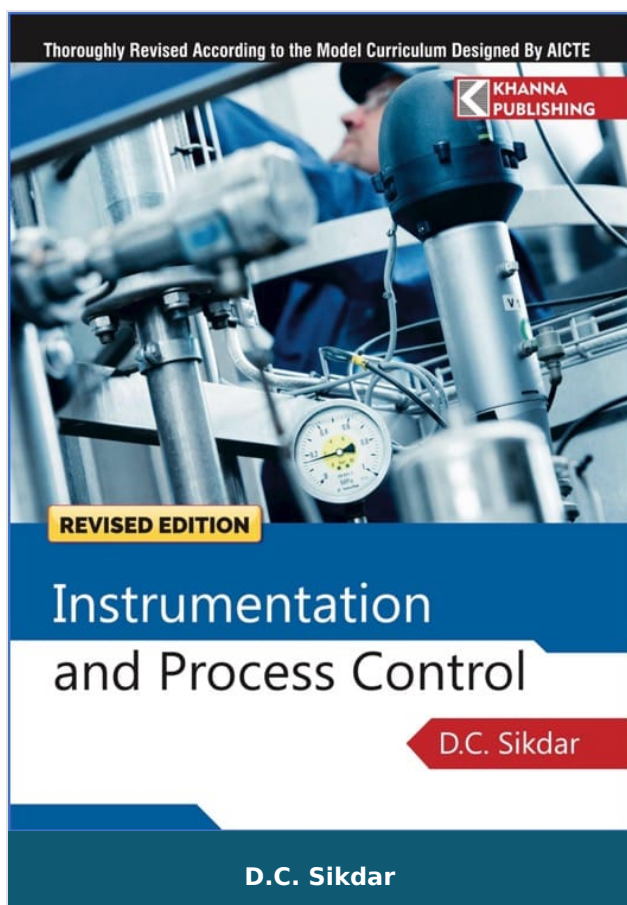
Table Of Contents

- Foreword
- Acknowledgement
- Preface
- Outcome Based Education
- Course Outcomes
- Guidelines for Teachers
- Guidelines for Students
- Abbreviations and Symbols
- List of Figures
- Analog modulation Techniques
- Noise
- Pulse Modulation
- Baseband receiver
- Passband digital Transmission
- Passband receiver
- Appendices
- Index

Author

Vimal Bhatia

Dr. Vimal Bhatia Professor, Department of Electrical Engineering, Indian Institute of Technology Indore



Instrumentation and Process Control

Author :	D.C. Sikdar
ISBN 13 :	978-93-82609-04-9
ISBN 10 :	9382609040
E-ISBN 13 :	978-93-82609-04-9
Edition :	1
Pages :	368
Type of book :	Physical
Year :	2022
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 399.00
Categories :	Chemical Engineering, UNIVERSITY RECOMMENDED, Chemical Engineeringg, 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 students friendly. It also demonstrates how to solve the industry related problems that crop up in Chemical Engineering Practice. The chapters are organized in a simple way that enables that students to acquire and in depth understanding of the subject. The emphasis is given to the fundamental of measuring instrument, Laplace Transform, Basic Concept of process control, first order and Second order system, Control of Industrial Bio-processes, Controller and Final control elements, Block diagram reduction techniques, Determination of Stability of a process, Advanced control techniques and control Structure of unit operations, all coming under the realm of Process Control. Apart from the numerous illustrations, the book contains review questions, exercises and aptitude test in chemical Engineering which bridge the gap between theoretical learning and practical implementation. All numerical problems are solved in a systematic manner to reinforce the understanding of the concepts.

This book is primarily intended as a textbook for the under graduate students of Chemical Engineering, It will also be useful for other allied branches such as Medical Electronics, Aeronautical Engineering, Polymer Science and Engineering, Bio-technology as well as diploma in Chemical Engineering.

