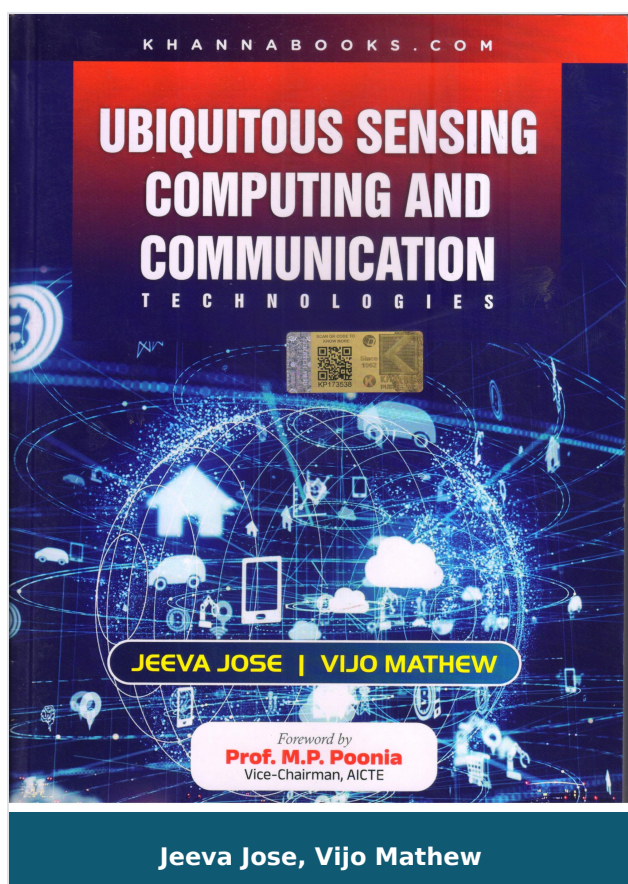




Ubiquitous Sensing Computing and Communication Technologies

Author : Jeeva Jose, Vijo Mathew

ISBN 13 : 978-93-55381-99-6

ISBN 10 : 9355381999

E-ISBN 13 : 978-93-55381-99-6

Edition : First

Pages : 446

Type of book : Physical

Year : 2024

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 449.00

Categories : [Computer Science Engineering,](#)
[Emerging Technologies, Book](#)
[Store, Best Sellers](#)

Condition Type : New

Country Origin : India

Product Description

Salient Features of the Books:

- *Covers Complete AICTE syllabus of lot-03 minor degree course- Ubiquitous Sensing, Computing and Communication.
- * The Basics of IoT- Mechanical, Electronics and Sensor platforms are explained.
- * Different wired and wireless protocols, mobile to Electronics and Enterprise integration are discussed.
- * Open Source and Commercial Electronics Platform for IoT demonstrated.
- * Details of Open Source and Commercial Enterprise cloud platforms for Io provided.
- * Each chapter is provided with objective questions with answers and review questions.
- * The full form and explanation of the abbreviations used are given in each chapter.

Table Of Contents

- Sensing, Computing and Communication
- Ubiquitous Sensing
- Ubiquitous Communication
- Sensor networks
- Software Defined Network
- Sensor Cloud
- Sensor Web
- Ubiquitous Computing
- Cloud Computing
- Edge, Fog, Mist, Dew Computing
- Wearable Computing
- Affective Computing
- Cognitive Computing
- Context Aware Computing
- Social Network
- IoT Data Analytics and Management
- Internet and Deep Web
- Search Techniques and Search Engines.

Author

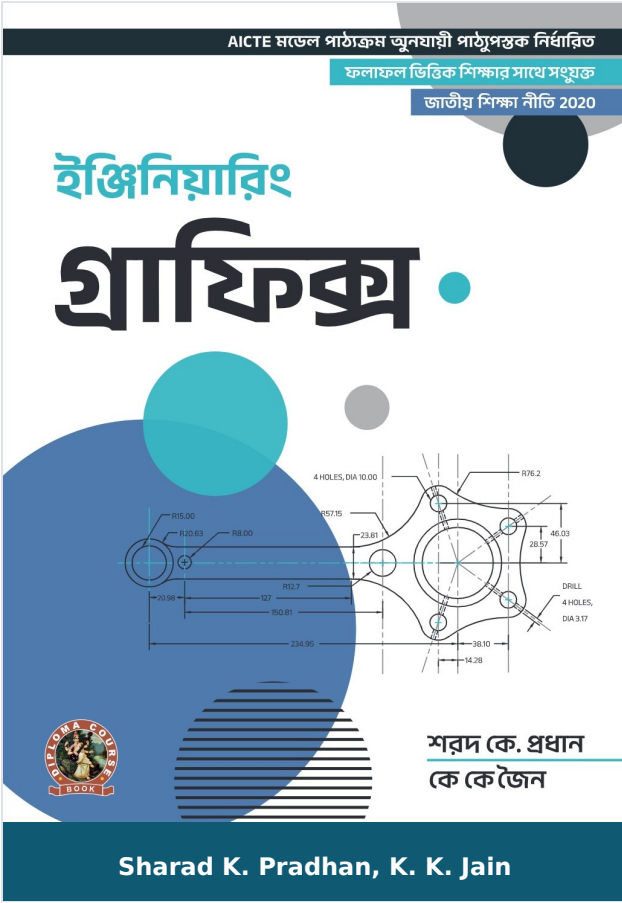
Jeeva Jose

Dr. Jeeva Jose completed Ph. D. in Computer Science from Mahatma Gandhi University, Kerala, India and is a faculty member at BPC College, Kerala. Her passion is teaching and

areas of interests include world wide web, Data Mining and Cyber laws. She has been in higher education for the last 15 years and has completed three research projects funded by UGC and KSCSTE. She has published more than twenty research papers in various refereed journals and conference proceedings. She has edited three books and has given many invited talks in various conferences. She is a recipient of ACM-W Scholarship provided by Association for Computing Machinery, New York.

