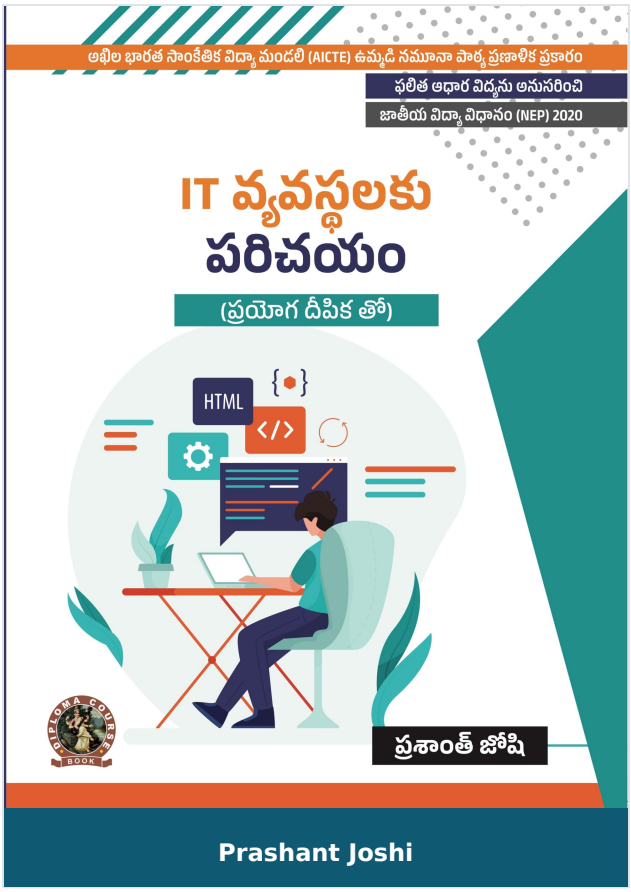

Introduction to IT Systems (with Lab Manual)

Author :	Prashant Joshi
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ISBN 10 :	9391505104
E-ISBN 13 :	978-93-91505-10-3
Edition :	1
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Publisher :	Khanna Publishing House
M.R.P :	Rs 295.00
Categories :	AICTE Prescribed Textbooks, Telugu Books, Book Store, Ebooks
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Product Description

“INTRODUCTION TO IT SYSTEMS” is a compulsory 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. Book covers five units – Internet Skills and Computer Basics, Operating Systems, HTML and CSS, Open Office Tools, and Information Security Best Practices. Each topic in units is written in easy ad lucid manner. Every unit contains a 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. Practical are included with each unit for better understanding of the theoretical concepts.

3. Book provides interesting facts and various activities pertaining to topics. OR Codes are used for additional E-resources, use of ICT, online code editors, online quiz etc.

4. Student and teacher centric subject materials included in balanced and chronological manner.

5. Figures, tables, source code for web programming, numerous examples and applications are included to improve clarity of the topics.

6. Objective questions, subjective questions and crossword exercises are given for practice of students after every chapter.

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- Operating Systems.
- HTML AND CSS.
- Open Office Tools.
- Information Security Best Practices.
- Annexure
- Appendices
- Index

Author

Prashant Joshi

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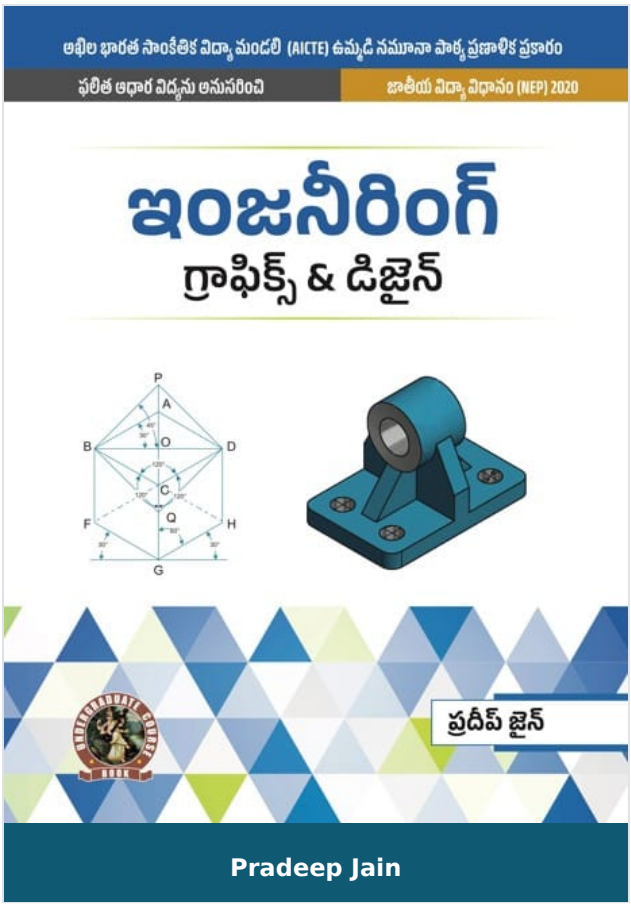

