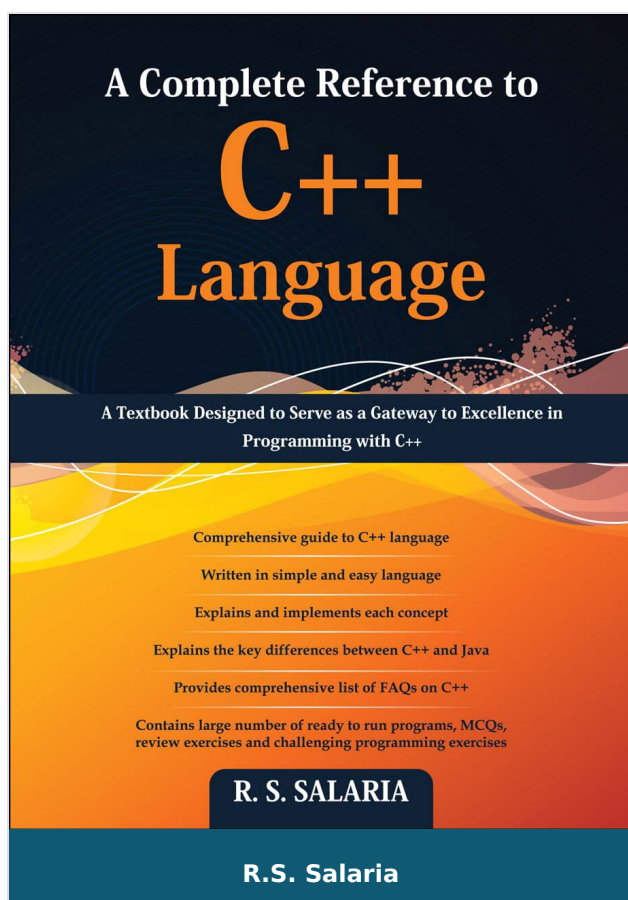




A Complete Reference to C++ Language

Author :	R.S. Salaria
ISBN 13 :	978-93-82609-97-1
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E-ISBN 13 :	978-93-82609-97-1
Edition :	First
Pages :	774
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Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 385.00
Categories :	Computer Science Engineering, Book Store
Condition Type :	New
Country Origin :	India

Product Description

The C++ programming language is one of the popular programming languages that support object-oriented programming in addition to procedural programming. All major IT companies are using C++ language as their preferred language in implementing substantial number of projects. To fulfill the requirement of these companies, all universities/institutions offering various courses on Computer Science and Information Technology at UG as well as PG level have included C++ language in their curriculum.

This book is designed as a textbook for the students taking these courses. Throughout the book, the level of presentation is kept simple and illustrative so that even an average reader can grasp the subject matter with quite ease. Practically this book will provide you every thing you need on C++ language.

