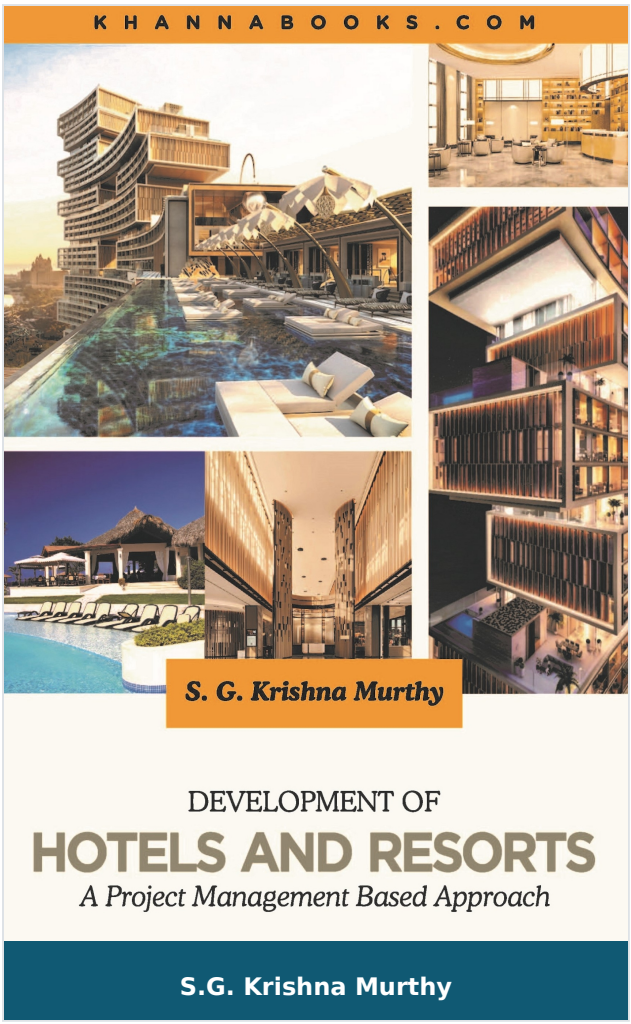


Development of Hotels and Resorts (A Project Management Based Approach)

Author :	S.G. Krishna Murthy
ISBN 13 :	978-93-55380-90-6
ISBN 10 :	93-55380-90-9
E-ISBN 13 :	978-93-55380-90-6
Edition :	First
Pages :	136
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 330.00
Categories :	Management Books, General Books, Bookstore, Best Sellers
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 explores the origin and development of 5-star hotels and resorts, and the project management skills needed for their systematic construction. It describes the roles and responsibilities of various professionals involved in the process, such as the owner, consultant, project coordinator, and design team. It also covers the building automation systems and computer applications that are essential for hotel management. Moreover, it explains the project management principles for construction management in detail.

The book also addresses the impact of COVID-19 on the global economy and the risks and precautions associated with it in the hospitality industry. It discusses, in detail the future opportunities for developing resorts along India’s long coastline. The author, a civil engineer and a consultant with over 40 years of experience in the industry, hopes that this book will be useful for consultants, civil engineering and MBA student, University teachers, and aspiring hotel and resort developers. Shri S G Krishna Murthy has had a splendid professional journey. His life philosophy and meticulous handling of project and the message he wants to give young engineers have all been encapsulated in his book.

I am sure the book will be very useful to project engineers and those involved in hotel projects.

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- Role of Design Team
- Project Management/ Construction management
- Duties of FF&E (Future Fittings & Equipment) Manager and Concerned Staff
- Risks with COVID-19 and Corrections
- Scope for hotels & Resorts in India

Author

S.G. Krishna Murthy

This book is explores the origin and development of 5-star hotels and resorts, and the project management skills needed for their systematic construction. It describes the roles and responsibilities of various professionals involved in the process, such as the owner, consultant, project coordinator, and design team. It also covers the building automation systems and computer applications that are essential for hotel management. Moreover, it explains the project management principles for construction management in detail. The book also addresses the impact of COVID-19 on the global economy and the risks and