Engineering Graphics & Design

Author :	Pradeep Jain
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E-ISBN 13 :	978-93-91505-64-6
Edition :	1
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M.R.P :	Rs 295.00
Categories :	AICTE Prescribed Textbooks, Telugu Books, Book Store, Ebooks
Condition Type :	New
Country Origin :	India

Product Description

This textbook “Engineering Graphics and Design” is based on the latest outcome based model curriculum of the AICTE. The book covers complete syllabus catering requirements of all major technical universities and institutes and provides insights into traditional engineering graphics as well as treats of the subject using 2D and 3D design software. It offers technical details, current standard, real world examples and clearly explains theory and technique in highly visual and concise format. The topic covered in this book are arranged into 9 chapters comprising self-explanatory diagrams and solved examples.

Salient Features:

1. Introduction of Engineering Drawing.
2. Orthographic Projection.
3. Projection of Solids.
4. Section of Solids and Development of Surfaces.
5. Isometric Projection.
6. Overview of Computer Graphics.
7. CAD Drawing.
8. Solid Modelling.
9. Team Design Project.

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- Isometric Projection.
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Author

Pradeep Jain

Pradeep Jain has 15 years of experience in teaching and industry in CAD/CAM. presently he is working as an associate professor in the Department of Mechanical Engineering, Ajay Kumar Garg Engineering College, Ghaziabad. He is providing training and consultancy in CAD/ CAM field.

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T. G. Sitharam, Yogi Kochhar, Jasleen Ahluwalia

AIMagineering

Author :	T. G. Sitharam, Yogi Kochhar, Jasleen Ahluwalia
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Product Description

AIMAGINEERING

The Art and Science of Imagineering

“The world expands in direct proportion to the depth of our imagination.” — Inspired by Einstein (and lovingly upgraded by AI).

Cue the lights. Enter Amitabh Bachchan or Keanu Reeves; having coffee with Imagineering. Somewhere between the first sip and a cosmic spark, the future is born.

Now picture this: an 8th grader builds an AI that catches crimes before they happen, grows better crops, trades smarter than Wall Street, tracks climate credits, and designs your perfect study plan from a tablet smaller than their lunchbox.

Welcome to Imagineering, where science flirts with art and curiosity turns into code. Here Computer Vision, Spatial AI, Interaction AI, and Metaverse AI don’t just sound cool, they build the world you’ve only dreamed of.

Each chapter is a fast-paced story: part thriller, part classroom comedy, where students, celebrities, and robots team up to fix everything from traffic jams to fashion disasters.

Give a kid data, imagination, and a mentor and they’ll outbuild your future plans before you can say “upload complete.”

The future isn’t coming. They’re already coding it.

Prof. T G Sithoram

The civil engineer monk who conjures and speaks to blueprints and carves temples out of menhirs; he doesn’t just build foundations, he thinks them into existence.

Jas Ahluwalia

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A spark in sneakers; she turns chaos into projects faster than AI can say “let me process that.” Her laughter might just be the next renewable energy source.

Yogi Kochhar

The monk with a motherboard; he meditates on algorithms and dreams in metaphors, proving imagination isn’t a luxury, it’s an upgrade to consciousness.

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- AI & Edu. Evolution
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- AI & Logistics & Insurance
- Immortality, Nanobots, Space, Quantum & Blockchains
- AI & Tourism, Conservation & Adventure
- Event Management
- Social Media Dating, Deepfakes, IPR
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- AI & Pilgrimage

Author

T. G. Sitharam

T. G. Sitharam is a civil engineer, professor at IISc Bangalore, former director at IIT Guwahati. Currently, he is serving as Chairman of the All India Council for Technical Education, (AICTE) from 1 December 2002 onwards. He is known for his works in the fields of rock mechanics, rock engineering geotechnical earthquake engineering. He is an elected fellow of Indian Geotechnical Society, Institution of Engineers (India) and American Society of Civil Engineers.

Yogi Kochhar

Yogi Kochhar : - Yogi, an AI FUTURIST, works across sectors in US, UK and India to operationalize AI adoption at scale: his ability to simplify complex ideas and translate them into implementable constructs gives this book its unique clarity and force. Author, Poet Golfer, Trekker. Their collaboration results in a seminal work that charts not just what AI can do, but what it must do; strengthen institutions, empower citizens, and prepare societies for an era of profound transformation.