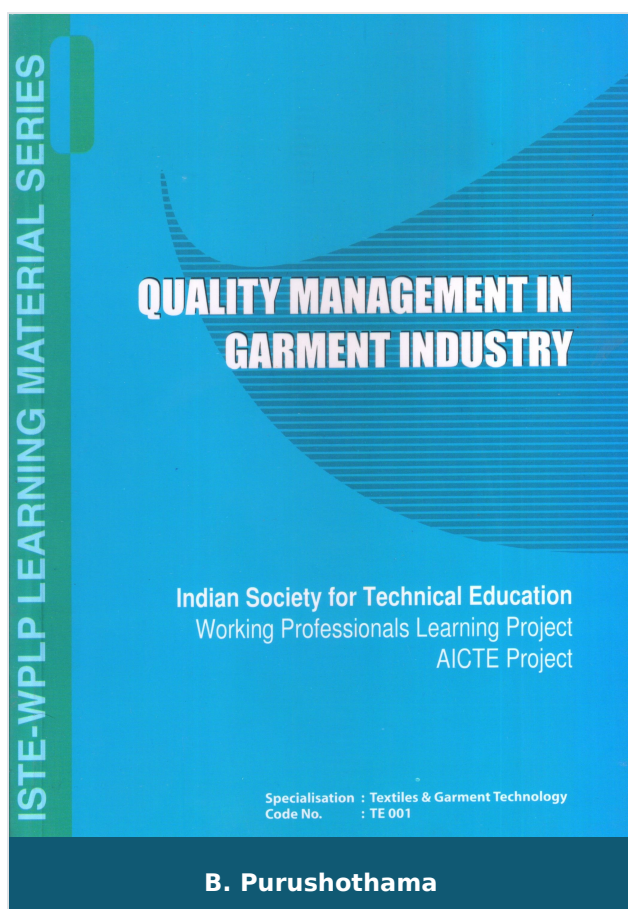
Table Of Contents

- Overview of C++ Language
- Data Types, Operators and Expressions
- Standard Inputs/Outputs
- Control Statements
- Functions
- Program Structure and Storage Classes
- Arrays and Strings
- Structures and Unions
- Introduction to Object-Oriented Programming
- Classes and Objects
- Pointers and Dynamic Memory Management
- Construction and Destructors
- Operator Overloading and Type Conversion
- Inheritance
- Virtual Functions and Polymorphism
- Exception Handling
- Templates and Generic Programming
- File Handling
- Left Over
- Introduction to Standard Template Library

Author

R.S. Salaria

Prof. R.S. Salaria is a superior teacher, a prolific author and a great motivator. He is an alumnus of IIT, Delhi. He is a Certified Software Quality professional by Ministry of Information Technology, Govt. of India: Sun Certified Programmer as well as Sun Certified Trainer by SUN Microsystems. He is a life member of computer society of India, Mumbai: Institution of Electronics and Telecommunication Engineers, New Delhi: Indian Society for Technical Education, New Delhi: Punjab Academy of Sciences, Patiala. Presently, he is talking initiatives to Sensitize the citizens of this great country about their fundamental responsibilities towards society and seeking their contributions to make the society a wonderful place for happy and peaceful living. </p>



Quality Management in Garment Industry

Author :	B. Purushothama
ISBN 13 :	978-93-55388-23-0
ISBN 10 :	9355388233
E-ISBN 13 :	978-93-55388-23-0
Edition :	1
Pages :	432
Type of book :	Physical
Year :	2006
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 650.00
Categories :	Book Store, ISTE Series, Best Sellers, TEXTILES AND GARMENT TECHNOLOGY
Condition Type :	New
Country Origin :	India

Product Description

The growth in the industry might be due to many reasons. It might be because of inefficiency of our competitors, some changes in social environment, changes in the policies of the government, shortage of certain commodities due to improper planning or implementation of plans, etc. The garment industries in USA and Europe are presently facing many problems and are almost on the verge of closing. Research are rapid increases in wages, non-availability of qualified and skilled workers and monotonous work environment in the garment industry. The efforts made to reduce expenses could not be help to compete because of cheap availability of labour in developing countries of Asia and South America. The garment industry hence shifted to Asian Countries as Asia has an advantage of skilled artisans at low wages.

The industry scenario is changing. A number of new project are coming up. Thanks to the initiatives in IT and BT. All the new ventures must introduce the concept of Quality Management Systems so that quality of product is maintained, while cost of production is kept at minimum. This also holds good for existing small scale cottage industries as well as big industries.

In this book an attempt is made to give brief insight to various Quality Management Systems and how the same could be adopted in the garment industry. This learning materials is intended for managerial and technical staff working in Garment industry and students in Textiles and Garments Technology. It is hoped that this book will be quite useful for technical staff working in Garment industries to monitor and maintain the quality of the products before being shipped.