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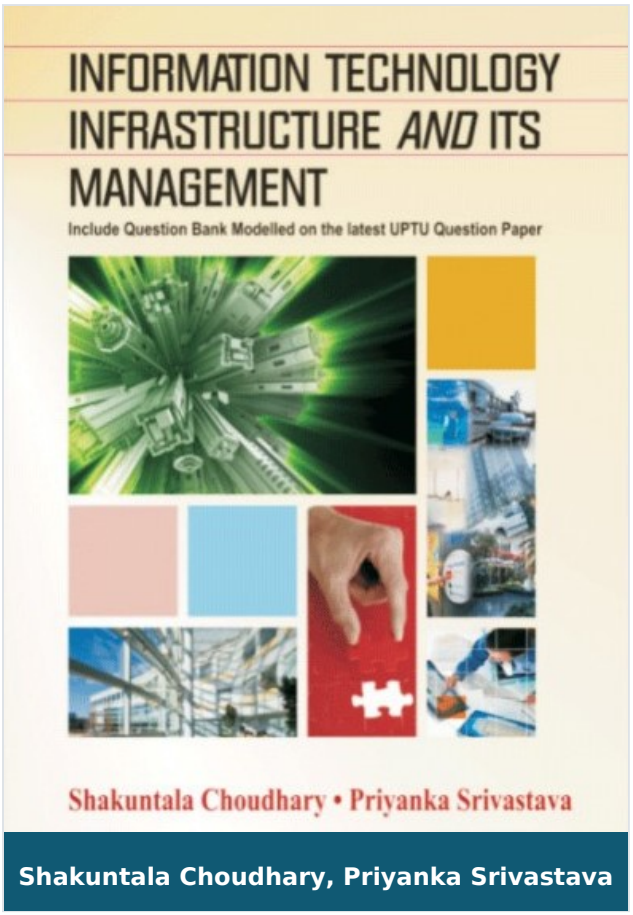
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Shakuntala Choudhary, Priyanka Srivastava

Information Technology Infrastructure & Its Management

Author :	Shakuntala Choudhary, Priyanka Srivastava
ISBN 13 :	978-93-80016-39-9
ISBN 10 :	93-80016-39-5
E-ISBN 13 :	978-93-80016-39-9
Edition :	1
Pages :	264
Type of book :	Physical
Year :	2014
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 195.00
Categories :	Computer Science Engineering, Bookstore
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

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This book is specially designed to serve as a textbook for undergraduate students of engineering at Uttar Pradesh Technical University (UPTU), This subject has been introduced for the first time in UP technical University. We have tried our best to cover the whole syllabus. Throughout the text, it has been our Endeavour to keep the explanations and definitions as lucid as possible. This book is written exclusively with students in mind. The language in user-friendly and conductive to learning. Though every attempt has been made to avoid and check error, we will be grateful to readers if they can point out any that may have crept in inadvertently.

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- Security Management
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- Question Bank

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Shakuntala Choudhary has completed his Bachelor of Engineering & M. Tech. in Computer Science & Engg. She started her teaching career in an Engineering Education from Sri Balaji College of Engineering and Technology, Jaipur, India. And worked their as HOD of IT Department. She also served in Dronacharya College of Engineering Gurgaon. Presently she is working in Bansal Institute of Engineering & Technology, Lucknow. She has rich experience in teaching for various subject like Automata, Analysis of Algorithms, Discrete Mathematics and IT Infrastructure. She had certified by ""Faculty Enable Programme"" (FEP) at INFOSYS, Chandigarh. She has published 3 - Vol of a technical magazine ""EPISTLE"" She has published various National level technical papers and Attended various Conferences. "

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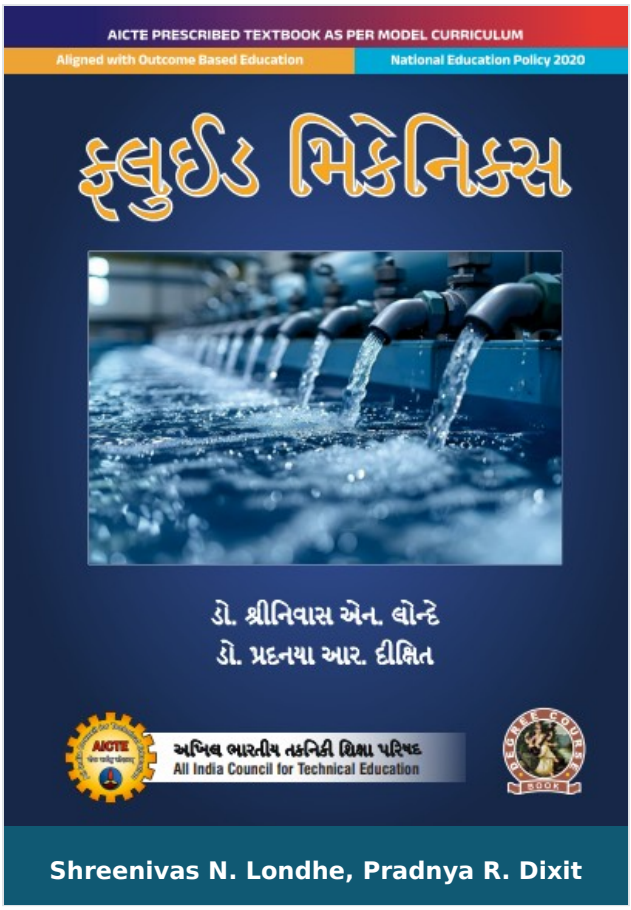
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Fluid Mechanics