Jasleen Ahluwalia

Prof. T G Sithoram Jas Ahluwalia Yogi Kochhar

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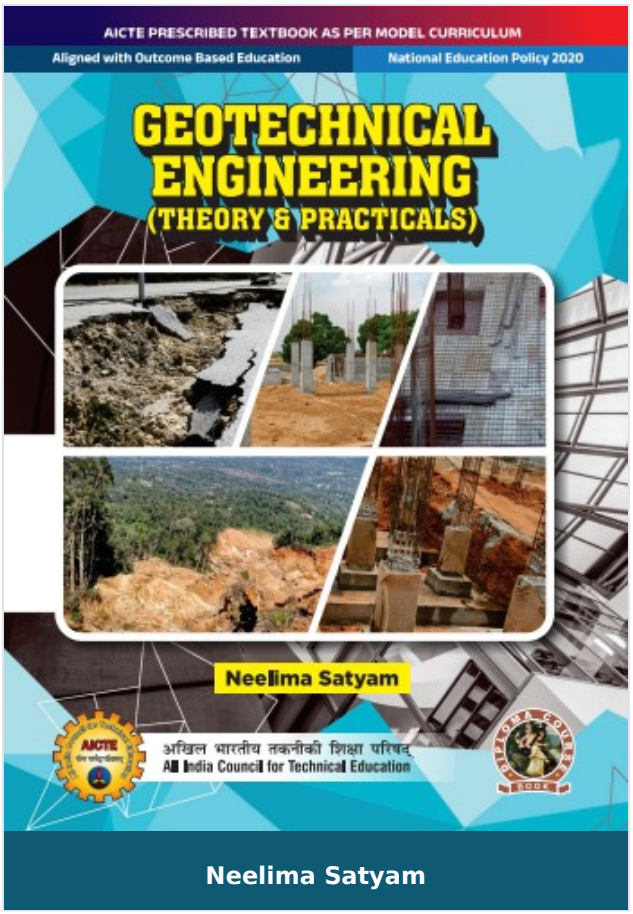

Geotechnical Engineering (Theory & Practicals)

Author :	Neelima Satyam
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ISBN 10 :	9355389604
E-ISBN 13 :	978-93-55389-60-2
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Country Origin :	India

Product Description

Geotechnical Engineering (Theory & Practicals)

This book introduces the fundamentals of Geotechnical Engineering to the students. It covers different applications of soil in the construction industry, with insights to practical application. The book equips the students to deal with real world problems related to Geotechnical Engineering. 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

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- Bearing Capacity of Soil
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- Appendices
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Author

Neelima Satyam

Dr. Neelima Satyam Professor, Indian Institute of Technology, Indore, Indore (M.P.), India

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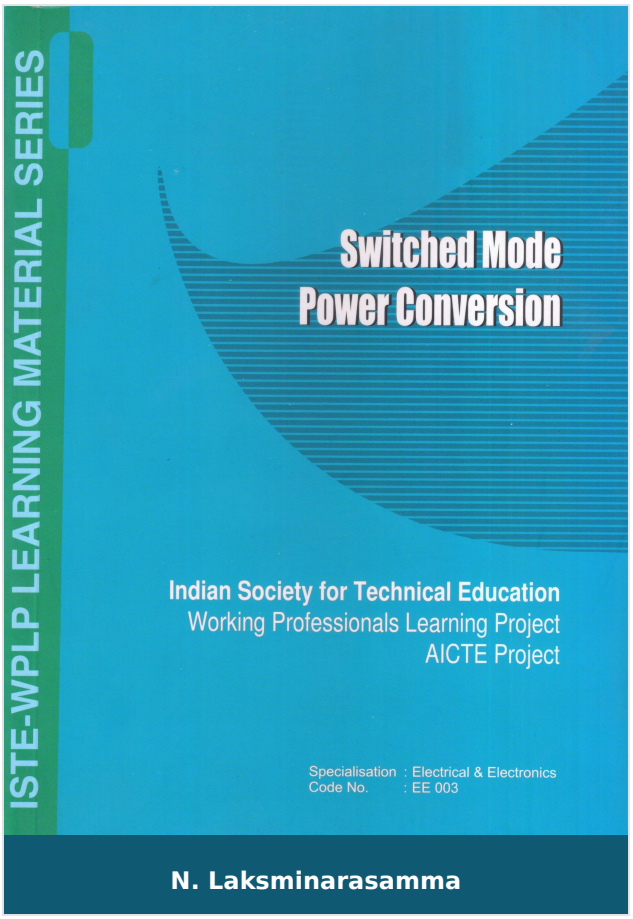

Switched Mode Power Conversion

Author :	N. Laksminarasamma
ISBN 13 :	978-93-55385-82-6
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Edition :	1
Pages :	84
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Year :	2011
Language :	English
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Product Description

The switched mode power conversion course is a design and application oriented subject with vast employment and career potential. Presently, the subject invariably has no laboratory component at all. When present, the laboratory session is a euphemism for a dry PC based entry and print out sessions linked to some branded circuit simulation software. However, the students rarely learn the skills of assembling circuits, testing & debugging the same and designing application circuits.