Vijo Mathew

Vijo Mathew is a highly accomplished engineer with three decades of experience in driving innovation and growth in various electrical, electronics, and information technology industries. His track record is complemented by a postgraduate degree in management, equipping him to excel in business management, strategic management, and technology management. His expertise is highly valued in the fields of software, electrical and electronics hardware, and design where he provides strategic guidance and mentorship to organizations seeking to stay ahead of the curve. He has demonstrated a unique ability to bridge the gap between technology and business driving success through his visionary approach and collaborative leadership style. His leadership skills and technical acumen have made him an advisor to some reputed national and international corporations. As an advisor and strategic leader, he is helping organizations achieve their full potential through innovative solutions, effective management, and visionary leadership. He is also author of many books related to technology and management.



Engineering Graphics

Author : Sharad K. Pradhan, K. K. Jain

ISBN 13 : 978-93-55381-36-1

ISBN 10 : 9355381360

E-ISBN 13 : 978-93-55381-36-1

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,](#)
[Bengali Books, Book Store,](#)
[Ebooks](#)

Condition Type : New

Country Origin : India

Product Description

“ Engineering Graphics” 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 six topics- Basic Elements of drawing , Orthographic Projections, Isometric Projections, Free Hand Sketcher of Engineering Elements, Computer Aided Drafting Interface, Computer Aided Drafting. Each topic is written in easy and lucid manner. Every chapter 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 is aligned with the mapping of Course Outcomes, Programs Outcomes and Unit Outcomes.
2. 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.
3. Book provides lots of recent information, interesting facts, Codes for E-resources, QR Code for use of ICT, projects, group discussion etc.
4. Student and teacher centric subject materials included in book with balanced and chronological manner.
5. Figures, tables and software screen shots are inserted to improve clarity of the topics.
6. Apart from essential information a 'Know More' section is also provided in each unit to extend the learning beyond syllabus.
7. Short questions, objective questions and long answer exercises are given for practice of students after every chapter.

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

Table Of Contents

- Foreword,
- Acknowledgement,
- Preface,
- Outcome Based Educations,
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- List of tables Guidelines for Teachers,
- Guidelines for Students
- Basic Elements of Drawing.
- Orthographic Projections.
- Isometric Projections.
- Free Hand Sketches of Engineering Elements.
- Computer Aided Drafting Interface.
- Computer Aided Drafting.

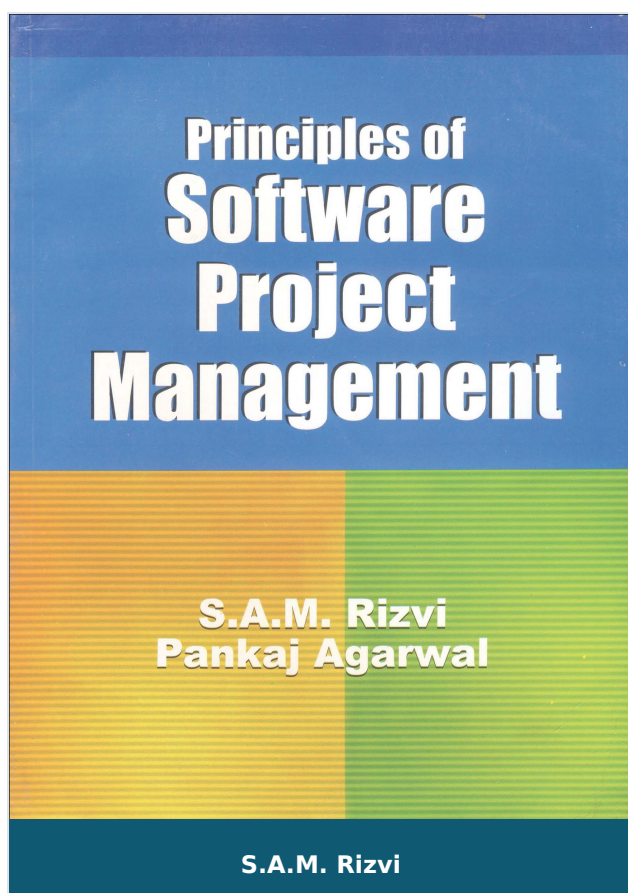
Author

Sharad K. Pradhan

Sharad K. Pradhan

K. K. Jain

K. K. Jain



Principles of Software Project Management

Author :	S.A.M. Rizvi
ISBN 13 :	978-93-80016-02-3
ISBN 10 :	9380016026
E-ISBN 13 :	978-93-80016-02-3
Edition :	1
Pages :	340
Type of book :	Physical
Year :	2010
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