Author :	Shreenivas N. Londhe, Pradnya R. Dixit
ISBN 13 :	978-93-55383-25-9
ISBN 10 :	93-55383-25-8
E-ISBN 13 :	978-93-55383-25-9
Edition :	First
Pages :	284
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 448.00
Categories :	AICTE Prescribed Textbooks, Gujarati Books, Bookstore
Condition Type :	New
Country Origin :	India

Product Description

Fluid Mechanics

Khanna Publishing House

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

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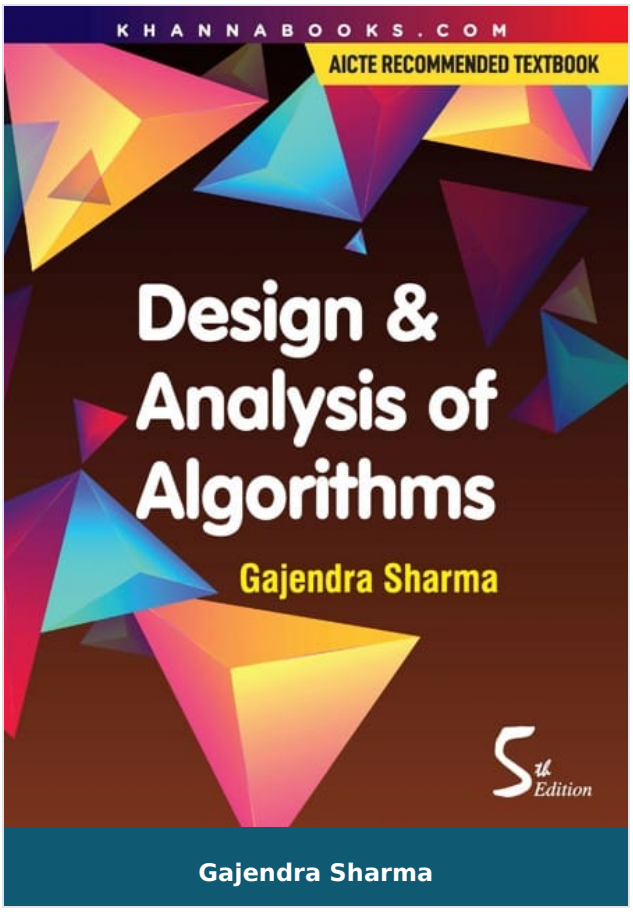
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Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320



Design & Analysis of Algorithms

Author :	Gajendra Sharma
ISBN 13 :	978-93-82609-43-8
ISBN 10 :	93-82609-43-1
E-ISBN 13 :	978-93-82609-43-8
Edition :	4
Pages :	672
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 485.00
Categories :	Computer Science Engineering, University Recommended, Computer Science Engineering, Bookstore
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 intended for B. Tech (CS/IT), MCA and M. Tech students who want to have the basic to advanced knowledge of the design and analysis of algorithms. This book discusses various features of Algorithm design. In this 3rd edition more algorithms are added, papers of last few years are solved in chapters; few algorithms which were difficult to understand in previous edition are presented in easier form.

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- Data Structure for Disjoint Sets
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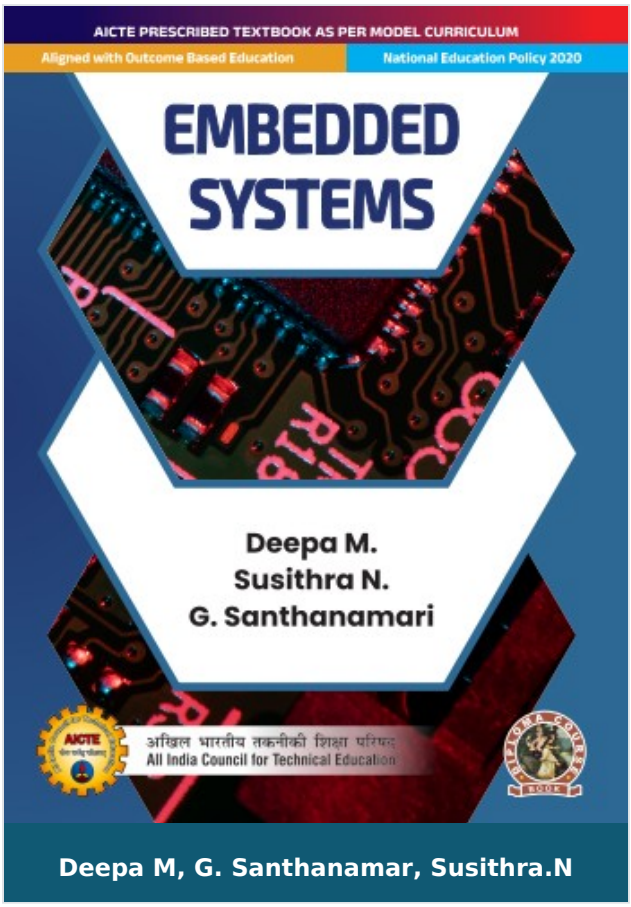
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Gajendra Sharma, a widely acclaimed author in the field of IT and Software both at the National and International arena, is currently working as an Assistant Professor at IIMT Group of College, Greater Noida. The best qualities of his writings have been the core topics of computer science, which has always been precise and concise with all concepts dealt in greater detail. He is having nine years of teaching experience. He also provides consultancy in software development to several IT firms.