This learning module is intended to serve as a bridge course for fresh engineers who take up power engineering as their career. This will aid in filling the gap between the academics and the industry requirement. The material is designed to be schedules for five days. The study material gives an overview of switched mode power conversion with a design example organized in five Chapters as follows.

The concepts of power processing, a simple power processing system such as a power converter, elements available at the disposal of a power engineer in the design of efficient power converters are discussed in chapter 1. The study state analyses of the basic converter topologies are explained. The basic design of a power converter is explained in Chapter 2 by a spread sheet procedure. Simulation of the designed topology using circuit simulation software SEQUEL (Solver for Equation with User defined Elements) is discussed. The theoretical estimation of the efficiency of the designed power converter is discussed in Chapter 3. The effects of increase in the switching frequency on the losses incurred in the power converter are discussed with a design example.

The state of the art in the power converters are discussed in Chapter 4. The demand is forever moving towards high power densities for which higher switching frequencies becomes inevitable. The problems associated with higher switching frequency are discussed. The technology which provides a solution for high power density power converters such as soft switching are discussed. The concepts of soft switching with an

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example is explained. Chapter 5 gives an Introduction to construction projects of scaled down power level. These may be used as training kits along with this learning module to get an overview of switching converters.

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Author

N. Laksminarasamma

Dr. N. Lakshminarasamma, Faculty, Dept. of Electrical Engineering, Indian Institute of technology, Madras, Chennai. Email: lakshmin@iitm.ac.in N. Lakshminarasamma received B.E. degree in Electrical Engineering in 1994, Master in power electronics in 1997 from Bangalore University, and Ph.D. degree from Indian Institute of Science, Bangalore, India in 2007. Currently she is faculty at Indian Institute of Technology Madras, Chennai. She has 4 years of academic experience in B.M.S. college of Engineering, Bangalore and Nitte Institute of Technology, Bangalore in the Dept. of Electrical Engineering; she has worked as a software engineer with 12 Technologies India Private Limited and as a Systems Engineer in GE Healthcare India Limited. She has coauthored four journal papers in peer-reviewed journals, including the IEEE Transactions on Power Electronics and several premier conferences. Her areas of interest are power electronics, switched mode power converters and resonant converters.

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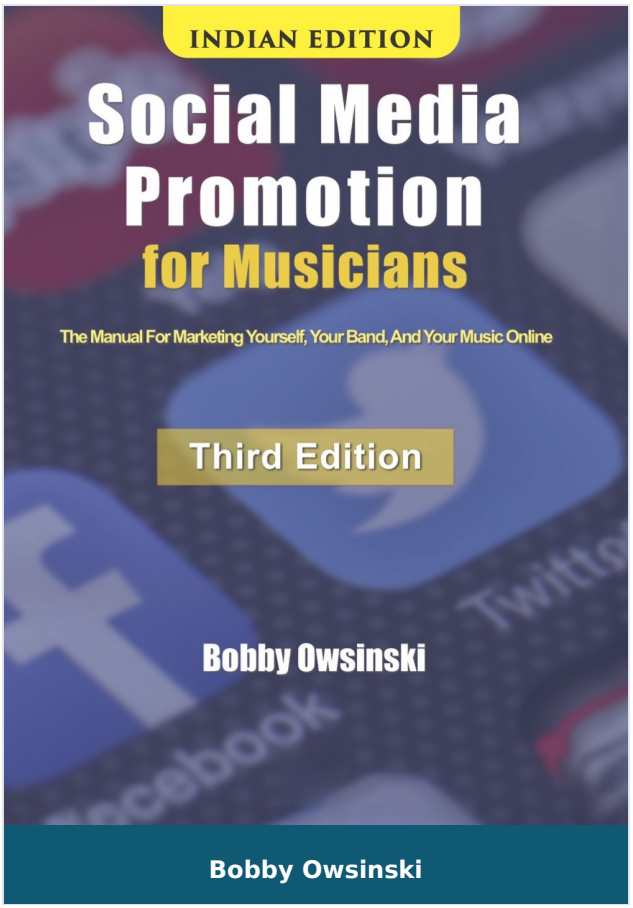

Social Media Promotion for Musicians (Indian Edition)

Author :	Bobby Owsinski
ISBN 13 :	978-93-55383-32-7
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Country Origin :	India

Product Description

Learn how to efficiently use your online presence to promote your band, your music or yourself with the totally revised Third Edition of Social Media Promotion for Musicians. The updated book reveals the latest insider tips on how to use both the most popular platforms like Instagram, Facebook, YouTube and TikTok in conjunction with your website and mailing list to gain more fans, followers, views and streams.

