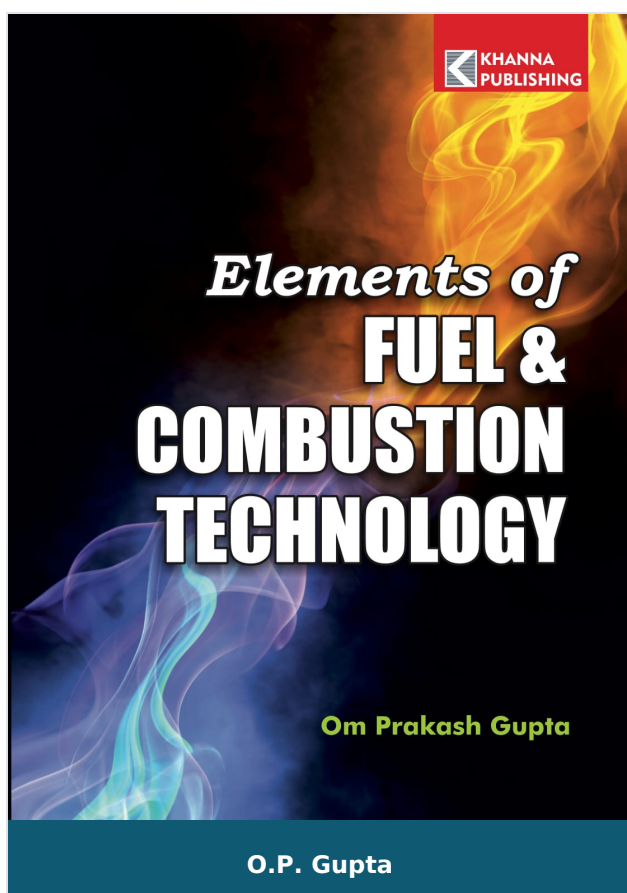




Elements of Fuel & Combustion Technology

Author :	O.P. Gupta
ISBN 13 :	978-93-86173-32-4
ISBN 10 :	9386173328
E-ISBN 13 :	978-93-86173-32-4
Edition :	First
Pages :	1168
Type of book :	Physical
Year :	2018
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 499.00
Categories :	Chemical Engineering, Book Store
Condition Type :	New
Country Origin :	India

Product Description

This book contains detailed description of solid, liquid, gaseous fuels, combustion and furnaces. Beside short questions and answers and multiple choice questions & answers and multiple choice questions; answers drawn from the examination papers of various engineering Colleges and professional bodies examinations are also included.

The book will be useful for degree & diploma curriculum of various branches of Engineering and for various associate membership examinations conducted by professional bodies like Institution of Engineers (AMIE), Indian Institute of Metals(AMIIM), Indian Institute of Chemical Engineers(AMICCHE), Institute of Chemicals etc.

Table Of Contents

- Introduction and Classification of Fuels
- Definitions & units Conversions Related to Fuel Technology
- Wood, Charcoal and Peat
- Origin, Composition, Characteristics, and Significance of Constitution of Coal
- Petrography of Coal
- Washing of Coal
- The Storage of Coal-Oxidation & Spontaneous Combustion
- Pulverised Fuel/Coal
- Usage of Coal
- Comparative Study of Solid, Liquid and Gaseous Fuel
- Selection of Coal for Various Uses
- Mineral Matters in Coal-Ash and Clinker Formation
- Properties and Testing of Coal
- Classification of Coal
- Carbonisation of Coal-Coke Making and By-Products Recovery
- Characteristics and Distribution of Indian Coal
- Origin, Composition, & Classification of Petroleum-Indian Crude Oil
- Crude of Distillation
- Thermal and Catalytic Cracking
- Thermal and Catalytic Reforming
- Polymerisation, Alkylation and Isomerisation
- Purification of Petroleum Products
- Properties of Petroleum Products