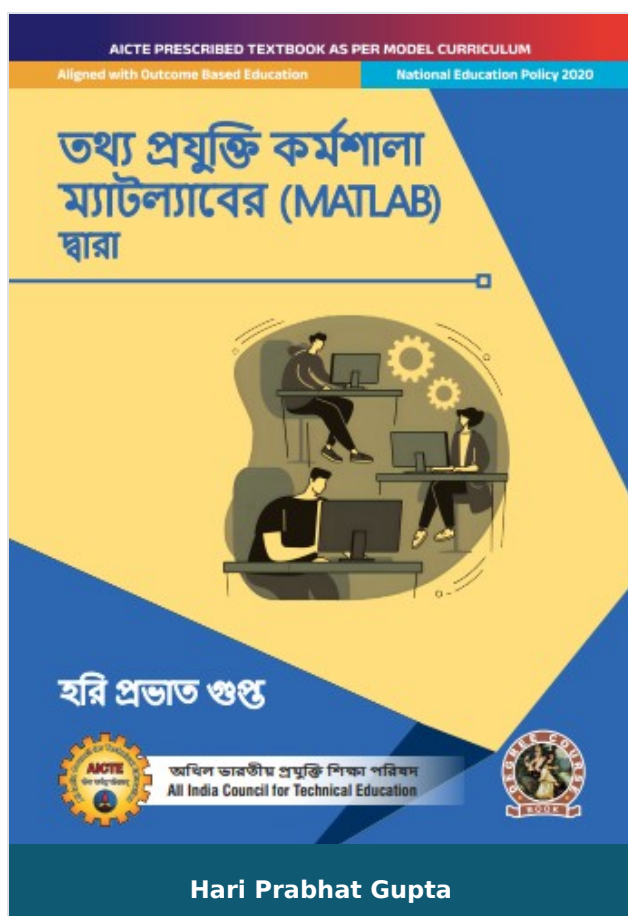
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- Quality Management
- Concepts of Quality Management
- Quality Audits
- Components of Quality in Garments
- Supply Chain Management
- Inspection and Testing
- Cost of Poor Quality
- Problem Solving
- Defects and Remedies
- Appendix
- References

Author

B. Purushothama

B. Purushothama



Information Technology Workshop in MATLAB

Author : Hari Prabhat Gupta

ISBN 13 : 978-93-55384-88-1

ISBN 10 : 9355384882

E-ISBN 13 : 978-93-55384-88-1

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Publisher : Khanna Publishing House

M.R.P : Rs 298.00

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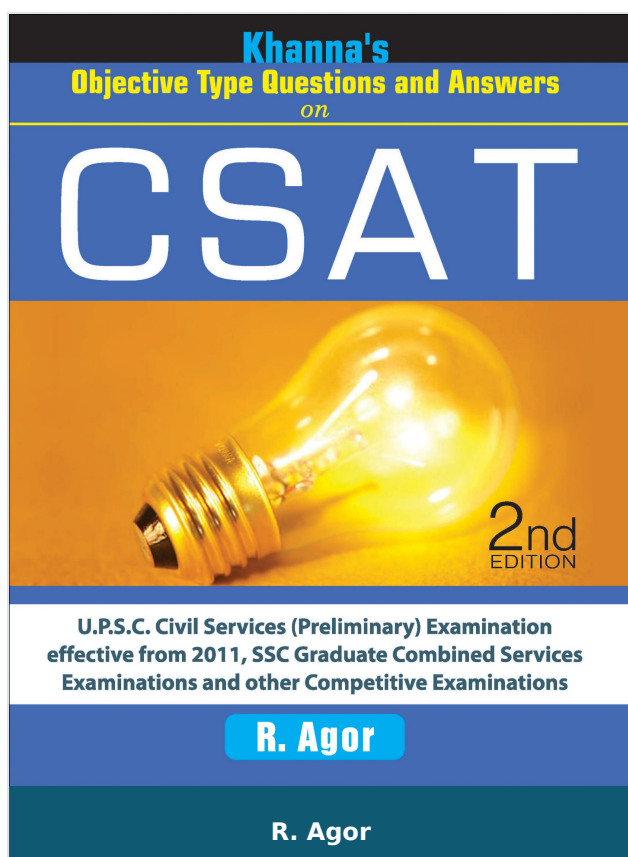
Product Description

Information Technology Workshop in MATLAB

Author

Hari Prabhat Gupta

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



Khanna's CSAT [Objective Type Ques. & Ans.]

Author :	R. Agor
ISBN 13 :	978-93-82609-48-3
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E-ISBN 13 :	978-93-82609-48-3
Edition :	2
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M.R.P :	Rs 415.00
Categories :	OBJECTIVE TYPE BOOKS, Book Store
Condition Type :	New
Country Origin :	India

Khanna Publishing House

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

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

Product Description

The author feels great pleasure in presenting this comprehensive treatise for the candidates aspiring for Civil Services (preliminary) Examination as per the revised syllabus and pattern effective from 2011 and all other competitive examinations. This has been an endeavor of the author to compile the necessary knowledge for the Examination through the multiple type questions and answers on various subjects and current affairs.