Principles of Software Project Management

Table Of Contents

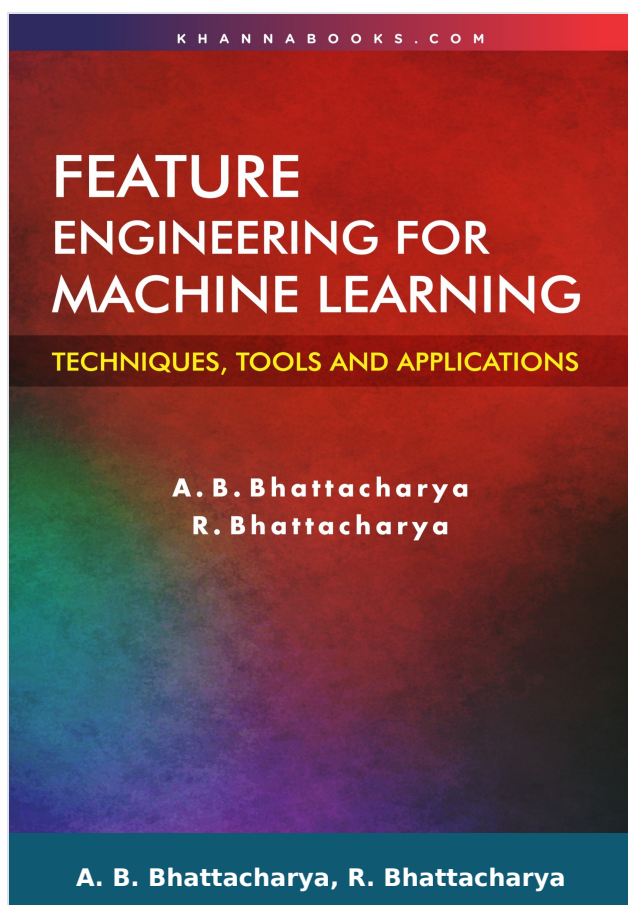
- Introduction to Project Management
- Project Planning
- Project Evaluation
- Project Scheduling
- Software Estimation
- Project Monitoring and Control
- Software Project Risk Management
- Software Quality Assurance
- Software Configuration Management
- MS Project Tutorial

Author

S.A.M. Rizvi

Dr. S.A.M. Rizvi is a Ph.D in Computer Science & Engineering, and an internationally recognized Computer Scientist of repute, having more than 25 years of experience out of which seven years as Professor of Computer Science and Academic Administrator in India and Abroad prior to his joining Jamia Millia Islamia, New Delhi, as an Associate Professor and Former Head in the Department of Computer Science. He has taught in (Credit Hour) USA, Australian, UAE and Indian Educational Systems. An Institution Builder, he has to his credit of being Instrumental in establishing Engineering Colleges, Deemed University and attaining these institution the highest level of National and International Accreditation. Dr. Rizvi is an Expert in Software Engineering with numerous publications of research papers and textbooks in the area of Computer Science and its applications. He has been instrumental in designing courses as Chairman and member of BOS and Academic Bodies

of Various Universities and Engineering Colleges.



Feature Engineering for Machine Learning (Techniques, Tools and Applications)

Author : A. B. Bhattacharya, R. Bhattacharya

ISBN 13 : 978-93-74541-51-7

ISBN 10 : 9374541513

E-ISBN 13 : 978-93-74541-51-7

Edition : First

Pages : 388

Type of book : Physical

Year : 2026

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 495.00

Categories : [New Arrivals, Emerging Technologies, Book Store](#)

Condition Type : New

Country Origin : India

Product Description

Feature Engineering for Machine Learning (Techniques, Tools and Applications)

Feature engineering is where machine learning success is truly built.

Algorithms get the spotlight, but the real competitive edge lies in how you shape your data. Feature Engineering for Machine Learning is your practical, no-nonsense guide to transforming raw data into powerful signals that unlock model performance, reliability, and insight.

Whether you're a data scientist, ML engineer, analyst, or student, this book takes you beyond theory into the craft of creating features that matter. You'll learn how to identify meaningful patterns, design robust transformations, handle messy real-world data, and systematically improve model outcomes.

Key Features

Through clear explanations, real examples, and actionable techniques, you'll discover how to:

- Turn raw data into predictive features
- Apply domain knowledge to engineer smarter signals
- Handle categorical, temporal, and high-dimensional data
- Avoid common pitfalls that sabotage model performance
- Build scalable, reproducible feature pipelines

Feature engineering isn't just a step in the workflow, it's the foundation of great machine learning. Master it, and you don't just build models... you build better decisions.