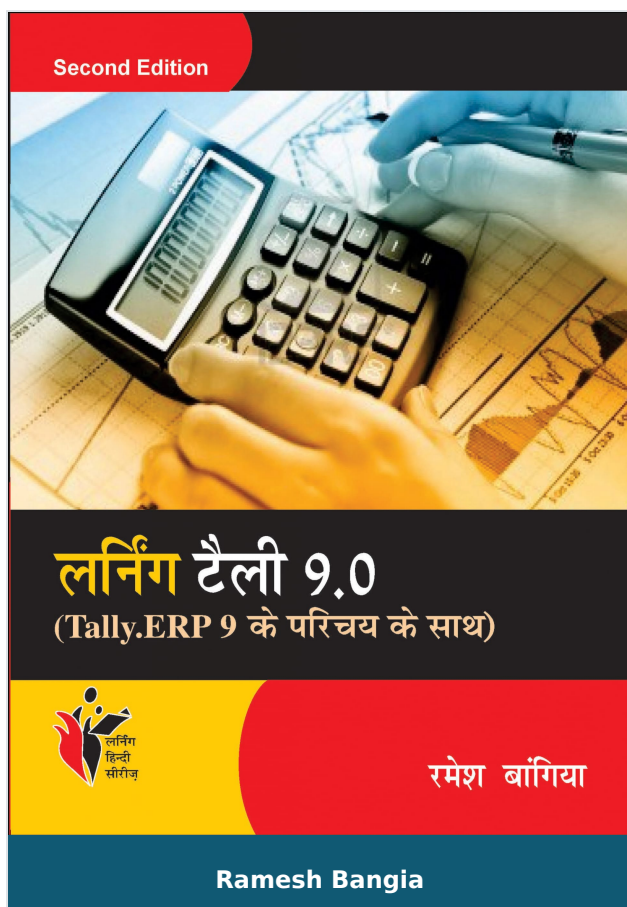
- Coal Tar Fuels (C.T.F)
- Requisite of Good Quality Gasoline, Diesel, Fuel Oil and Other Petroleum Products
- Liquid Fuels from Coal by its Hydrogenation and Liquefaction
- Other Liquid Fuels-Benzole, Shale Oil, Alcohol and Colloidal Fuels
- Storage and Handling of Liquid Fuels/Fuel Oils
- Methane, Wood Gas, Gobar Gas, Sewage Gas and Gas from Underground Gasification of Coal
- Natural Gas, Liquefied Petroleum Gas(LPG) and Refinery Gases
- Producer Gas and Water Gas
- Blast Furnace Gas, Coke Oven Gas and L.D Converter Gas-Steel Plant Fuels
- Coal Gas from Coal Gasification Processes
- Oil Gas from Oil Gasification Processes
- General Principles of Combustion
- Types of Combustion Processes
- Combustion of Solid Fuels Grate Firing and Pulverised Fuel Firing System
- Burners for Liquid and Gaseous Fuels Combustion
- Combustion Calculations
- Gas Analysis & Calorific Value Determination
- Fluidised Bed Combustion
- Introduction of Furnaces
- Waste Heat Recovery and Fuel Economy in Furnaces
- Control of Furnace Atmosphere
- Classification of Furnaces
- Fuels & Furnaces in Steel Plants
- Furnace Heat Balance Calculations
- Briquetting of Solid Fuels/Coal

- Gas Cleaning and Purification
- Rocket Fuels
- Thermal Insulation
- Properties and Efficient Utilization of Steam
- Electric Furnaces
- Refractories
- Appendix-A: Technical Data on Fuels
- Appendix-B: Short Questions and Answers on Fuel Technology
- Appendix-C: Multi-Choice Questions and Answers Fuel and Combustion Technology
- Appendix-D: Glossary of terms related to Fuels and Combustion Technology

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.



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

Author :	Ramesh Bangia
ISBN 13 :	978-93-82609-64-3
ISBN 10 :	9382609644
E-ISBN 13 :	978-93-82609-64-3
Edition :	Second
Pages :	296
Type of book :	Physical
Year :	2015
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 225.00
Categories :	Computer Books - Hindi, Book Store, Learning Series, BASIC COMPUTER BOOKS
Condition Type :	New
Country Origin :	India

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.