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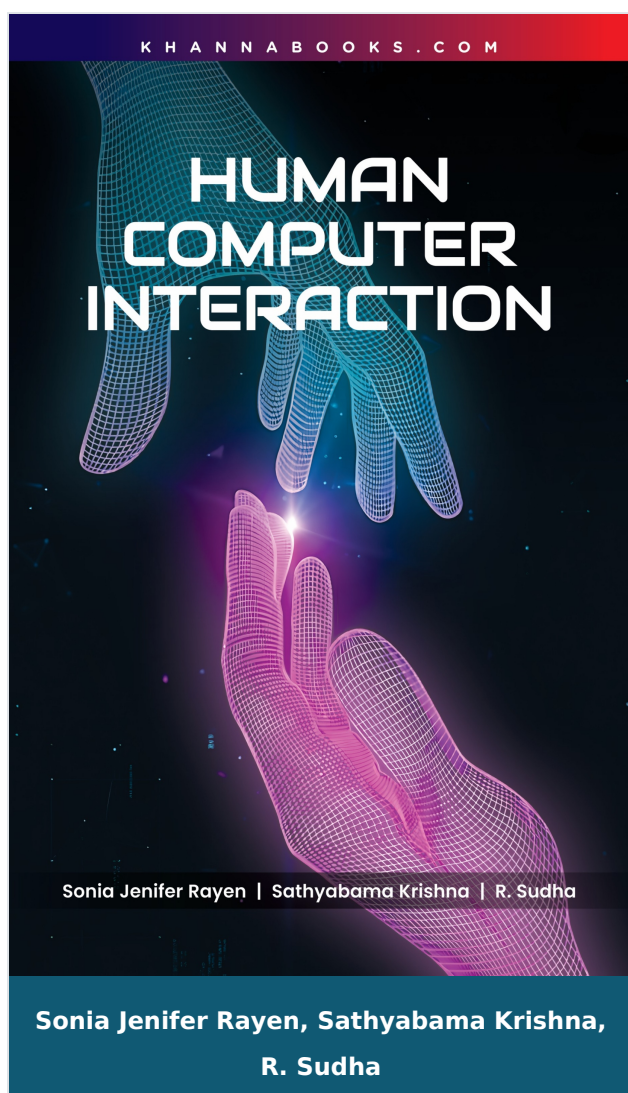
- History Of Vedic Age
- Ancient History Of India
- Indus Valley Civilization
- Post-Maurayan Period (200BC-300AD)
- The Delhi Sultanates (1206-1526)
- The Mughal Dynasty
- The Mughal Emperors: Jahangir & Shahjahan
- Religious Policy Of Akbar
- India Awakening
- Indian Struggle For Independence (1857 to1947)
- Heritage Of India
- Indian Polity & Government
- The Indian Central Government
- Indian State Government
- Local Self Government
- General Electronic in Indian Democracy
- Indian National Movement (AD 1923-39)
- Quit India Movement (August Kranti 1942)
- Indian Foreign Policy
- Indian Political Geography
- Indian Physical Geography
- Physical Features On Earth;s Surface
- The Earth;s Surface & Atmosphere

- Basic Of Numeracy
- General Science
- Indian Resources & Development
- Indian Minerals & Energy Resoures
- The Salient Features of India Constitution
- The Components of Government and Their Functions
- Judiciary of India
- Preventive and Social Medicine
- Functions in Human Body
- The World Oceans and their Configurations
- English Comprehension

Author

R. Agor

R. Agor Lecturer in Civil Engineering (Retd.) Technical Education, Delhi.



Human Computer Interaction

Author : Sonia Jenifer Rayen, Sathyabama Krishna, R. Sudha

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M.R.P : Rs 248.00

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

Condition Type : New

Country Origin : India

Product Description

Human-Computer Interaction (HCI) is a comprehensive and structured resource designed to explore the principles, methodologies, and evolving landscape of interaction between humans and computing systems. Recognizing the critical role of HCI in shaping modern digital experiences, this book focuses on creating technology that is accessible, efficient, intuitive, and user-centered. It examines not only the technical dimensions of interface design but also the cognitive, psychological, and social factors that influence how people interact with digital systems across diverse platforms and devices.

The book provides a balanced blend of theoretical foundations and practical applications, enabling readers to develop a deep understanding of user-centered design principles. Beginning with the fundamentals of HCI, it explores human sensory systems, memory, perception, cognition, and information processing before progressing to advanced topics in interaction design and usability engineering. Through systematic coverage of design methodologies and evaluation techniques, readers learn how to create interfaces that improve user satisfaction, efficiency, and accessibility.