If you’re an artist, band, engineer, producer or songwriter, Social Media Promotion for Musicians Third Edition provides the newest techniques and strategies to increase your online and streaming presence without taking away precious time from making music. BONUS: Now includes a special chapter on marketing to playlists|

You’ll Discover

. How to maximize your online exposure to increase your fan base

. How to have more time for creating by saving at least an hour each day on social media posting, and with better results|

. Exclusive Facebook, YouTube, Instagram, TikTok and Twitter promotional tips that boost your streams, views and followers

. How to uncover and develop your personal or band’s brand

. The secret behind successful posts and tweets that get maximum engagement

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- Marketing with Twitter
- Using LinkedIn for Marketing
- Marketing With Blog
- Playlist Marketing
- Posting Frequency Strategy
- Glossary
- Abou 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

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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 BobbyOInnerCircle.com, and his website at BobbyOwsinski.com.

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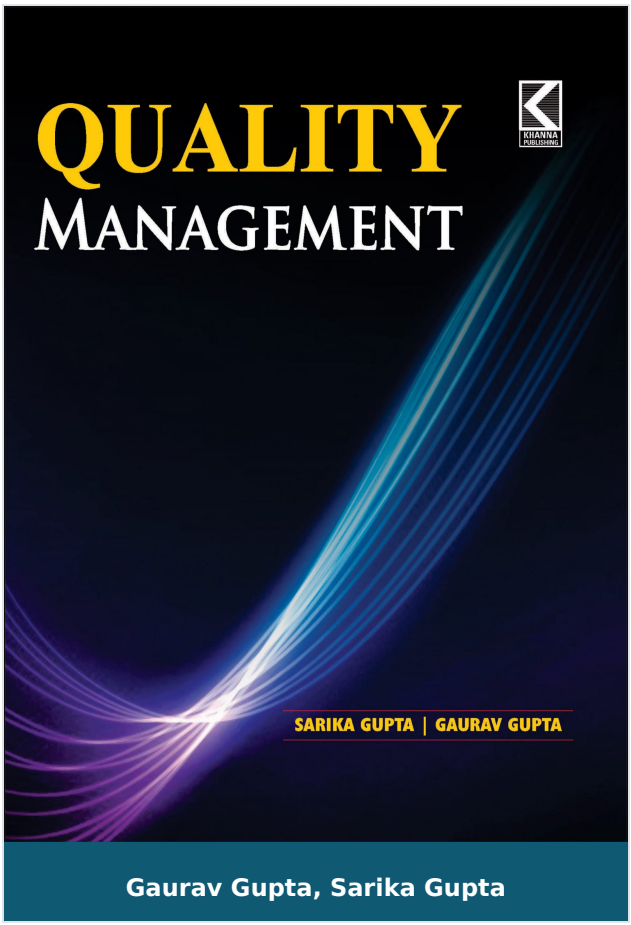

Quality Management

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Product Description

Quality management thinking has influenced a revolution in the way organizations are managed over the past few decades. Idea such as customer focus, ethical management, continuous improvement, Six sigma, leadership and organizational learning have all been impacted by and in some cases developed from this important field. this provides a coherent view of the underlying principles quality management, and how these relate to practical application in a range of organizations. This book is designed to provide an overview of the key elements, important historical context and current debates in the field of quality management. It aims to give a coherent view of the underlying principles of quality management, and how these relate to practical application in a range of organization.

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- Defect Diagnosis
- ISO9000
- MODEL TEST PAPER
- QUESTION BANK

Author

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Gaurav Gupta is currently working as Manager Client Services in an IT MNC. He has more than Nine years of corporate experience with different MNCs. He has published Research Papers in various international Journals and attended conferences at several states. His area of interest includes Server and Databases, Data Center technologies and IT infrastructure, Project Management, Marketing Automation and different enterprise software's, CRM, ERP etc.

Sarika Gupta

Sarika Gupta Sarika Gupta is currently working as Assistant Professor in the Department of Computer Science and Engineering at Dronacharya College of Engineering, Greater Noida. She has more than six years of teaching and corporate experience. She has

already published Research Papers in various international Journals and conferences of repute. Her area of interest and research includes AdHoc Network, Java, Object Oriented System and Soft Computing etc.