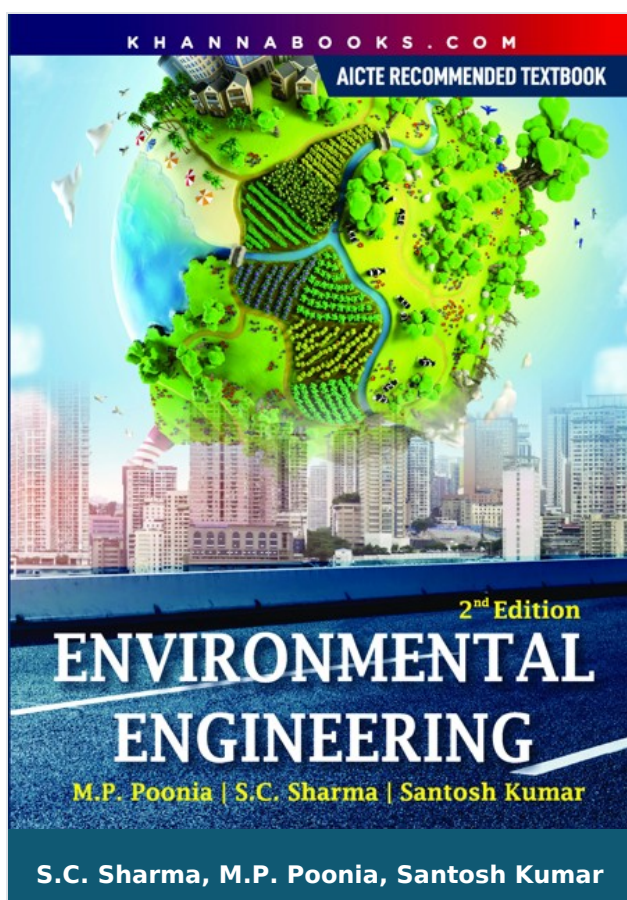
Table Of Contents

- Getting Started With Tally 9.0
- Payroll Accounting In Tally 9.0
- Multilingual Feature In Tally 9.0
- Value Added Tax(VAT) In Tally
- Service Tax, FBS & TDS in Tally
- Tally 9.0 Release 2.1 In Tally 9.0
- Tally 9.0 Release 2.14
- Go to Tally.ERP9
- 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.



Environmental Engineering

Author : S.C. Sharma, M.P. Poonia, Santosh Kumar

ISBN 13 : 978-93-90779-07-9

ISBN 10 : 9390779073

E-ISBN 13 : 978-93-90779-07-9

Edition : Second

Pages : 500

Type of book : Physical

Year : 2023

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 499.00

Categories : [Environmental Engineering,](#)
[Environmental Engineering, Book](#)
[Store](#)

Condition Type : New

Country Origin : India

Product Description

This book covers the syllabi of "Environmental Engineering" and "Public Health Engineering" of various Indian Universities. The book is recommended in AICTE model curriculum. The book has been divided in 3 parts; namely; Water Supply Engineering; Sewage Engineering Air Pollution Engineering.

The book is useful for Degree as well as Diploma students and is also likely to be useful for practising engineers in this field.