Table Of Contents

- Preface
- Acknowledgement
- INTRODUCTION TO FEATURE ENGINEERING
- BASIC FEATURE PREPROCESSING
- FEATURE ENGINEERING TECHNIQUES
- FEATURE EXTRACTION VS. FEATURE SELECTION
- ADVANCED TOPICS AND CASE STUDIES

Author

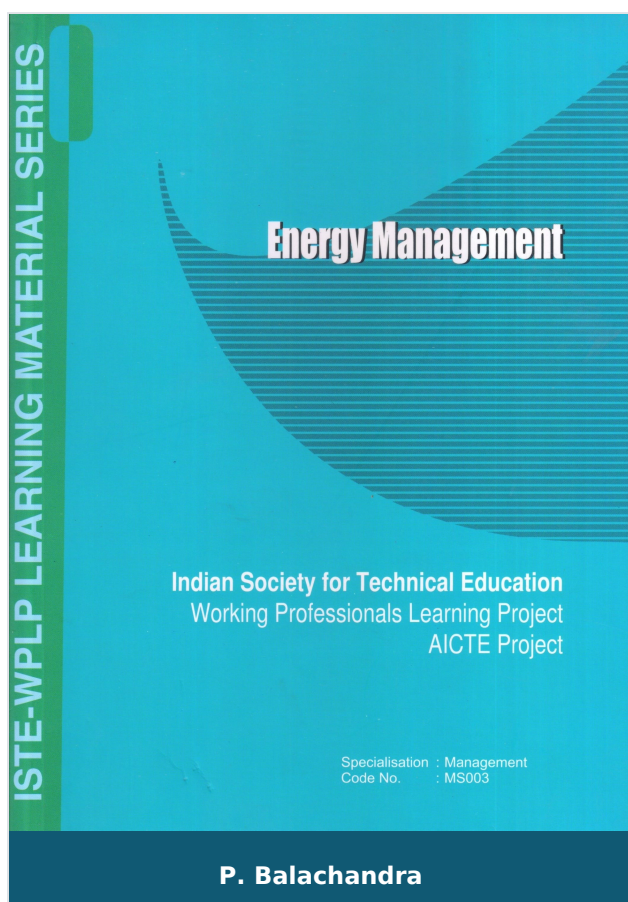
A. B. Bhattacharya

Prof. A. B. Bhattacharya did his MSc and PhD degree from the University of Calcutta in Physics and Post-doc from the Massachusetts Institute of Technology (MIT), Cambridge, USA. He worked in close collaboration with the leading laboratories like Lincoln Laboratory; Milestone Hill Observatory; Earth, Atmospheric and Planetary Sciences division of MIT and many other well recognized laboratories in India and abroad. He served as Professor & Head of the Department of Physics, University of Kalyani; Dean of Research and Head of the ECE Department, Techno India University; Pro Vice Chancellor of JIS University and Director of Brainware University. He has published 32 text books for Science and Engineering students, two popular books for general readers and over 400 research articles in reputed International Journals. Under his supervision 24 scholars received their doctoral degree. He is a fellow of the Institute of Electronics and Telecommunication Engineers and member of many scientific organizations. India International Friendship Society awarded him the prestigious "Shiksha Ratna Award" and Certificate of Excellence for meritorious services, outstanding performance and significant

contribution to education. The International Institute of Success Awareness honored him with their globally recognized "Glory of India Gold Medal" for his outstanding contribution to the national stature of India. A few words from the certificate issued by Prof. Williams of MIT may be quoted "Our collaborative effort was directed at the wavelength dependence of radar echoes observations with the Millstone Hill UHF radar in Westford. He made use of the Charles River Data System computer in the Weather Radar Laboratory for these calculations. His results help to make a convincing case that the volume reflectivity associated with lightning is a diminishing function of radar wavelength, contrary to contemporary thinking". Dr.

R. Bhattacharya

R. Bhattacharya



Energy Management

Author :	P. Balachandra
ISBN 13 :	978-93-55384-47-8
ISBN 10 :	9355384475
E-ISBN 13 :	978-93-55384-47-8
Edition :	1
Pages :	266
Type of book :	Physical
Year :	2011
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 369.00
Categories :	Management Books, Book Store, ISTE Series
Condition Type :	New
Country Origin :	India

Product Description

Supply and utilization of energy, forms an integral part of economic development of a country. Further, energy interacts with all aspects of social and economic development, including livelihoods, water, agriculture, industry, environment, population, health education, job creation and gender- related issues. These energy interactions have both positive and negative implications for every sector of the economy as well as for the environment. The objective of the author, is to introduce the prospective readers of this book to the fascinating world of energy and how it interacts with many other systems which are closely connected to the human system. This is done with a focus on India.

Table Of Contents

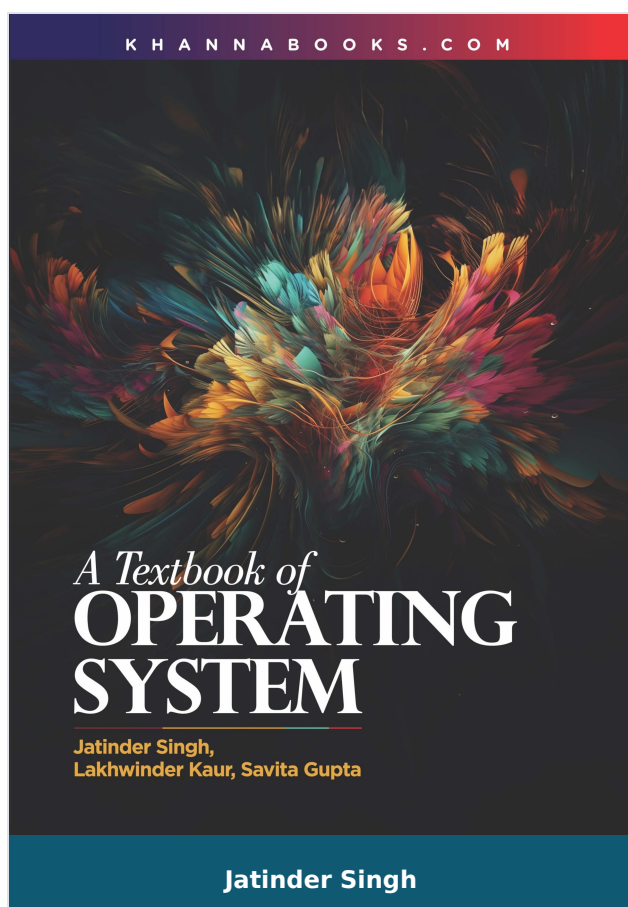
- Foreword
- Preface
- Energy Basics and Fundamental Concepts.
- Dynamics of Energy Supply and Demand in India.
- Energy and Economic Development.
- Energy and Sustainable Development.
- Energy Production and Utilization: Implications for Environment.
- Economics of Energy Supply and Use.
- Energy Efficiency: A new Source of Energy.
- Renewable Energy.
- Energy Modeling and Integrated Resource Planning.
- Energy Supply and Demand Security,
- Energy Policy and Regulatory Issues.
- Typical Questions
- Bibliography
- Appendix