Table Of Contents

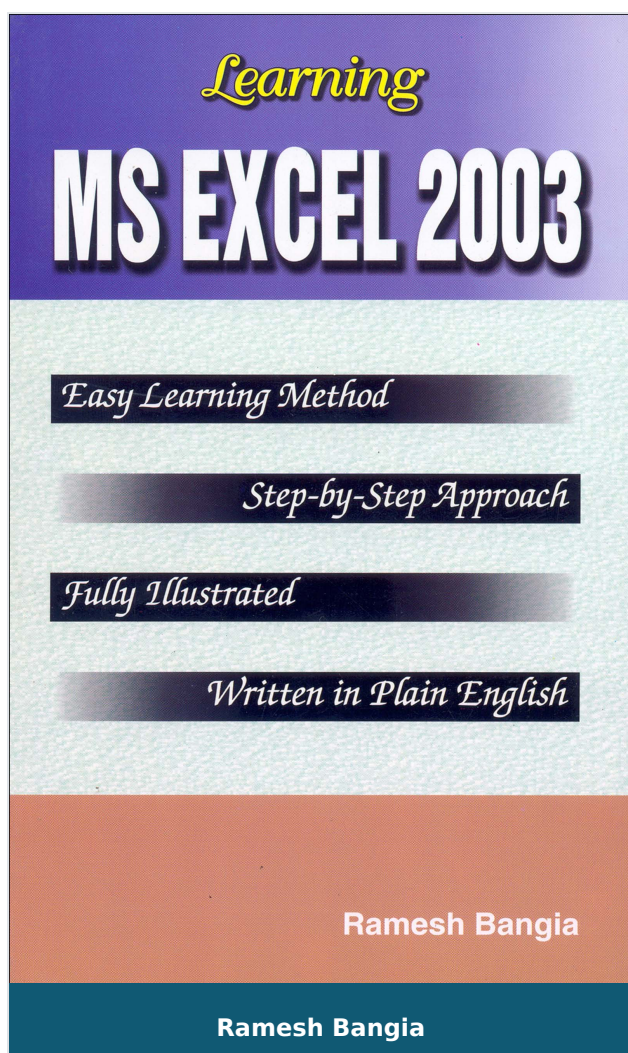
- Instrumentation Fundamental
- Pressure Measurements
- Temperature Measurements
- Flow Measurements
- Level Measurements
- Laplace Transform
- Basic Concept of Process Control and First Order System
- First Order System in Series
- Second Order System
- Industrial Bio-processes
- Controllers and Final Control Elements
- Block Diagram and Transient Response of Closed Loop Control System
- Stability
- Advanced Control Techniques
- Control Structure of Unit Operations
- Answer to Exercise Problems
- Appendix
- Index

Author

D.C. Sikdar

D.C. Sikdar D. C. Sikdar (Ph.D.) is an associate professor, Department of Chemical Engineering, Dayananda Sagar College of Engineering, Bangalore, with more than two

and half decades of teaching experience. Prof. Sikdar has published many papers in national and international journals of repute. he has received Best Research Thesis Award from Karnataka State Bio-fuel Development Board for guiding M.Tech Thesis on "Development of Bio-Hydrogen Dependent Fuel Cell using Micro Algae" in 2012. Prof. Sikdar is also a member of Indian Society of Technical Education (ISTE) and Indian Institute of Chemical Engineers (IIChE).



Learning MS Excel 2003

Author :	Ramesh Bangia
ISBN 13 :	978-81-87325-44-4
ISBN 10 :	8187325445
E-ISBN 13 :	978-81-87325-44-4
Edition :	1
Pages :	248
Type of book :	Physical
Year :	2007
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 225.00
Categories :	Book Store, Learning Series, BASIC COMPUTER BOOKS
Condition Type :	New
Country Origin :	India

Product Description

Learning of a software is both easy and difficult. It depends up to what level you planning to learn. If you are learning only for the working use, then it is very easy. But, when you try to go deep into it, then you realize how difficult it is to master it. Microsoft Office Excel 2003 is such a vast subject that it will take a lot of time to understand it fully. This book has been written in mind to make you aware of the options available in the software and how they can be used. It is like telling the child about the steps and stairs. You are the one who is to climb the stair. This book will just guide you how to use the stairs.