Table Of Contents

- Environmental Engineering

Author

S.C. Sharma

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

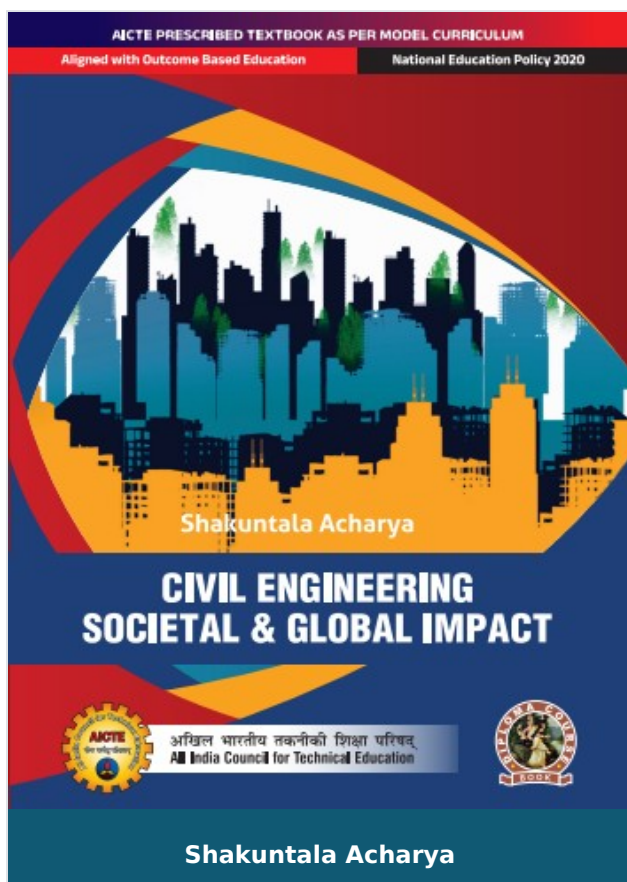
M.P. Poonia

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

Santosh Kumar

Prof. Santosh Kumar, Former Professor of Civil Engineering at the Bihar College of Engineering/NIT Patna, obtained his Bachelor's degree in Civil Engineering from Regional

Institute of technology/NIT Jamshedpur and Master's degree from University of Roorkee/NIT Roorkee. Further he obtained Dip. H.E. From Delft University, Netherlands. He completed his Ph.D from Patna University. Prof. Kumar taught water resources related subjects for more than 40 years. During his tenure he successfully guided four Ph.Ds. and a record 28 M.Tech dissertations. He also produced more than 50 research papers. Later he also acquired advanced knowledge in Environmental Science. Dr. Kumar was picked up by the World Bank as a consultant to its projects in Bihar at FMISC, where he served for four years. He is a Fellow of Institution of engineers India; Chairman Indian Water Resources Society (Patna Chapter).



Civil Engineering Societal and Global Impact

Author : Shakuntala Acharya

ISBN 13 : 978-93-55384-84-3

ISBN 10 : 935538484X

E-ISBN 13 : 978-93-55384-84-3

Edition : First

Pages : 176

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

Product Description

Civil Engineering Societal and Global Impact

This book familiarizes the students with the concept of sustainability in the context of Civil Engineering. This book includes fundamentals of sustainable development and impact of civil engineering in total of six units, as impact of Civil Engineering: An Introduction, Importance of Civil Engineering, Infrastructure, Environment, Built Environment, and Civil Engineering Projects. Main purpose of this book is to help under graduate civil engineering students to understand and apply the concepts of sustainability to applications in engineering problems. The 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 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.

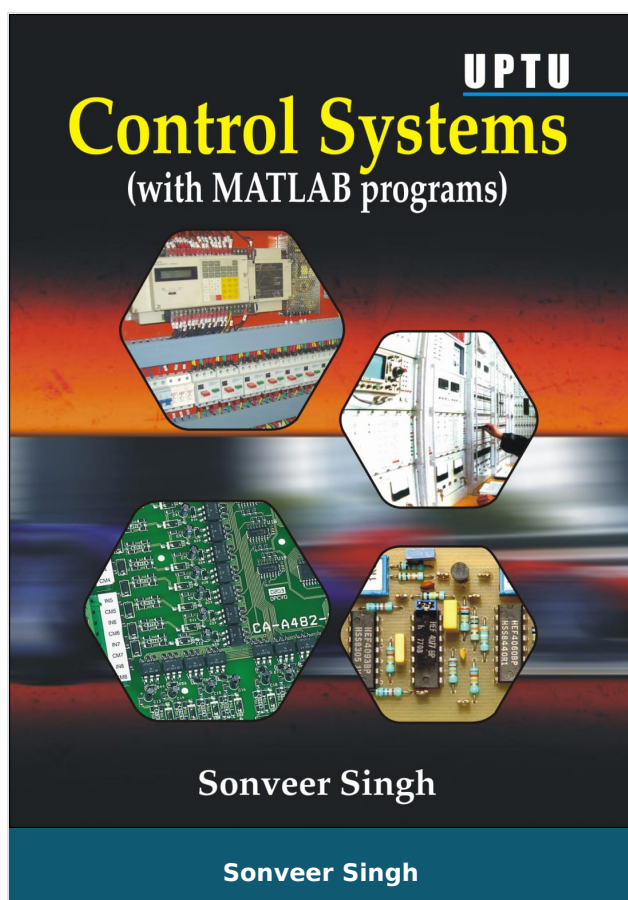
Table Of Contents

- Foreword
- Acknowledgement
- Preface
- Outcome Based Education
- Course Outcomes
- Guidelines for Teachers
- Guidelines for Students
- Abbreviations and Symbols
- List of Figures
- List of Tables
- Impact of Civil Engineering: An Introduction
- Importance of Civil Engineering
- Infrastructure
- Environment
- Built Environment
- Civil Engineering Projects
- References for Further Learning
- Index