Author

P. Balachandra

Dr. P. Balachandra is a member of the Faculty, at the Department of Management Studies and Associate Faculty at the Centre for Sustainable Technologies Indian Institute of Science (IISc), Bangalore, India. In addition, he served as a visiting expert at the Harvard Kennedy School, Harvard University, USA; UNDP-Regional Centre, Bangkok; Asian Institute of Technology, Bangkok and Indira Gandhi Institute of Development Research,

Mumbai. He received his ph.D. in Energy and Environment from the IISc in 2000. He has about 22 years of Research and Teaching experience in the field of energy, environment and technology management. His Research expertise includes energy & environmental economics and policy, sustainable development, climate change mitigation, technology transfer and diffusion, renewable energy and sustainable mobility. His Research is focused predominantly on policy analysis, technology assessments, economic analyses, modeling and planning, arriving at solutions relevant for developing countries like India and tracing from the perspective of sustainable development. He has investigated about 20 research and consultancy projects. Prominent Organizations, for which he has carried out Consultancy/Research assignments, are UNDP, European Commission, World Bank, SIDA AIT, TERI, IGIDR and various ministries of Government of India and private sector organizations. He has co-authored three books and published about 70 papers in various international and National journals, conferences and edited books.



A Textbook of Operating Systems

Author :	Jatinder Singh
ISBN 13 :	978-81-90744-81-2
ISBN 10 :	819074481X
E-ISBN 13 :	978-81-90744-81-2
Edition :	1
Pages :	976
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 998.00
Categories :	Computer Science Engineering, Book Store
Condition Type :	New
Country Origin :	India

Product Description

Keywords to revise the work and huge emphasis on relevant figure work. Special focus on process, memory, storage and input output management. Special chapters on the networks, distributed and multiprocessing. Review questions and other exercises are provided at the end of each chapter enabling the readers to touch the core of the subject. excellent organization of material, keeping in view the syllabus of different universities. Presents large no. of case studies for better understanding.

Table Of Contents

- Introduction to Operating Systems
- Process Management
- Memory Management
- File and Device Management
- Security and Protection
- Network and Distributed Systems
- Case Studies of Operating Systems

Author

Jatinder Singh

Er. Jatinder Singh (Asst. Professor) Dept.of I.T. , S.S.S. College of Engg. And Tech.
Gurdaspur (PB)



Applied Physics-I (with Lab Manual)

Author : V. K. Yadav, Mina Talati

ISBN 13 : 978-93-91505-92-9

ISBN 10 : 9391505929

E-ISBN 13 : 978-93-91505-92-9

Edition : First

Pages : 272

Type of book : Physical

Year : 2022

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 395.00

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

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

“Applied Physic-I” is a compulsory paper for the first year Diploma course in Engineering & Technology. Syllabus of this books is strictly aligned as per model curriculum of AICTE, and academic content is amalgamated with the concepts of outcome-based education.

Book covers six topics- Physical World, Units and Measurements; Force and Motion; Work, Power and Energy; Rotational Motion; Properties of Matter; Heat and Thermometry. Each topic is written in easy and lucid manner. Every chapter 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 is aligned with the mapping of Course Outcome, Programs Outcomes and Unit Outcomes.
2. Book provides lots of interested facts, QR Code for E-resources, QR Code for use of ICT etc.
3. Students and teacher centric subject materials are included in book with balanced and chronological manner.
4. Figures and tables are inserted to improve clarity of the topics.
5. Short questions, objective questions and long answer exercises of different difficulty levels are given for practice after every chapter.
6. Solved numerical examples are provided with systematic steps in each chapter followed by numerical exercises with hints.