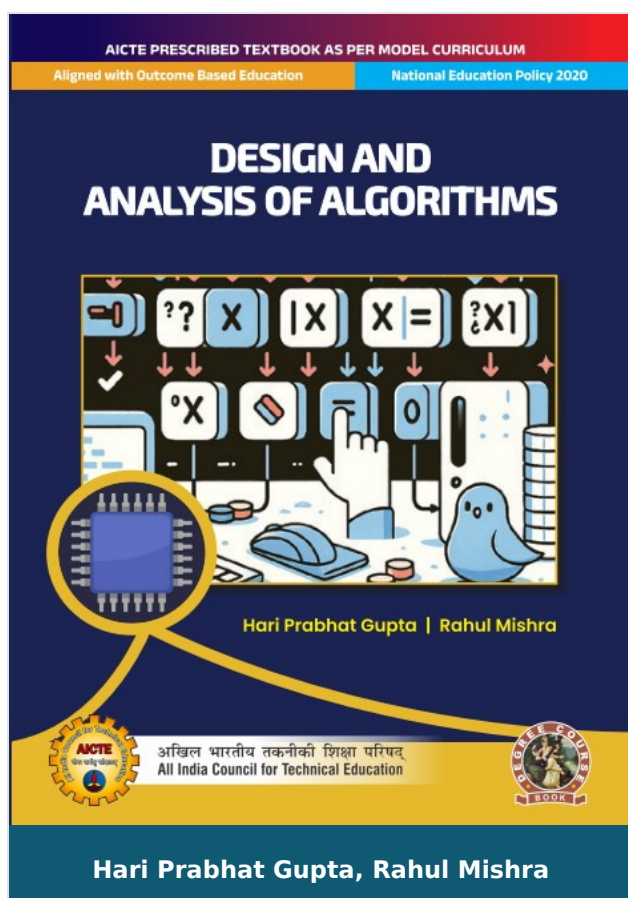
Table Of Contents

- Introduction to Microsoft Office 2003
- Spreadsheet Basics
- Creating a Worksheet in Excel 2003
- Advance Techniques of Excel 2003
- Working with Charts in Excel 2003
- Database Techniques in Microsoft Office Excel 2003
- Web and Microsoft Office Excel 2003
- Menu Commands of Microsoft Office Excel 2003
- Functions in Excel 2003
- Keyboard Shortcuts
- Questions

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 East and African countries.



Design and Analysis of Algorithms

Author : Hari Prabhat Gupta, Rahul Mishra

ISBN 13 : 978-93-55386-70-0

ISBN 10 : 9355386702

E-ISBN 13 : 978-93-55386-70-0

Edition : First

Pages : 324

Type of book : Physical

Year : 2026

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 598.00

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

Design and Analysis of Algorithms

This book offers an in-depth exploration of designing and analysing algorithms. It covers topics such as algorithmic analysis, design principles, theoretical proofs, and practical applications. The content includes a logical example explaining the concepts, accompanied by a diverse range of solved and unsolved problems. Each problem is accompanied by step-by-step solutions, providing readers with a comprehensive understanding of algorithmic design and analysis. With its systematic approach, programming-based solutions, and thorough examples, this book serves as an ideal resource for those curious to learn basic to high level concept of algorithm design.

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 of him/ her after completing that unit.
- Book provides lots of recent information, interesting facts, logical examples, and solved programming exercises. Theorems and their proofs are added to provide detailed insight of analysis.
- Student and teacher centric subject material included in book in balanced and chronological manner.
- Figures, tables, and image-based elaborate examples are inserted to improve clarity of the topics. Salient Features:
- Short and long answer questions are given for practice of students after every chapter for practice of students after every chapter.