Author

Shakuntala Acharya

Dr. Shakuntala Acharya Assistant Professor, IIT Guwahati, Assam



Control Systems (UPTU) (with MATLAB Programs)

Author :	Sonveer Singh
ISBN 13 :	978-93-80016-30-6
ISBN 10 :	9380016301
E-ISBN 13 :	978-93-80016-30-6
Edition :	1
Pages :	636
Type of book :	Physical
Year :	2012
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 325.00
Categories :	Electrical, Electronics & Communication Engineering, Book Store
Condition Type :	New
Country Origin :	India

Product Description

The book fulfills requirement of undergraduate students of electrical and electronics engineering of UPTU in the field of control systems. Easy text for better understanding of concepts and basic principles and depth of subject. Fundamentals are explained in simple way and highlighted for quick revision. Will help students in tackling University exams and other competitive exam like GATE, IES and Public Sector.

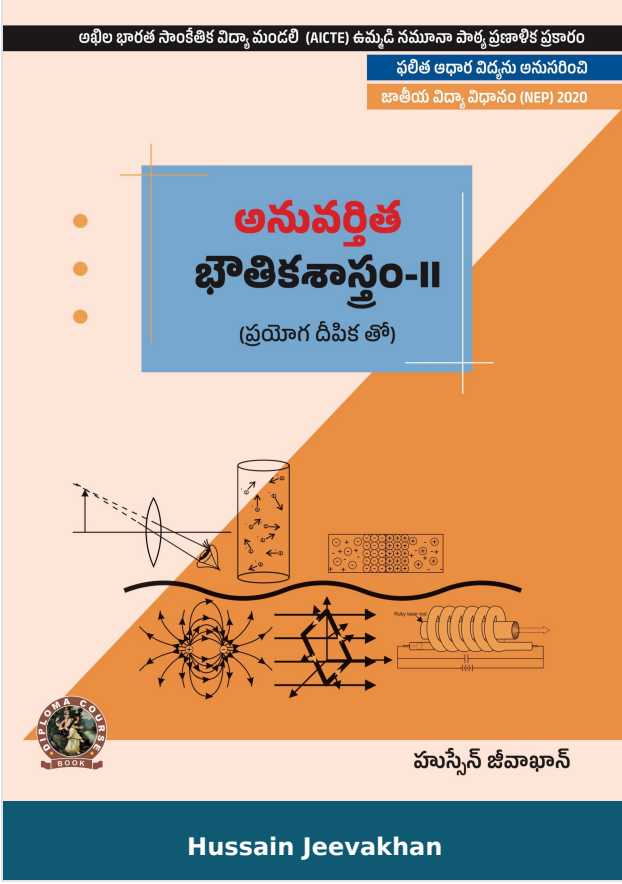
Table Of Contents

- Introduction to Control System
- Time Response Analysis
- Control System Components
- Stability of Control System
- Root Locus Technique
- Frequency Response Analysis
- Stability in Frequency Domain
- Introduction to Design
- Review of State Variable Technique.

Author

Sonveer Singh

Sonveer Singh has completed his B.E. in Electrical and Electronics Engineering with honours in 2003 and M. Tech. in 'Engineering Systems' in 2006 from Dayal Bagh Educational Institute, Agra. He has worked in the Department of Electrical & Electronics Engineering, Anand Engineering College, Agra. Since July 2006 to December 2008. Now he is lecturer (Electronics Engineering) in the Department of Technical Education U.P. since 2008. His field of interest includes Control System, Network Analysis & Synthesis, Analog & Digital Electronics etc. and Soft Computing application in Electrical Load Forecasting, Economic Dispatch, Fuzzy Systems, etc. He has also delivered several lectures in various short term courses organized by various organisation.