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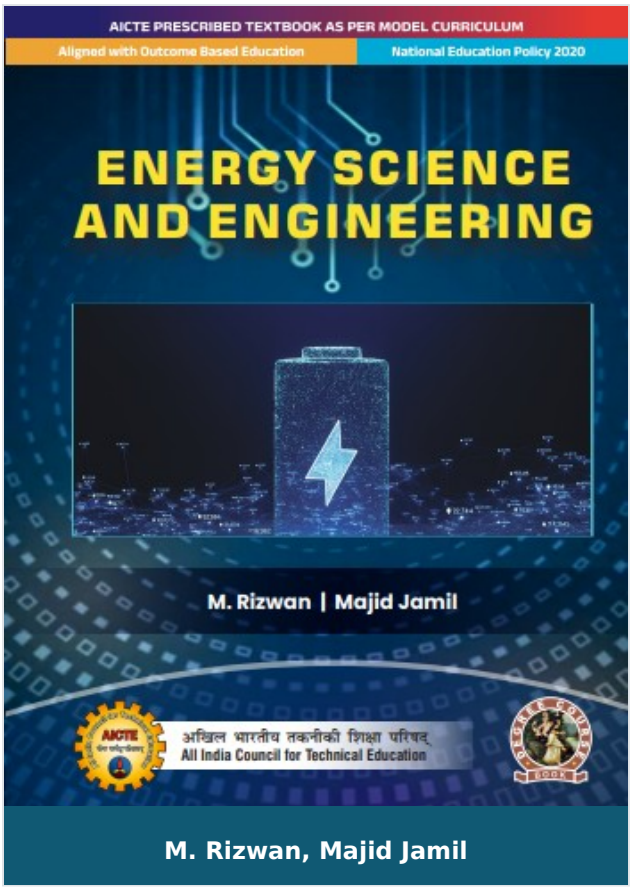

Energy Science and Engineering

Author :	M. Rizwan, Majid Jamil
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Product Description

Energy Science and Engineering

This book has been designed for second-year students of undergraduate students in the engineering program. It will prove to be a valuable source for practicing engineers and faculty members. The book is divided into seven units and provides all the necessary information on an introduction to energy systems and renewable energy resources, with a scientific examination of the energy field with an emphasis on alternative energy sources, their technology and applications.

This book will provide an opportunity to explore society’s present energy needs and future energy demands, examine conventional energy sources and systems including fossil fuels and nuclear energy. More focus of this book is on renewable energy sources, sustainability, and the environment. Clean energy technologies and their importance in sustainable development, carbon footprint, energy and environment, trade and research policy, future energy use that can be influenced by the economics, linkage between economic and environmental outcomes are discussed by including the latest available statistical data. This book also covers topics on civil project development for creating energy infrastructure. Concepts of green building and green architecture, energy auditing and energy enterprises with some practical examples are presented in easy language to understand the fundamental concepts. It is important to note that in all the units, dynamic QR codes are provided to collect additional knowledge on the specific topic.

Salient Features:

- Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes and Unit Outcomes.
- In the beginning of each unit learning outcomes are listed to make the student understand what is expected out of him/her after completing that unit.

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- 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.

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- Energy and Environment
- Civil Engineering Projects Connected with Energy Sources
- Building Structure for Nuclear Power Plants
- Engineering for Energy Conservation (Green Building and Green Architecture)
- Engineering for Energy Conservation (Energy Auditing, Efficiency & Energy Conservation)
- Unit Summary
- Short and Long Answer Type Questions
- References and Suggested Readings