- Solved and Unsolved programming exercises are included in the appendix of the book.
- QR Code at the start of every chapter provide convenient access to electronic resources, including solutions to programming problems, discussions on key concepts, and project topics for students

Table Of Contents

- Foreword
- Acknowledgement
- Preface
- Outcome Based Education
- Course Outcomes
- Guidelines for Teachers
- Guidelines for Students
- List of Figures
- List of Table
- Introduction to Algorithms
- Analysis of Algorithms
- Analysis of Recursive Algorithms
- Graph and tree Algorithms
- Brute-Force Methodology
- Greedy Algorithms
- Dynamic Programming
- Divide-and-Conquer
- NP-Completeness
- Advanced Topics in Algorithms
- Annexure: List of Experiments
- Co and PO Attainment Table
- Appendices
- Index

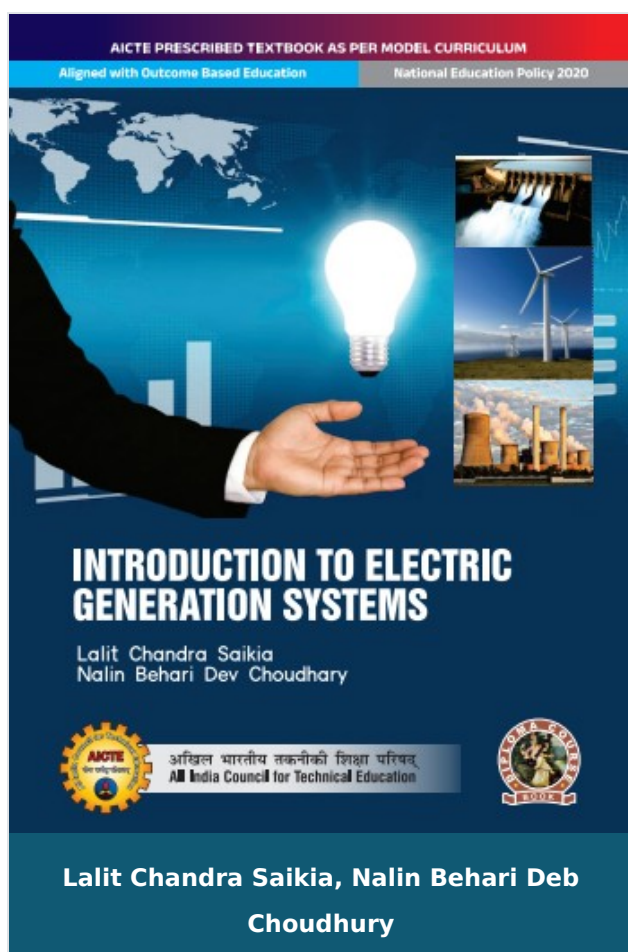
Author

Hari Prabhat Gupta

Dr. Hari Prabhat Gupta, Ph.D. Associate Professor, Dept. of Computer Science & Engineering, IIT (BHU) Varanasi, India Dr.

Rahul Mishra

Dr. Rahul Mishra, Ph.D. Assistant Professor, Dept. of Computer Science & Engineering, IIT Patna, India



Introduction to Electric Generation Systems

Author : Lalit Chandra Saikia, Nalin Behari Dev Choudhury

ISBN 13 : 978-93-55386-56-4

ISBN 10 : 9355386567

E-ISBN 13 : 978-93-55386-56-4

Edition : First

Pages : 312

Type of book : Physical

Year : 2026

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 576.00

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

Condition Type : New

Country Origin : India

Product Description

Introduction to Electric Generation Systems

This book familiarizes the students with the basics of electrical power generation. This covers all the thermal, hydro, solar, wind, and biomass power plants. The interconnected power systems, power plant economics, and related terms, blackout, and brownout are also included. The basic principles, layout, working, types, and related components of all the power plants, and practical experiments are described clearly. The main content of this book is aligned with the model curriculum of AICTE followed by the concept of outcome-based education as per the National Education Policy (NEP)2020.

Salient features:

- Content of the book aligned with the mapping course outcomes, programs and Units Outcomes.
- In the beginning of each unit learning outcomes are listed to make the student understand what is expected out of him/her after completing that unit.
- Book provides lots of recent information, interesting facts, QR code for E-resources, QR code for use of ICT, projects, group discussion etc.
- Student and teacher centric subject materials included in book with balanced and chronological manner.
- Figures, tables, and software screen shots are inserted to improve clarity of the topics.
- Apart from essential information a 'know more' section is also provided in each unit to extend the learning beyond syllabus.
- Short questions, objective questions and long answer exercises are given for practice of students after every chapter.