Applied Physics-II (with Lab Manual)

Author :	Hussain Jeevakhan
ISBN 13 :	978-93-91505-95-0
ISBN 10 :	9391505953
E-ISBN 13 :	978-93-91505-95-0
Edition :	1
Pages :	292
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 295.00
Categories :	AICTE Prescribed Textbooks, Telugu 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.

Table Of Contents

- Foreword,
- Acknowledgement,
- Preface,
- Outcome Based Educations,
- Course Outcomes,
- 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.



Warm Loving Medication

Author :	Akshat Srivastava
ISBN 13 :	978-93-89139-14-3
ISBN 10 :	9389139147
E-ISBN 13 :	978-93-89139-14-3
Edition :	First
Pages :	204
Type of book :	Physical
Year :	2021
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 795.00
Categories :	Fiction Books, Hardbound Books, Book Store
Condition Type :	New
Country Origin :	India

Product Description

Following the suicide of an acquaintance, Abeer was suffering from a cliché case of doomsday syndrome. In a life where all everyone could bring into his life was either medication or addictions.

In this beautiful city with shit stained sidewalks and shit swinging elitism, life felt directionless until a small incident makes him realise he may need the same help he has been trying to extend. While shuffling through multiple therapists, A chance meeting with a woman leads to something far more than he ever imagined. The woman in question was Meera. The woman on the contrary was a being of never-ending optimism in a society full of nihilists.

Would This encounter help Abeer answer some questions which were left unanswered?

Table Of Contents

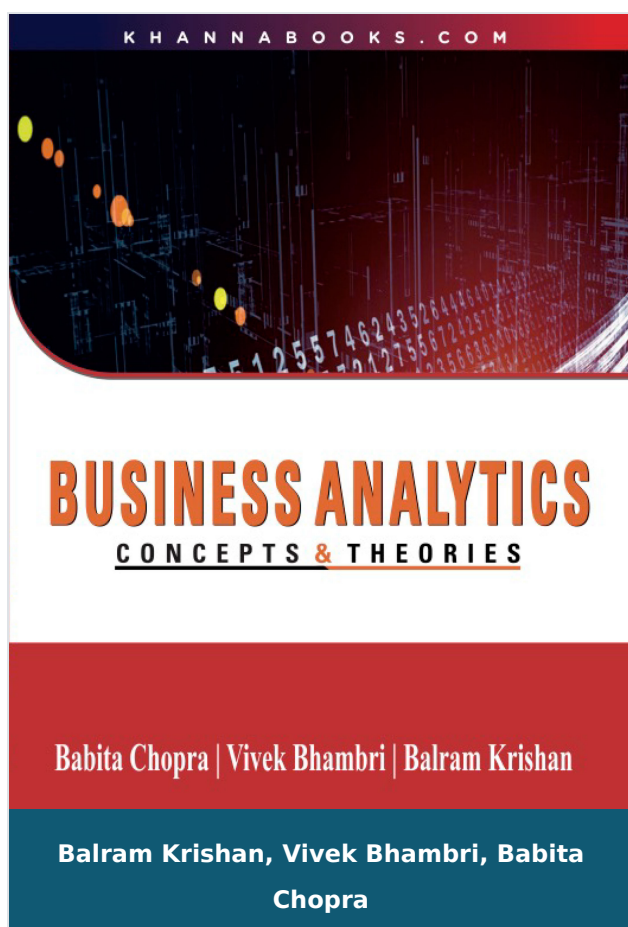
- Long Lost Bliss
- The Flight
- Meera
- When Time Kept Pulling Us Towards Each Other
- The Side Effects of a Good Life
- The Therapist
- He knew, She Obviously Knew
- Is This Depression? Fuck If I Know
- Damini. Also, The Ugly
- Aren't
- Birthdays Amazing?
- Weekender: Day 1
- Weekender: Self Control is a Virtue
- The Drive
- The Wait
- The Night All Hell Broke Loose
- The Therapist: Is This Real Life?
- The Office Romance or Something
- Questions
- A Broken Dining Table
- The Beautiful
- The Solo Trip
- The Nihilist