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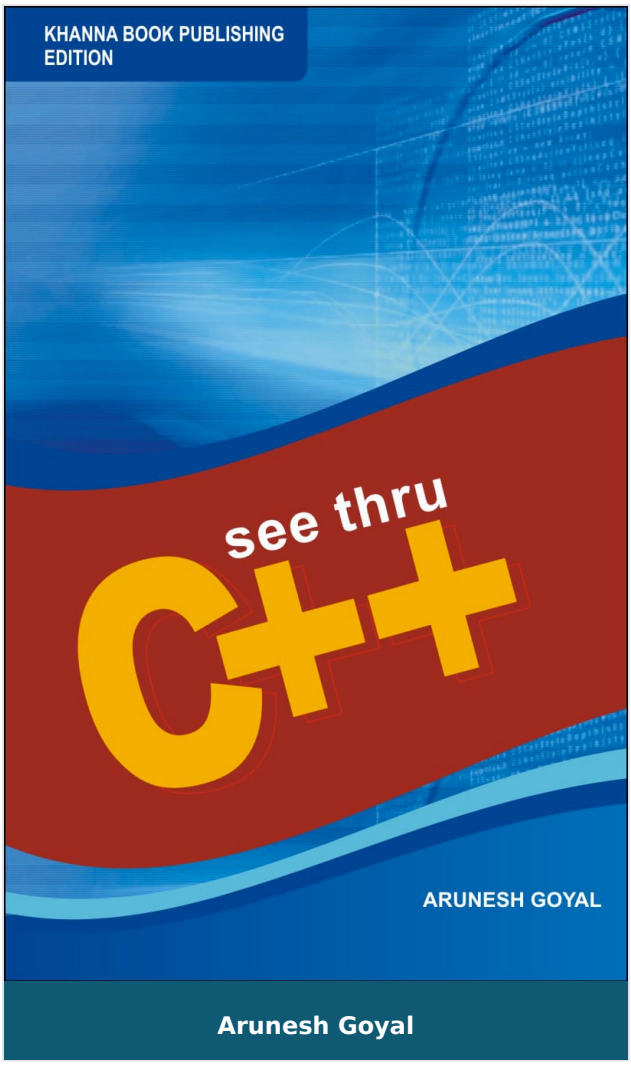

See Thru C++

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Product Description

One of the major features is that the book teaches C++ without any repetition of topics already learned in C. An all out effort has made to keep it, simple, short & interesting; The sample examples and practical sessions have been suitably designed to corroborate the corresponding theory. Both the theoretical and practical aspects of programming have been kept in mind. Wherever required, the book explains with the help of diagrams, flowcharts, tables etc. the relevant topics. concepts of classes, objects, exception handling, templates, and virtual functions are discussed in a manner that students of all streams can easily understand such complex topics. C++ streams and class libraries are introduced in an easy-to understand language. Implementation of inheritance, encapsulation, operator overloading and dynamic or run-time binding is explained using simple examples. A large number of explanatory diagrams are also a salient feature of the book. Several interesting appendices including "ANSI C++: New feature", "event driven processing", "Typical problems" and "case students" have been included. The also carries a Bibliography (both C & C++) for interested readers. A stand out and a novel feature of the book is its, winding it Up! section at the end of every chapter that not only sums it up but also arouses the readers' interest in the subject matter introduced therein. The book contains a rich repertoire of the object-oriented computer jargon in its glossary section.

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- Functions in C++
- OPP: An analysis
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- Inheritance: The Concept of Classes Extension
- Pointers, References and dynamic Allocation
- Operator Overloading
- Virtual Functions and Polymorphism
- Templates
- Console I/O Operations
- Dealing with Files
- Exception Handling
- The Standard Template Library
- Working with the String Class

Author

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Arunesh Goyal is a topper from University of Delhi {B.Sc. (H) Mathematics: Kirorimal College. North Campus}. He has been personally awarded by Mr. Amitabh Bachchan. He is also a First Division MCA degree holder from the same university. Besides, he has worked as Computer Analyst/Consultant at St. Stephen's Hospital, Delhi for more than 10

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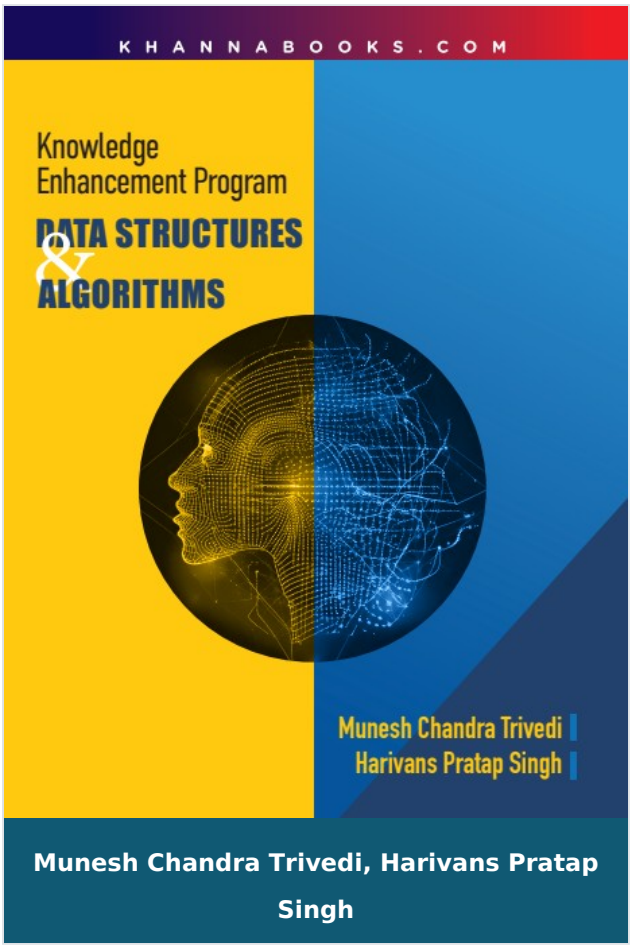