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Embedded Systems

Author :	Deepa M, G. Santhanamar, Susithra.N
ISBN 13 :	978-93-55384-69-0
ISBN 10 :	93-55384-69-6
E-ISBN 13 :	978-93-55384-69-0
Edition :	First
Pages :	232
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 428.00
Categories :	AICTE Prescribed Textbooks, English Books, Bookstore
Condition Type :	New
Country Origin :	India

Product Description

Embedded Systems

This book presents the materials in a way that is both lucid and engaging. Through detailed explanations, real-world examples, and hands-on projects, the book provides knowledge and skills needed to excel in this dynamic field of embedded systems.

Salient Features:

- Introduction to the Arduino IDE, basics of programming with Arduino (Syntax, structure, functions), and detailed examples of sketches (programs) for various projects.
- Step-by-step guide to create simple to complex projects, including illustrations and diagrams for wiring and assembling, along with over 30 code examples and explanations for each project.
- Detailed description of different types of sensors (temperature, light, motion, etc.) and how to control them using Arduino.
- Advanced concepts like PWM, serial communication, and interrupts, as well as network communication using wi-fi and Bluetooth.
- Troubleshooting common issues and suggested solutions.
- A list of inspiring project ideas for aspiring project enthusiasts.
- Unit-wise recap to summarize important points and mind map as a tool for visual interpretation and summary of the unit.
- IKS insights offering analogies and relevance of the Indian Knowledge System to the contemporary practices and technologies.

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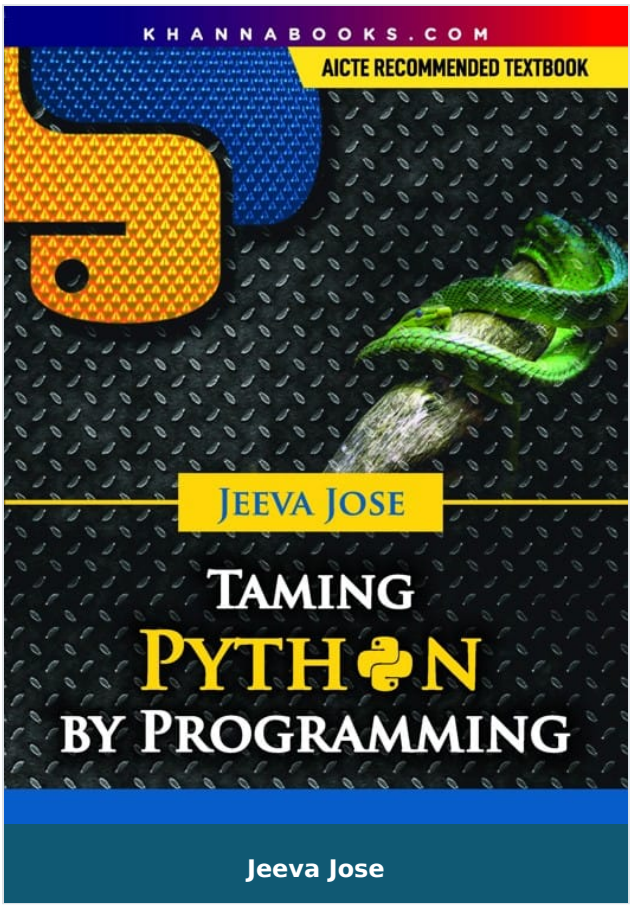
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Taming PYTHON By Programming

Author :	Jeeva Jose
ISBN 13 :	978-93-86173-34-8
ISBN 10 :	93-86173-34-4
E-ISBN 13 :	978-93-86173-34-8
Edition :	First
Pages :	348
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 410.00
Categories :	University Recommended, Emerging Technologies, Bookstore, Best Sellers
Condition Type :	New
Country Origin :	India

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

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Product Description

This is a great book for Python Beginner and Advanced Learner which covers Basics to Advanced Python Programming where each topic is explained with the help of Illustrations and Examples. More than 450 solved programs of this book are tested in Python 3.4.3 for windows. The range of Python Topics covered makes this book unique which can be used as a self study material or for instructor assisted teaching. This books covers Python Syllabus of all major national and international universities. Also it includes frequently asked questions for interviews and examination which are provided at the end of each chapter.