- Warm
- Loving Medication
- Birthdays
- Cowards
- Rock Bottom
- Love Hurts. Mental Illness Hurts More
- It's
- All in Your Head, Akshat
- Each Their Own Agony
- Flights and Therapists

Author

Akshat Srivastava

Akshat Srivastava



Business Analytics

Author : Balram Krishan, Vivek Bhambri,
Babita Chopra

ISBN 13 : 978-93-82609-52-0

ISBN 10 : 9382609520

E-ISBN 13 : 978-93-82609-52-0

Edition : 1

Pages : 220

Type of book : Physical

Year : 2025

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 325.00

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

Condition Type : New

Country Origin : India

Product Description

It has been rightly said that "people who can't see the value in data mining as a concept either don't have the data or don't have data with integrity." This book has been designed as a basic text book for computer Science and management students at post Graduation and under graduation levels. It explains the technical concepts of this hot area in simple and easily understandable language. It covers the complete syllabus of MCA, B. Tech courses of Punjabi University, Punjab University, Punjab Technical University and many other major universities.

Table Of Contents

- Introduction To Business Intelligence
- Introduction To Business Analytic
- Introduction To Data Warehousing
- Data Modeling Concepts And Techniques
- Data Mining
- Techniques Of Data Mining
- Application Areas Of Data Mining
- Concepts Of Master Data Management
- Delivering Bi With Microsoft Sql Server 2012

Author

Balram Krishan

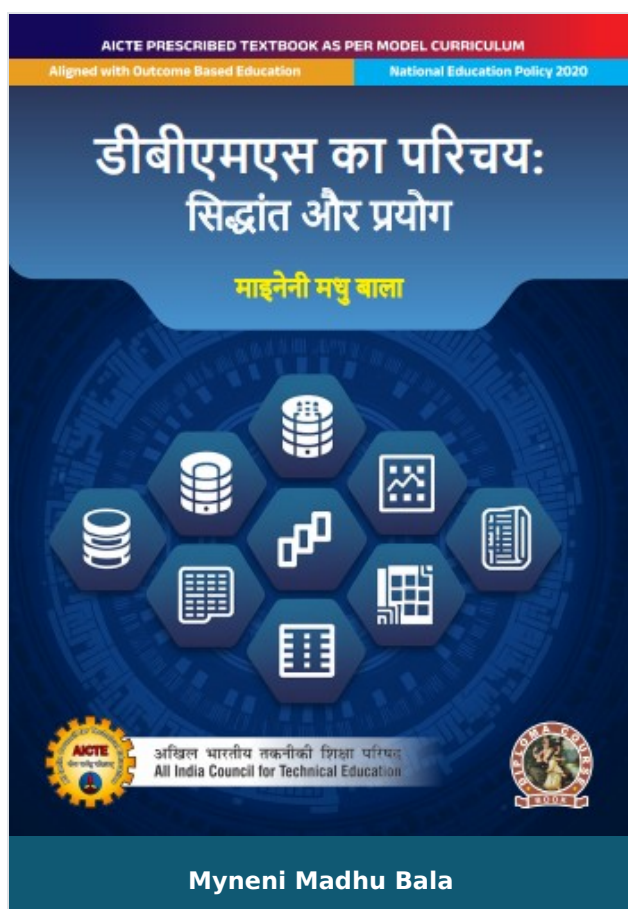
Balram Krishan MCA, M. Phil, is working as Assistant Professor, in Computer Science Department at Desh Bhagat Institute of Management and Computer Sciences, Mandi Gobindgarh, (Punjab). He has a total experience of 8 years in teaching. He has published more than 10 papers in International and National Journals. He is pursuing Ph. D. in Computer Science. His area of interest includes .NET and Cloud Computing.

Vivek Bhambri

Vivek Bhambri is working as Head, Department of Computer Sciences at Desh Bhagat Institute of Management and Computer Sciences, Mandi Gobindgarh (Punjab). He has a total teaching experience of 10 years. He is pursuing his research in the field of data mining. His areas of interest include Data Mining and Computer Architecture. He has published more than 20 research papers in International and National Journals.