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

Table Of Contents

- Foreword
- Acknowledgement
- Preface
- Outcome Based Education
- Course Outcomes
- Guidelines for Teachers
- Guidelines for Students
- Abbreviations and Symbols
- List of Figures
- List of Tables
- Thermal Power Plants: Coal, Gas/ Diesel, and Nuclear-based
- Large and Micro-Hydropower Plants
- Solar and Biomass-based Power Plants
- Wind Power Plants
- Economics of Power Generation and Interconnected Power System
- Appendices
- Co and Po Attainment Table
- Index

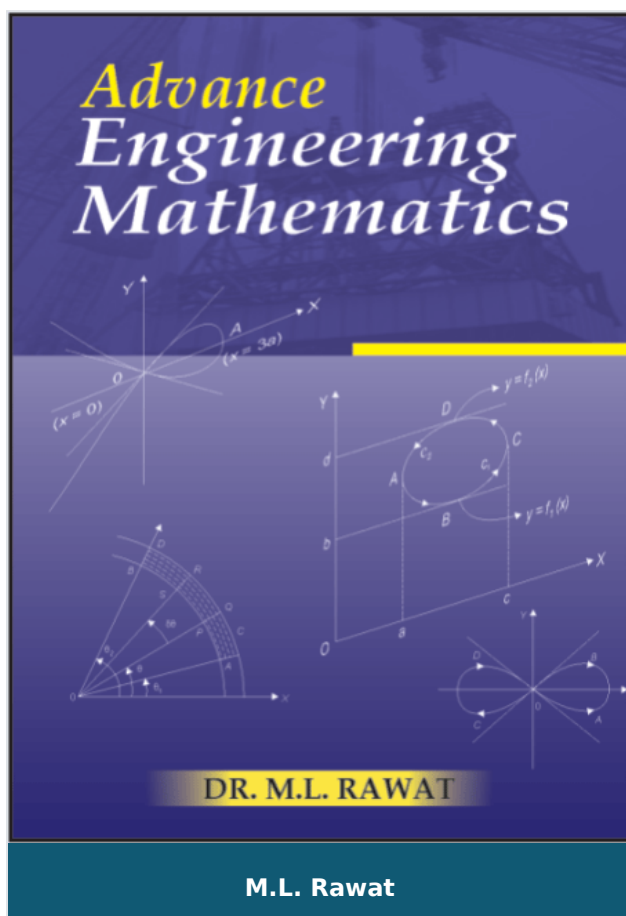
Author

Lalit Chandra Saikia

Dr. Lalit Chandra Saikia Associate Professor National Institute of Technology Silchar,
Assam Dr.

Nalin Behari Deb Choudhury

Dr. Nalin Behari Deb Choudhury Professor National Institute of Technology Silchar, Assam



Advance Engineering Mathematics

Author :	M.L. Rawat
ISBN 13 :	978-81-90675-87-1
ISBN 10 :	8190675877
E-ISBN 13 :	978-81-90675-87-1
Edition :	1
Pages :	1575
Type of book :	Physical
Year :	2014
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 595.00
Categories :	Book Store, APPLIED SCIENCES & HUMANITIES
Condition Type :	New
Country Origin :	India