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- Socket Programming
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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

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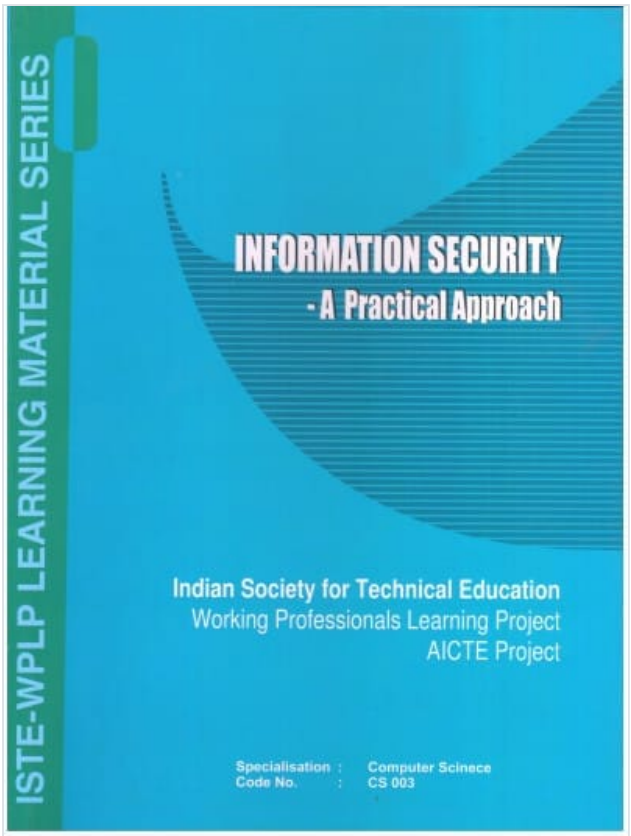
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refereed journals and conference proceedings. She has edited three books and has given many invited talks in various conferences. She is a recipient of ACM-W Scholarship provided by Association for Computing Machinery, New York.

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V.Vasudevan, S. Dhanasekaran, B. S. Murugan

Information Security- a Practical Approach

Author :	V.Vasudevan, S. Dhanasekaran, B. S. Murugan
ISBN 13 :	978-93-55386-89-2
ISBN 10 :	93-55386-89-3
E-ISBN 13 :	978-93-55386-89-2
Edition :	1
Pages :	132
Type of book :	Physical
Year :	2019
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 188.00
Categories :	Computer Science Engineering, Bookstore, ISTE Series, Best Sellers
Condition Type :	New
Country Origin :	India

Khanna Publishing House
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Product Description

The book Information Security-A Practical Approach, is a strenuous attempt taken by the authors to encapsulate concepts of Network-Security. Information security, something shortened to InfoSec, is the modification, inspection, recording or destruction of information. This book provides a rudimentary and firsthand knowledge on Information Security pertaining to the standards and procedures available in Information Security, the implementation of security and authentication algorithms which is the need of the hour for the small scale industries. The components of the chapters give a perspicuous view on confidentiality, integrity, availability, policy and its various types, encryption, decryption and so forth to cater not the needs of the working professionals and entrepreneurs as well. Especially the chapter on case studies provides hands on experience and reiterates the significance of protecting data and information. The prime objective of this book is to enable the entrepreneurs of Small Scale Industries to ensure secrecy and privacy of information.

There has been a vast study on physical security and network security whereas information security is the latest process that gains momentum. We feel obliged to share our knowledge, analysis and recommendations through this manual which will create awareness among the entrepreneurs, about the paramount important of Information Security and to understand the easiest way to implementation those algorithms.

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- FOREWORD
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- An Overview of Information Security
- Organization Strategies for Information Security
- Essential Mathematics for Information Security
- Standard Security Algorithms
- Implementation of Security Algorithm
- Case Studies