A significant emphasis is placed on contemporary application domains, including mobile interfaces, web applications, and interactive systems. The text introduces established cognitive models such as GOMS (Goals, Operators, Methods, and Selection Rules), linguistic models, and cognitive architectures that assist in predicting user behavior and optimizing interface performance. It also examines socio-organizational considerations, stakeholder requirements, and collaborative design approaches essential for successful system development.

Designed for students, researchers, academics, and industry professionals, this book serves as a valuable guide for mastering interface design, usability evaluation, and user experience development. By integrating human factors, cognitive science, and practical

design methodologies, it equips readers with the knowledge and tools required to build effective, engaging, and user-friendly computing systems.

Salient Features:

- **Foundational Principles:** Introduces the core objectives of Human-Computer Interaction, including usability, human factors, user-centered design, and the interdisciplinary contributions of computer science and cognitive psychology.
- **Human System Analysis:** Explores human sensory and perceptual systems, including vision, hearing, touch, memory, cognition, and information-processing mechanisms that influence user interaction.
- **Interaction Design:** Covers the essential principles of creating intuitive and effective user interfaces, including navigation structures, screen layouts, interaction scenarios, and the role of HCI within the software development lifecycle.
- **Cognitive Models:** Provides detailed coverage of major theoretical frameworks such as GOMS (Goals, Operators, Methods, and Selection Rules), linguistic models, and cognitive architectures for analyzing and predicting user performance.
- **Socio-Technical View:** Examines socio-organizational aspects of system design, including stakeholder analysis, communication models, collaboration frameworks, and non-technical factors affecting technology adoption.
- **Mobile HCI Deep Dive:** Discusses the mobile ecosystem, mobile application frameworks, mobile web technologies, information architecture, and design challenges associated with modern mobile computing environments.
- **Web Interface Mastery:** Guides readers through user interface design best practices for web applications, including interface components, navigation structures, interaction techniques, and workflow optimization.
- **Practical Prototyping:** Covers iterative design and prototyping methodologies, including formative and summative evaluation techniques, storyboarding, animation-based prototypes, and limited-functionality simulations for interface

testing and refinement.

Table Of Contents

- Foundation of Human Computer Interaction (HCI)
- Design & Software Process
- Models and Theories
- Modeling HCI
- Web Interface Design

Author

Sonia Jenifer Rayen

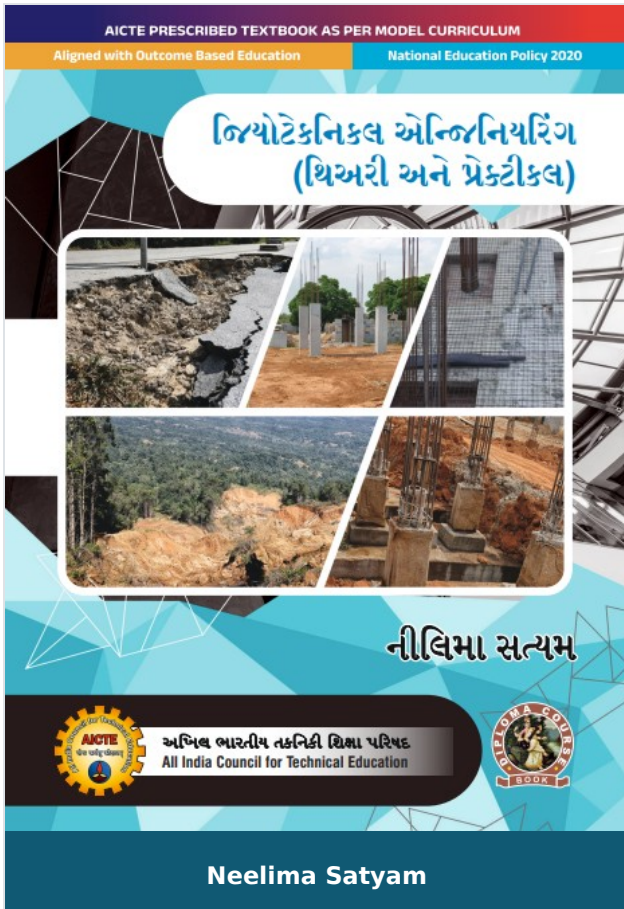
Sonia Jenifer Rayen, Associate Professor, Dept of CSE, Sathyabhama Institute of Science and Technology