Table Of Contents

- Physical World, Units and Measurements
- Force and Motion
- Work, Power and energy
- Rotational Motion
- Properties of Matter
- heat and Thermometry
- Annexes
- Appendices
- Index

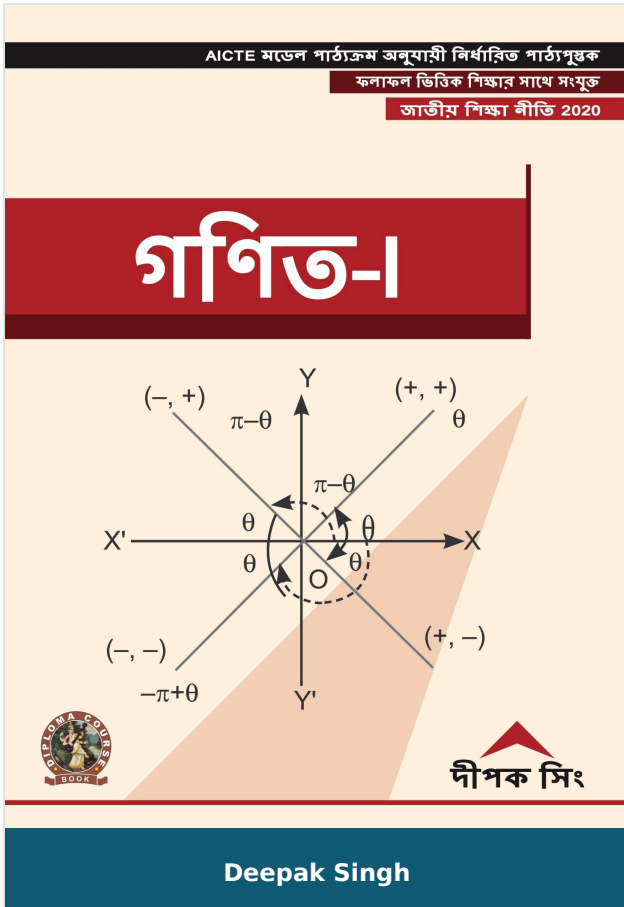
Author

V. K. Yadav

V. K. Yadav

Mina Talati

Mina Talati



Mathematics I

Author :	Deepak Singh
ISBN 13 :	978-93-55381-31-6
ISBN 10 :	935538131X
E-ISBN 13 :	978-93-55381-31-6
Edition :	First
Pages :	192
Type of book :	Physical
Year :	2022
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 395.00
Categories :	AICTE Prescribed Textbooks, Bengali 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.