Khanna Publishing House

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

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

Product Description

Solutions of Algebraic Equations and curve-fitting, Linear Algebra: Determinants, Matrices, Determinants and Matrices, Vectors and 3-Dimensional Analysis Geometry, Ordinary Differentiation and Its Applications, Partial Differentiation and Its Applications, Single Integrals with Applications Multiple Integrals with Their Applications, Vector Calculus, Convergence and Divergency of Infinite Series, Fourier Series, Ordinary Differential Equations of Order One, Applications of Differential Equations of First Order, Higher Order Linear Differential Equations with Constant Coefficients, Applications of Linear Differential Equations, Differentiation Equations of Second Order with Variable Coefficients and of Some other types, Special Solution of Differential Equations and Special Functions, Partial Differential Equations, Applications of Partial Differential Equations, Complex Variable, Laplace Transform Fourier Transforms, The Z- Transform, Statistics and Probability, Finite Differences and Interpolation Methods, Difference Equations, Solution of Algebraic Equations by Numerical Methods, Numerical Solutions of Ordinary Differential Equations, Numerical Solution of Partial Differential Equations, Linear Integral Equations, Linear Programming and Transportation and Assignment Problems, Calculus of Variation, tensors, Spherical Trigonometry.

Table Of Contents

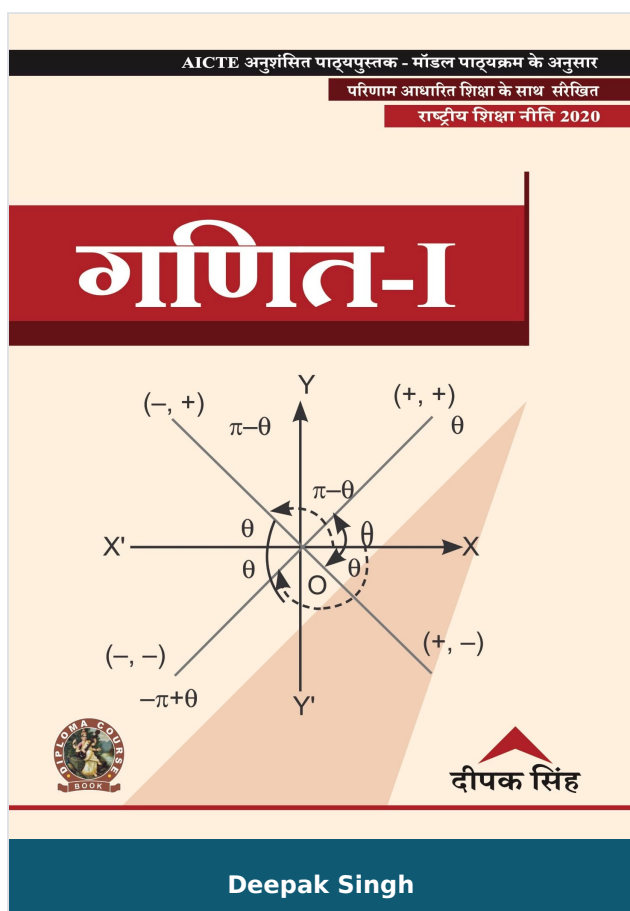
- Solutions of Algebraic Equations and curve-fitting,
- Linear Algebra:
- Determinants,
- Matrices, Determinants and Matrices,
- Vectors and
- Dimensional Analysis Geometry,
- Ordinary Differentiation and Its
- Applications,
- Partial Differentiation and Its Applications,
- Single
- Integrals with Applications Multiple Integrals with Their Applications,
- Vector Calculus,
- Convergence and Divergency of Infinite Series,
- Fourier
- Series,
- Ordinary Differential Equations of Order One,
- Applications of
- Differential Equations of First Order,
- Higher Order Linear Differential
- Equations with Constant Coefficients,
- Applications of Linear
- Differential Equations,
- Differentiation Equations of Second Order with

- Variable Coefficients and of Some other types.
- Special Solution of
- Differential Equations and Special Functions,
- Partial Differential
- Equations,
- Applications of Partial Differential Equations,
- Complex
- Variable,
- Laplace Transform Fourier Transforms,
- The Z- Transform,
- Statistics and Probability,
- Finite Differences and Interpolation
- Methods,
- Difference Equations, Solution of Algebraic Equations by
- Numerical Methods,
- Numerical Solutions of Ordinary Differential
- Equations,
- Numerical Solution of Partial Differential Equations,
- Linear
- Integral Equations,
- Linear Programming and Transportation and Assignment
- Problems,
- Calculus of Variation, tensors,
- Spherical Trigonometry