Sathyabama Krishna

Sathyabama Krishna

R. Sudha

R. Sudha



Geotechnical Engineering (Theory & Practicals)

Author :	Neelima Satyam
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Publisher :	Khanna Publishing House
M.R.P :	Rs 398.00
Categories :	AICTE Prescribed Textbooks, Gujarati Books, Book Store
Condition Type :	New
Country Origin :	India

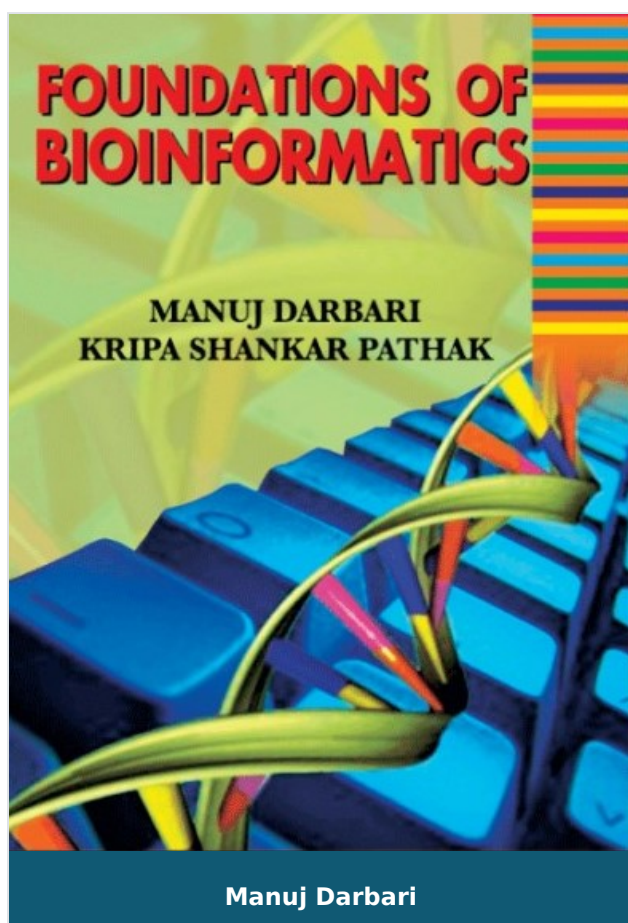
Product Description

Geotechnical Engineering (Theory & Practicals)

Author

Neelima Satyam

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



Foundations of Bioinformatics

Author :	Manuj Darbari
ISBN 13 :	978-81-87325-36-9
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Edition :	1
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Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 105.00
Categories :	Computer Science Engineering, Book Store
Condition Type :	New
Country Origin :	India

Product Description

It gives me immense pleasure to introduce this book for engineering students. It covers the basic concepts of Bioinformatics which are beneficial to undergraduate as well as to post graduate students of pharmacy. In the first phase this book introduces about basics of biology and in second phase it deals with use of computers to store and code the biological terms in a proper predefined manner. This book also provides a better support to professionals dealing in the field of bioinformatics. There are various paper sets along with the previous years paper.

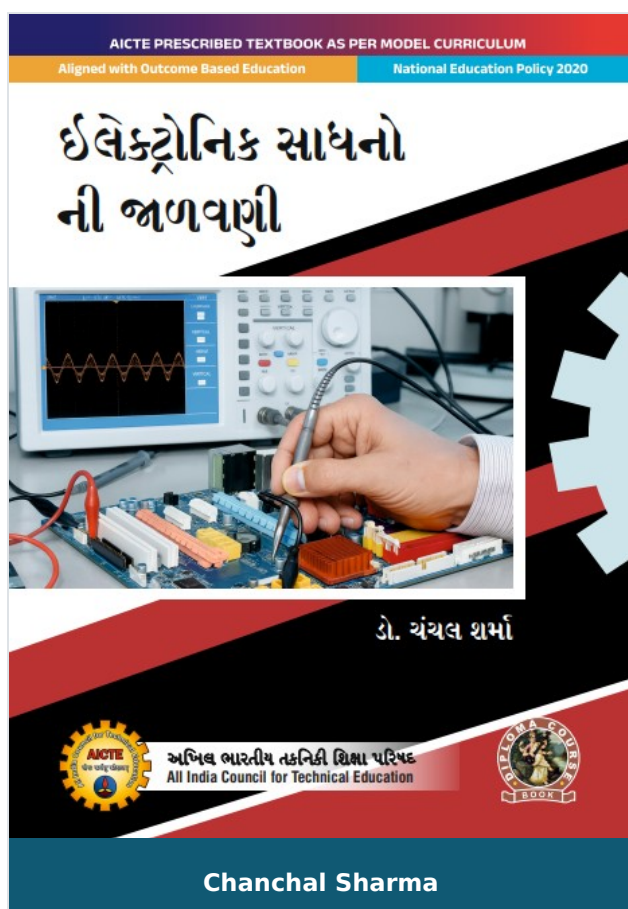
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- Bioinformatics
- The Diversity of Life Forms
- Proteins
- Nucleotide
- Data Searches and their Alignment Method
- B.Tech Papers and Sample Question Papers