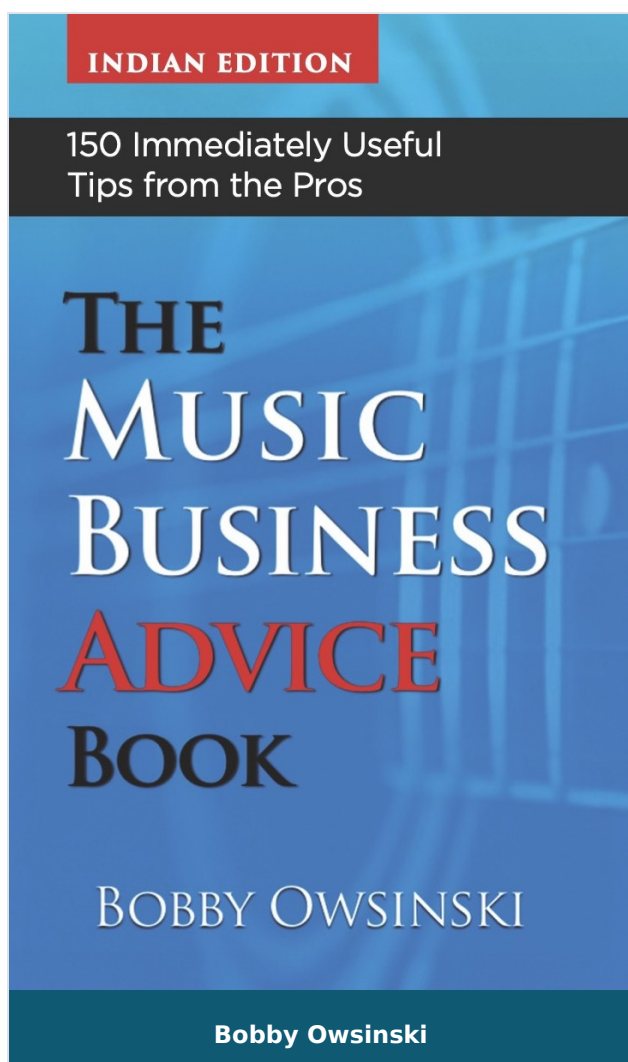
Table Of Contents

- 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



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

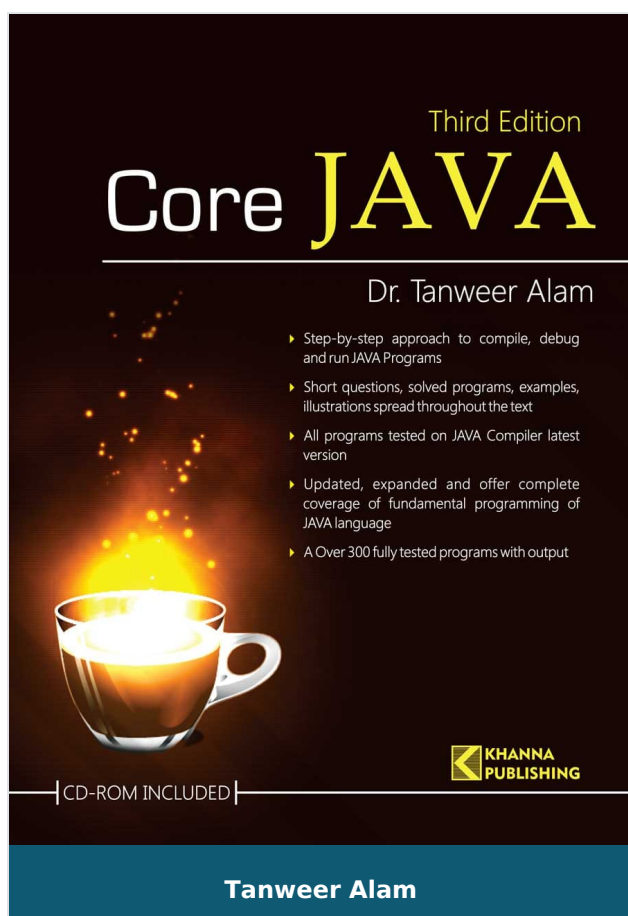
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- Tables of Contents
- Follow Your Passion
- Learn to Network
- Play Well with Others
- Educate Yourself
- Own Your Content
- Getting Paid
- Taking Care of Business
- Music Gems of Wisdom
- Addendum: The 10 Rules of Networking
- About Bobby Owsinski

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.



Core JAVA

Author :	Tanweer Alam
ISBN 13 :	978-93-82609-10-0
ISBN 10 :	9382609105
E-ISBN 13 :	978-93-82609-10-0
Edition :	3
Pages :	592
Type of book :	Physical
Year :	2015
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 380.00
Categories :	Computer Science Engineering, Book Store
Condition Type :	New
Country Origin :	India

Product Description

This book will be of great help to programmers who are already familiar with programming in C,C++ or VB. They can upgrade their skills through this book and achieve great height in the world of computer programming. Java definitely has a future in research and teaching, as well as system development. The objects of this book is to promote that future by spreading the use of the language as widely as possible. Java is a technology that allows software designed. Java allows you to play online games, chat with people around the world. It is also integral. to the intranet applications and other e-business solutions that are the foundation of corporate computing. The book is self contained. The chapters in this book are arranges in a sequence order. The programs presented in this book are to understand the application.

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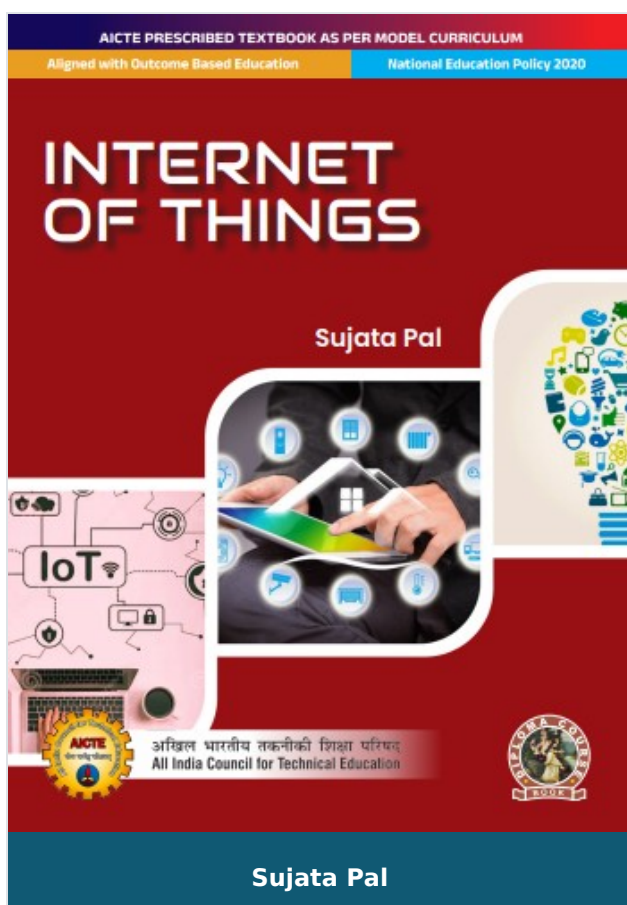
- Introduction to Java
- Java Fundamentals
- Control Flow
- Object Oriented Programming
- Packages and Interfaces
- Exception Handling
- Multithreading
- File Handling
- String Handling
- Applet Programming
- Socket Programming
- Abstract Window Toolkit
- Event Handling
- Graphics Programming
- Swing in Java
- JDBC
- Core Java Lab Manual

Author

Tanweer Alam

Tanweer Alam has an experience of more than seven years in the Teaching field. Currently, He is working at MCA Department, Meerut Institute of Engineering and Technology, Meerut. He has got his MCA Degree in 2003 from UP Technical University, Lucknow, UP. He has got his Master Degree in Mathematics in 2000 from CCS University,

Meerut, UP. He has got his MPhil Degree in Computer science in 2007 from MKU, Madurai. He is also MTech in IT and currently, He is doing PhD in Computer Science & Engineering. He presents more than thirty research papers in various reputed national/international Conferences/Journal.



Internet of Things

Author : Sujata Pal

ISBN 13 : 978-93-55384-95-9

ISBN 10 : 9355384955

E-ISBN 13 : 978-93-55384-95-9

Edition : First

Pages : 180

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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

Internet of Things

This book offers a quick yet thorough introduction to the Internet of Things (IoT), covering its ideas, technologies, and applications. It covers IoT protocols, and device integration, with an emphasis on hands-on learning and real-world applications. Designed for students, educators, and professionals, it provides a clear path to learning and inventing in ever-changing IoT ecosystem.