Author

M.L. Rawat

Dr. M.L. Rawat, born in poor family did his M.Sc in first division in 1957, and PhD in Hydrodynamics in 1973 from the University of Rajasthan and became a Lecturer of Mathematics at Maharaja's College, Jaipur. During his service , he served at various government colleges in Rajasthan and taught M.Sc classes at Jaipur, Dungar College, Bikaner and Government College, Ajmer. He also served as Degree College Principal for 6 Years and Post Graduate college principal for 5 Years. Currently, he is working as professor of Mathematics at Jaipur Engineering College & Research Centre (JECRC), Jaipur.



Mathematics I

Author :	Deepak Singh
ISBN 13 :	978-93-55381-82-8
ISBN 10 :	9355381824
E-ISBN 13 :	978-93-55381-82-8
Edition :	First
Pages :	168
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 395.00
Categories :	AICTE Prescribed Textbooks, Hindi Books, Book Store, Ebooks
Condition Type :	New
Country Origin :	India

Product Description

“Mathematics-I” is included as a paper for the first year Diploma program. Syllabus of this book is strictly aligned as per model curriculum of AICTE, and academic content is combined with the concept of outcome-based education.

Book cover five Units Trigonometry, Functions and Limit, Differential Calculus, Complex numbers and partial Fraction, Permutation and Combination and Binomial Theorem. In every unit each topic is written in easy and lucid manner. A set of exercise at the end of each unit is clubbed to test the student’s comprehension.

Some salient features of the book:

1. Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes and Unit Outcomes.
2. Book provides lots of real-world applications, interesting facts, QR Code for E-resources, mini projects, curiosity topics, sample specification table etc.
3. Students and teacher centric subject materials included in book with balanced and chronological manner.
4. Figures, tables and mathematical equations are inserted to improve clarity of the topics.
5. Short questions, objective questions and long answer exercises are given for practice of students after every chapter.
6. Comprehensive synopsis of formulae for a quick revision of the basic principles.

Table Of Contents

- Trigonometry
- Functions and Limit
- Differential Calculus
- Complex Numbers and Partial Fraction
- Permutation and Combination, Binomial Theorem
- Appendices
- References for Further Learning
- CO and PO attainment Table
- Index

Author

Deepak Singh

Deepak Singh



Environmental Science

Author :	Subrat Roy
ISBN 13 :	978-93-55380-53-1
ISBN 10 :	9355380534
E-ISBN 13 :	978-93-55380-53-1
Edition :	First
Pages :	112
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 395.00
Categories :	AICTE Prescribed Textbooks, Marathi Books, Book Store, Ebooks
Condition Type :	New
Country Origin :	India

Product Description

“Environmental Science” is an audit course for the first year Diploma program in Engineering & Technology. Syllabus of this book is strictly aligned as per model curriculum of AICTE, and academic content is amalgamated with the concept of outcome-based education.

Book covers four units- Ecosystem, Air and Noise Pollution, Renewable Sources of Energy and Solid waste management, ISO 14000 & Environmental Management, Every unit contains as set of exercise at the end of each unit to test the student’s comprehension.

Some salient features of the book:

1. Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes and Unit Outcomes.
2. Book provides lots of recent information, interesting facts, QR Code for E-resources, QR Code for use of ICT, projects, group discussion etc.
3. Student and teacher centric subject materials included in book with balanced and chronological manner.
4. Figures and tables are insert to improve clarity of the topics.
5. Objective questions, Short questions and long answer exercise given for practice of students after every unit.

Table Of Contents

- Foreword,
- Acknowledgement,
- Preface,
- Outcome Based Educations,
- Course Outcomes,
- Abbreviations and symbols,
- List of Figures,
- Guidelines for Teachers,
- Guidelines for Students,
- Ecosystem
- Air and Noise pollution
- Renewable sources of Energy
- Soil waste Management, ISO 14000& Environmental management.
- Important Day Related to Environment
- CO and Po Attainment Table
- Index.

Author

Subrat Roy

Subrat Roy