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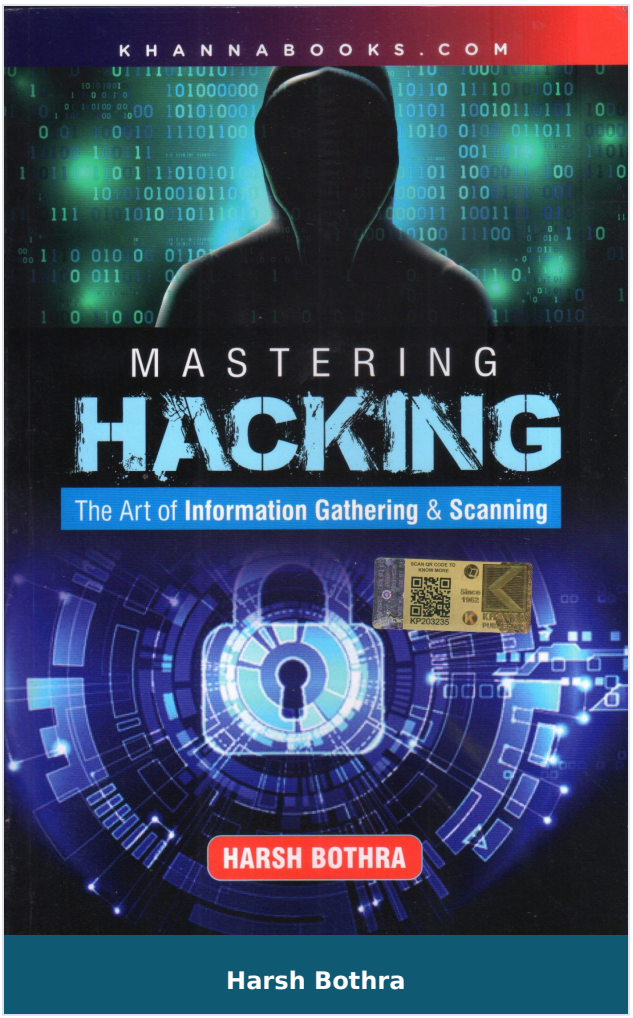
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Mastering Hacking (The Art of Information Gathering & Scanning)

Author :	Harsh Bothra
ISBN 13 :	978-93-86173-84-3
ISBN 10 :	93-86173-84-0
E-ISBN 13 :	978-93-86173-84-3
Edition :	First
Pages :	200
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 295.00
Categories :	Computer Books - English, Emerging Technologies, Bookstore, Best Sellers
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

We are exponentially adapting the digital era and moving our business, daily lifestyle and activities towards the world of internet. Digital Assets are continuously increasing, and thus, there is a massive requirement of securing digital assets and protecting information.

Especially the young generation is getting much involved in social media and are quickly get into online frauds and scams, which sometimes leads to sever crimes and suicide. According to the survey, a considerable amount of youth is a common heard cases are image morphing, sharing private video, spreading adult content and blackmailing over such things. There are many companions stated about protecting sensitive data to aware of the general public.

Digital assets, Privacy, Information & Data, is also a concern of national security. The war is of data these days, and we are hearing a massive data breaches, especially from the year 2018. The most famous companies like facebook. UIDAI got the victim of the massive data breach. Between all this, along with the general awareness of the security practices and protection strategies in the general public, we require to prepare them wit better practices to learn cyber security & defence mechanism which would help them to protect against thefts, frauds and aware other in turn

Cyber Security is the art of Digital Self Defence, the more you practice, the safer you become.

This book aims towards providing the best practices and methodology in the simplified approached, which would help both the technical and non-technical reader to learn and apply effectively. All the methods used are for the defence purpose and didn't intend to spread unethical activities.

Through this book, you would be able to learn about the modern Penetration Testing Framework, latest tools and techniques, discovering vulnerabilities, patching

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vulnerabilities, responsible disclosures and protection assets over the network. this book tells about the uses and real-life applications of various techniques in depth, and this acts as a handbook for your concrete step in information security.

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Computer System Organization

Author :	Sonal Yadav
ISBN 13 :	978-93-55382-35-1
ISBN 10 :	93-55382-35-9
E-ISBN 13 :	978-93-55382-35-1
Edition :	First
Pages :	344
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 525.00
Categories :	AICTE Prescribed Textbooks, Gujarati Books, Bookstore
Condition Type :	New
Country Origin :	India

Product Description

Computer System Organization

Khanna Publishing House

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

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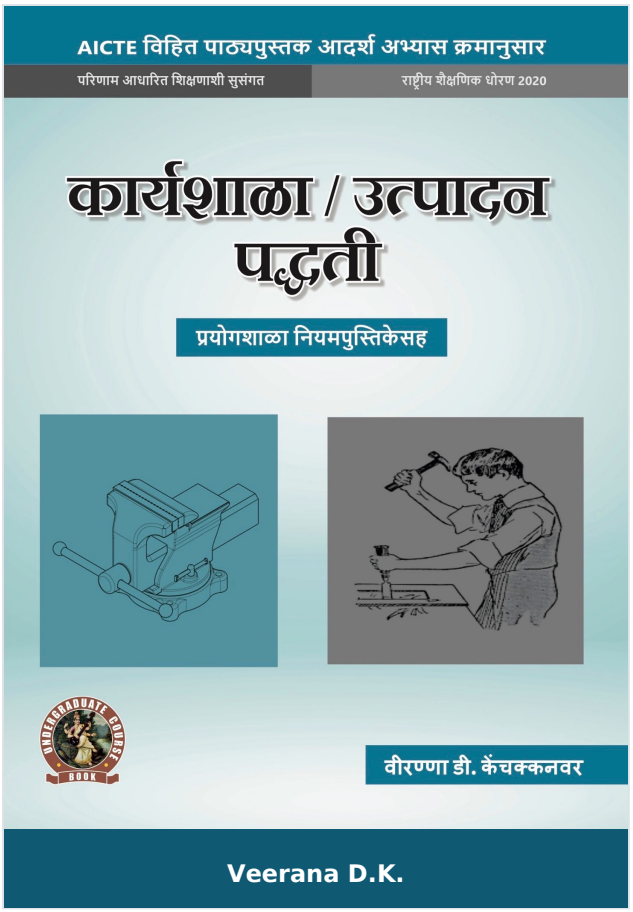
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Workshop / Manufacturing Practices (with Lab Manual)