Salient Features:

- Explain the conceptual basis of the internet of Things, including its evolution, terminology, and basic frameworks.
- Sensors, actuators, communication protocols, and architecture are among the essential building pieces of the Internet of Things.
- A detailed description of popular IoT communication protocols such as MQTT, CoAP, LoRaWAN, and ZigBee.
- Covers architecture frameworks like one M2M and the IoT world forum to ensure smooth integration.
- Examples of Internet of Things application include smart cities, healthcare, agriculture, and industrial automation.
- Real-world use cases range from smart lighting systems to predictive maintenance in industries.
- Investigates ethical and regulatory considerations for constructing IoT systems.
- Structured to achieve specific program Outcomes (POs) and Course Outcomes (COs).
- Unit-specific learning goals are connected with Blooms Taxonomy to promote skill development.

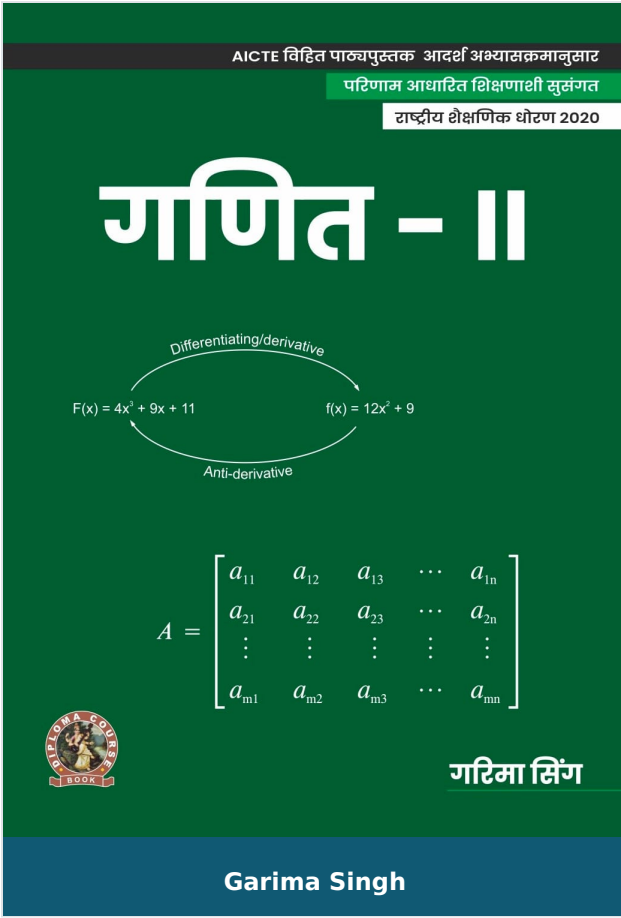
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- Guidelines for Students
- Abbreviations and Symbols
- List of Figures
- List of Figures
- Fundamentals Of Internet of Things
- IoT Communications Protocols
- Arduino Programming
- Implementation Of IoT with Raspberry Pi
- IoT Application with Case Studies
- CO and PO Attainment Table
- Index

Author

Sujata Pal

Dr. Sujata Pal Associate Professor Department of Computer Science and Engineering
Indian Institute of Technology Ropar



Mathematics-II

Author :	Garima Singh
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ISBN 10 :	9355380208
E-ISBN 13 :	978-93-55380-20-3
Edition :	First
Pages :	168
Type of book :	Physical
Year :	2022
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

“Mathematics-II” is a Compulsory paper for the first year students of Diploma engineering courses (common to all branches). Syllabus of this book is strictly aligned to the model curriculum of AICTE. And academic content is amalgamated with the concept of outcome based education. Apart from diploma it is useful for all students who are interested in basic /elementary mathematics and competitive examinations.

Book covers seven topics- Determinants, Matrices, Integral Calculus and it's applications. Co-ordinate Geometry and it's applications, vectors and it's applications, Differential equations. Basic of MATLAB.

Each topic is written in an easy and lucid manner with a holistic view. There has been deliberated attempt to keep the number of pages in the book minimum without compromising with the matter. Every chapter contains a set of exercises at the end of each unit to test the student's comprehension.

Some salient features of the book:

1. For direct recapitulation of main concepts, formulae and results a brief summary of each unit has been given.
2. Objective questions and subjective questions are given for practice of students after every unit.
3. Content of the book is aligned with the mapping of Course Outcomes, Programs Outcomes and unit Outcomes.
4. Apart from the theory explanation and solved examples book provides for mini projects, activities, fun facts, QR codes, case studies, video resources etc.
5. The text has been supplemented with notes, remarks, remember sections within grey boxes.

6. Student and teacher centric subject materials are included in the book in a balanced manner.
7. Real life applications are inserted to improve clarity of this topics.
8. Know more section has been introduced which constitutes of additional information related to the topic.
9. Check-out section has been introduced so as to active the curiosity part of the student by correlating all the topics studied in this book with MATLAB.
10. At the end of each unit. An excerpt related to eminent Indian Mathematicians is given so as to make .
11. Student have a glimpse of the rich Indian heritage, especially in the field of mathematics.

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