Data Structures & Algorithms (Knowledge Enhancement Program)

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Product Description

My Book of Data Structures and Algorithms in a comprehensive and learner-friendly guide crafted for students, professionals, and aspirants preparing for GATE, competitive coding, and IT interviews. It serves as both an academic companion and a practical reference manual for mastering the foundational and advanced concepts of data structures and algorithm design. Rooted in real-world problem-solving, the book seamlessly blends theoretical clarity with hands-on implementation across languages like C, C++, Java and Python. Designed in alignment with university syllabi and modern industry requirements, this book is ideal for readers at all levels- from engineering undergraduates to working professionals aiming to sharpen their algorithmic thinking.

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- QUEUE
- GRAPH
- TREE AND TRIES

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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

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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.

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

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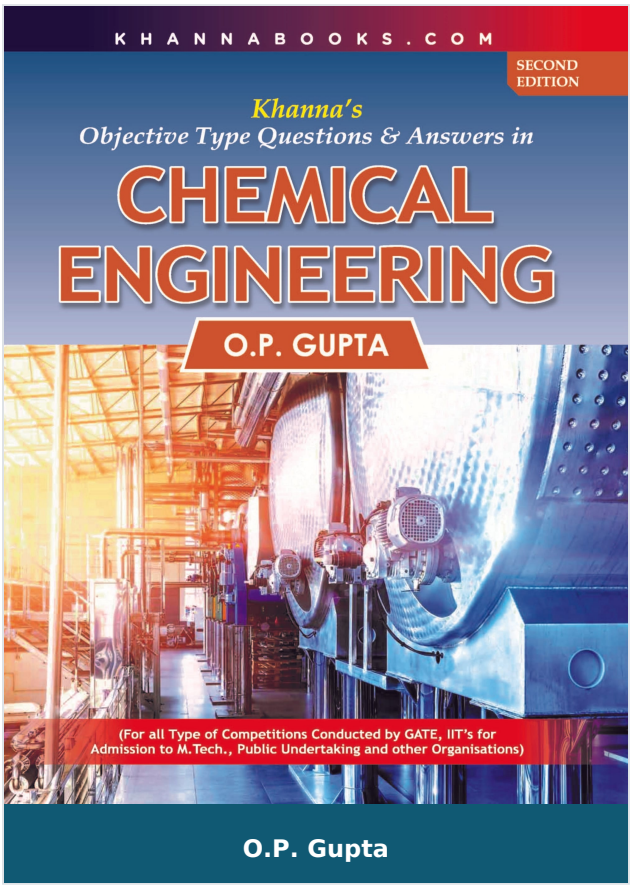

Khanna's Objective Type Questions & Answers in Chemical Engineering

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This book is meant for diploma students of chemical engineering and petroleum engineering both for their academic program as well as for competitive examinations. This book contains 18 chapters covering title entire syllabus of diploma course in chemical engineering and petrochemical engineering.

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O.P. Gupta Om Prakash Gupta is basically being a chemical engineer, he has a practising experience of efficient Ennergy management and HR functions in steel Industry for more than three decades. privileged to be the youngest writer of technical books in the country (for he had written his first book at the age of 24 years while doing M. Tech. at I.I.T kanpur in 1979), he has authored many frontline books for engineering students. besides, being the regular faculty member in technical courses for Management Trainees (Technical), he has also visited england and france on a study tour sponsored by United Nations Development Programme (UNDP) to study the scope of energy conservation in steel plants in 1987.

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Introduction to IT Systems (with Lab Manual)

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Product Description

“INTRODUCTION TO SYSTEMS” is a compulsory paper for the first year Diploma 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 five units- Internet Skills and Computer Basics, Operating Systems, HTML and CSS, open Office Tools. And information Security Best Practices. Each topic in units is written in each and lucid manner. Every unit contains a set of exercise at the end of each unit to test 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. Practical are included with each unit for better understanding of the theoretical concepts.

3. Book Provides interesting facts and various activities pertaining to topic. QR Codes are used for additional E-resources, use of ICT, online code editors, online quiz etc.

4. Student and teacher centric subject materials included in balanced and chronological manner.

5. Figures, tables, source code for web programming, numerous examples and applications are included to improve clarity of the topics.

6. Objective questions, subjective questions and crossword exercise are given for practice of students after every chapter.

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- Annexure
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