Author :	Veerana D.K.
ISBN 13 :	978-93-55380-24-1
ISBN 10 :	93-55380-24-0
E-ISBN 13 :	978-93-55380-24-1
Edition :	First
Pages :	208
Type of book :	Physical
Year :	2021
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 495.00
Categories :	AICTE Prescribed Textbooks, Marathi Books, Bookstore, Ebooks
Condition Type :	New
Country Origin :	India

Product Description

The textbook on “Workshop/ Manufacturing Practices” is designed to cater the needs of young minds of 21 century. The AICTE model curriculum and National Education Policy has driven a new wave in the technical education. The textbook is designed not only to cater the need of the syllabus but also to look things in a different perspective. The Workshop is the place where the core of learning about different materials, equipment, tools and techniques takes place. Basically the workshop used to prepare the small components by hand tools. Sometimes they may be parts of the large machines or may may be parts for replacement/repairs. In this text book an attempt has been made to connect the conventional tools usage to advanced machine tools usage. The relevant practical examples are quoted to make the readers more comfortable with product and processes. The blooms taxonomy is fallowed in construction of each chapters and exercises. The objective and multiple questions with higher order thinking may help the readers to not only to face the semester end exam even they may help in competitive and other examinations.

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- Metal casting, welding (arc welding & gas
- welding), brazing
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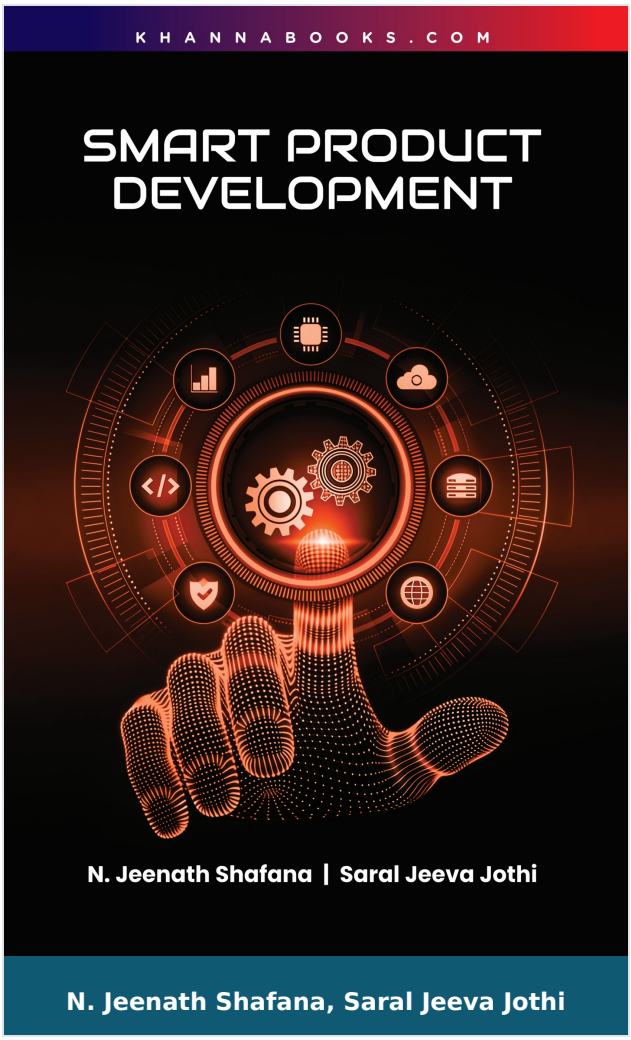
Veerana D.K.