Author

Manuj Darbari

Manuj Darbari received his ME in Electronics and Communication from MNNIT, Allahabad. He has done MBA from Lucknow University, and is undergoing PhD in Information Science and Technology from BIT, Mesra Ranchi. He has vast knowledge in the field of Electronics and latest issues in Information Technology, he has done CDAC Diploma in Advance Computing offered by CDAC Pune. He is presently working as Asst. Professor in Information Technology Department, BBDNITM, Lucknow. He is a member of IEEE (USA), IETE, CSI and ACM (USA). He is also recognized as a chartered Engineer (India) by Institution of Engineering. "



Electronic Equipment Maintenance

Author : Chanchal Sharma

ISBN 13 : 978-93-55386-18-2

ISBN 10 : 9355386184

E-ISBN 13 : 978-93-55386-18-2

Edition : First

Pages : 240

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M.R.P : Rs 398.00

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[Gujarati Books, Book Store](#)

Condition Type : New

Country Origin : India

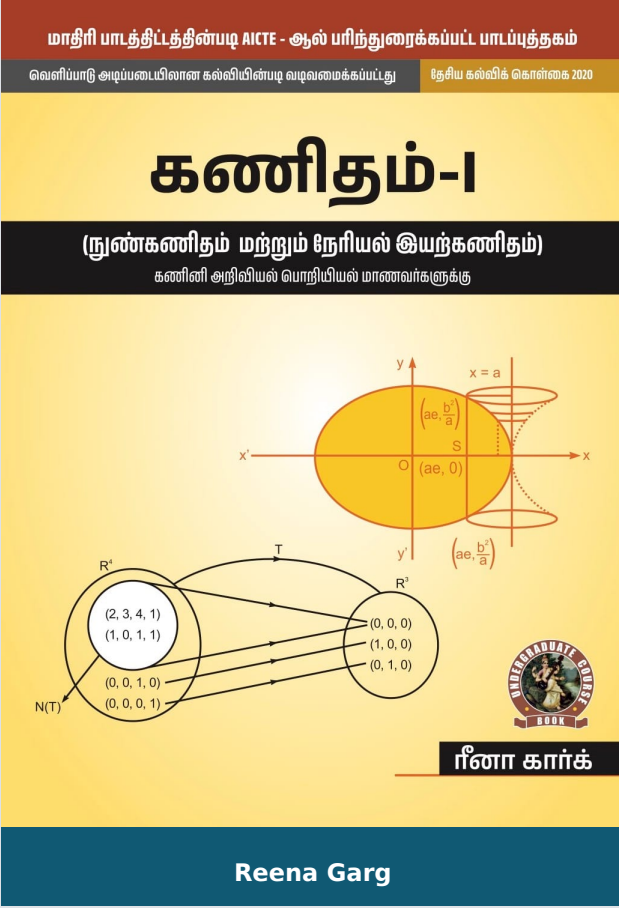
Product Description

Electronic Equipment Maintenance

Author

Chanchal Sharma

Dr. Chanchal Sharma Professor, Dept. of Electronics and Communication Engineering
(ECE) Arya College of Engineering and IT Jaipur (Rajasthan)



Mathematics-I (Calculus and Linear Algebra) For Computer Science Engineering Branches

Author :	Reena Garg
ISBN 13 :	978-93-91505-84-4
ISBN 10 :	9391505848
E-ISBN 13 :	978-93-91505-84-4
Edition :	First
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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