Babita Chopra

Babita Chopra is working as Assistant Professor, in Computer Science Department at Desh Bhagat Institute of Management and Computer Sciences, Mandi Gobindgarh, (Punjab). She has a total experience of 12 years in the Industry and Teaching. She has published more than 15 papers in International and National Journals. She has done her doctorate in the field of Data Mining.



Introduction to DBMS: Theory & Practicals

Author :	Myneni Madhu Bala
ISBN 13 :	978-93-55385-05-5
ISBN 10 :	9355385056
E-ISBN 13 :	978-93-55385-05-5
Edition :	First
Pages :	192
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 298.00
Categories :	AICTE Prescribed Textbooks, Hindi Books, Book Store
Condition Type :	New
Country Origin :	India

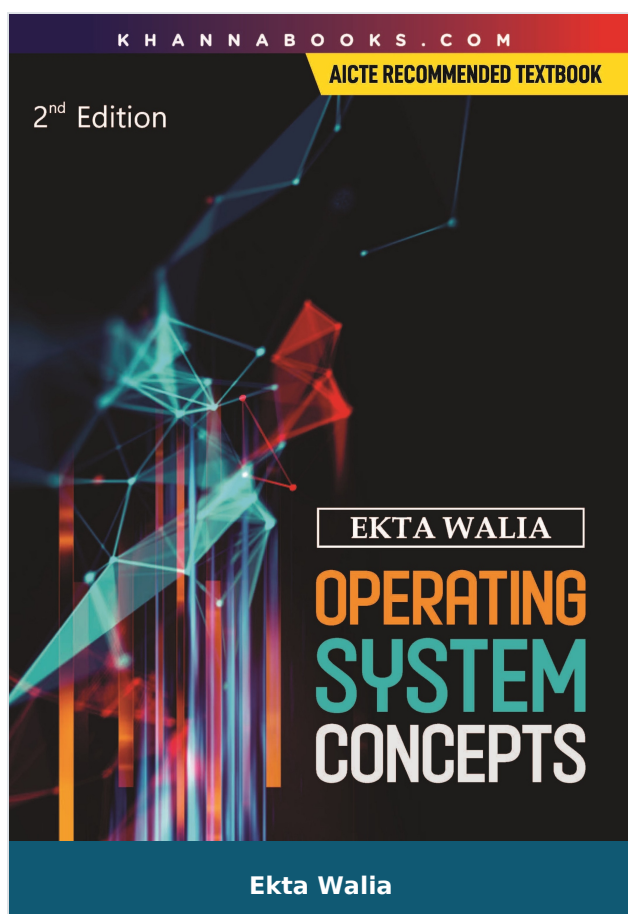
Product Description

Introduction to DBMS: Theory & Practicals

Author

Myneni Madhu Bala

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



Operating System Concepts

Author :	Ekta Walia
ISBN 13 :	978-93-80016-65-8
ISBN 10 :	9380016654
E-ISBN 13 :	978-93-80016-65-8
Edition :	Second
Pages :	360
Type of book :	Physical
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Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 425.00
Categories :	Computer Science Engineering, UNIVERSITY RECOMMENDED, Computer Science Engineerings, 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 is a revised edition of the eight years old popular book on operating System Concepts. In Addition to its previous contents, the book details about operating system foe handheld devices like mobile platforms. It also explains about upcoming operating systems with have interface in various Indian language. In addition to solved exercises of individual chapters, the revised version also presents a question bank of most frequently asked questions and their solutions. Value addition has been done in almost all the 14 chapters of the book.

Table Of Contents

- Operating System : An Introduction
- Computer System Structures
- Operating System Structures
- Introduction To Processes
- CPU Scheduling
- Process Synchronization
- Dealing with Deadlocks
- Memory Management Basics
- Managing Virtual Memory
- File System Interface and Implementation
- Device Management and Storage Structures
- Protection Security
- Operating System for Distributed Systems
- Case Studies- UNIX and Windows NT
- Solution to Selected Exercise
- Frequently Asked Questions and their Solutions
- Index

Author

Ekta Walia

Ekta Walia