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Smart Product Development

Author :	N. Jeenath Shafana, Saral Jeeva Jothi
ISBN 13 :	978-93-55384-34-8
ISBN 10 :	93-55384-34-3
E-ISBN 13 :	978-93-55384-34-8
Edition :	First
Pages :	132
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 198.00
Categories :	Computer Science Engineering, New Arrivals, Bookstore, Sathyabama Series
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 an indispensable resource for navigating the rapidly evolving landscape of smart technologies, where the integration of sensors and smart systems is pivotal for advancing functionality across a wide range of industries. Titled SMART PRODUCT DEVELOPMENT, this comprehensive guide is designed to equip its target audience—students, engineers, professionals, and technology enthusiasts—with the foundational knowledge and practical skills needed to master the complexities of modern connected devices.

The core purpose is to provide a deep, structured understanding of sensor devices—the eyes, ears, and nervous system of modern technology—their diverse applications, and their essential interfacing with Microcontroller Units (MCUs). The text begins by introducing fundamental sensor types, including piezoresistive, capacitive, and resonant sensors, detailing their design and real-world use in applications from wearable tech to autonomous vehicles.

Moving beyond hardware, the book thoroughly explores signal conditioning, digital conversion, and advanced control techniques such as state machines, fuzzy logic, and neural networks, showing how to integrate sensors into larger, reliable systems. Critical sections are dedicated to communication protocols (including wireless networks, RF sensing, and automotive standards) and the vital role of IEEE 1451 standards in ensuring system interoperability. Finally, the book connects theory to practice by examining real-world use cases in creating Smart Cities, covering applications in agriculture, health, disaster prevention, and water management, alongside the challenges of implementing AI and IoT at scale. This blend of theory, practical knowledge, and case studies makes it a crucial resource for aspiring engineers and industry experts.

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• Sensor Fundamentals: Provides comprehensive foundational insights into diverse sensor technologies, covering principles, classifications (active/passive), and detailed working mechanisms for types like piezoresistive and capacitive sensors.

• Microcontroller Interfacing: Focuses on how sensor data is processed, amplified, and conditioned for use, emphasizing Digital Conversion and the essential design considerations for effective MCU control in embedded systems.

• Advanced Control Logic: Explores modern automation and system behavior control using state machines, Fuzzy Logic systems for nuanced decision-making, and sensor control via Neural Networks.

• Communication Protocols: Deep dive into crucial standards for smart sensor connectivity, including wireless networks (Wi-Fi, Zigbee, Bluetooth), RF sensing, Telemetry, and specialized Automotive Protocols.

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- Control Techniques Standards
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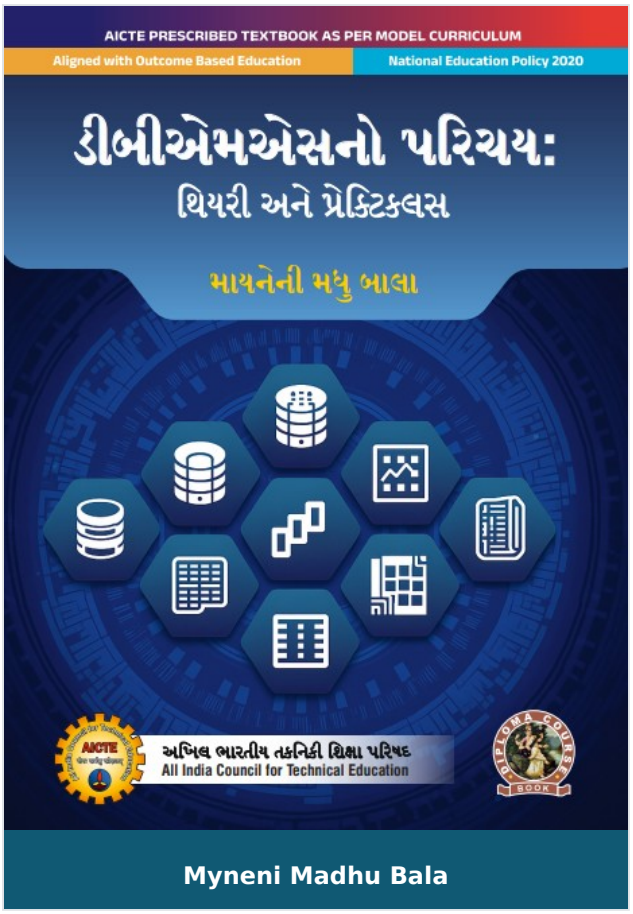
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Introduction to DBMS: Theory & Practicals

Author :	Myneni Madhu Bala
ISBN 13 :	978-93-55383-56-3
ISBN 10 :	93-55383-56-8
E-ISBN 13 :	978-93-55383-56-3
Edition :	First
Pages :	284
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 448.00
Categories :	AICTE Prescribed Textbooks, Gujarati Books, Bookstore
Condition Type :	New
Country Origin :	India

Product Description

Introduction to DBMS: Theory & Practicals

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

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