Product Description

Calculus and Linear Algebra cover all the modules prescribed by AICTE model curriculum to all the 1st year CSE students studying in engineering institutions and universities of the country. It serves as both text book /or useful reference work. It contains 5 units which included calculus, Algebra and vector spaces along with their applications. This renowned and well respected title provides in one handy volume with the essential mathematical tools that help in understanding the subject and problem solving techniques with many real life engineering applications. As per trademark of AICTE. This book is in student's friendly style, author has endeavored enormous efforts in providing numerous solved examples and exercise under each topic to facilitate better understanding of the concepts to the students. Majority of questions in this book have been designed to access the reader's understanding of the subject professionals or those who are preparing for competitive examinations will also find this book very useful. This book will give the students a complete grasp of the mathematical skills that are needed by engineers all over the country.

Some Salient Features of the Book:

1. In depth coverage of all related, essential and mentioned topics as per AICTE in simple presentation with clarity and accuracy.
2. Emphasis on the applications of concepts and theorems.
3. Core concepts are presented through a large number of solved graded model examples in an innovative and lucid manner.
4. A good number of relatively competitive problems are given at the end of each unit in the form of short questions, HOTS, assignments, MCQs and know more for student's practices purpose. Practical /Projects/ Activity also given in each unit for enhancing the student's capability, to increase the feeling of team work.

5. To clarify the subject, the text has been supplemented through Notes, Observations and Remarks; an attempt has been made to explain the topic through maximum use of geometries wherever possible.
6. Some standard problems with sufficient hints have been included in each exercise to gauge the student's visual understanding and for grasp the theory.
7. Video links, interesting facts, uses of ICT also included after each topic in every unit for easy understanding of the readers. Also included the pictorial representations of many topics for fast and permanent grasping of the content.

Table Of Contents

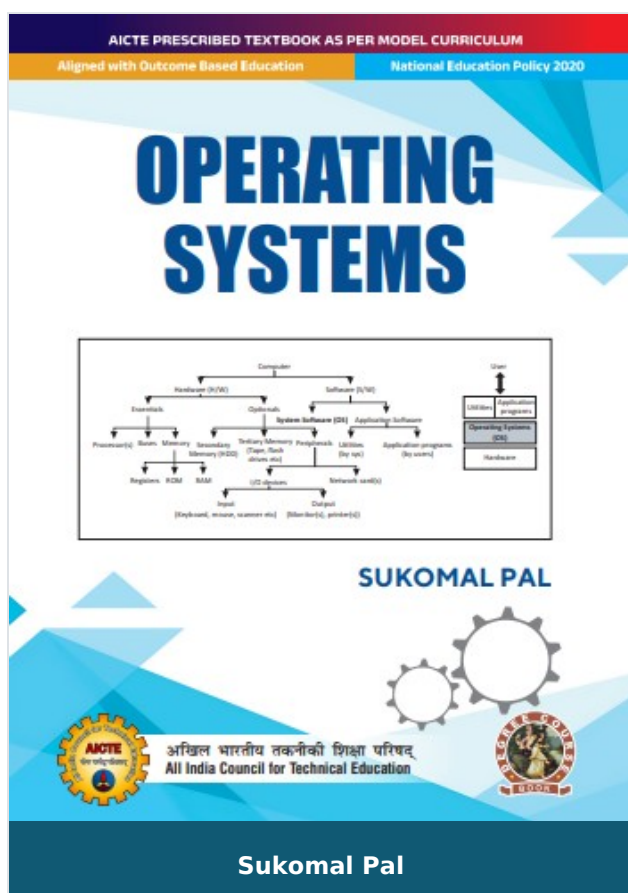
- Foreword
- Acknowledgement
- Preface
- Outcome Based Education
- Course Outcomes
- Abbreviations and Symbols
- List of Figures
- Guidelines for Teachers
- Guidelines for Students
- Calculus-I
- Calculus-II
- Matrices
- Vector Spaces –I
- Vector Spaces – II
- Index
- CO and Po Attainment Table.

Author

Reena Garg

Dr. Reena Garg , M.Sc. Mathematics (Gold Medalist), M.Phil, Ph.D is Assistant Professor (Mathematics) in YMCA University of Science & Technology, Faridabad (Haryana). She also taught in C.I.T.M. Faridabad (presently known as Manav Rachna International University, Faridabad). Her teaching experience of more than a decade has made this book more valuable for the knowledge seekers. She has published more than 10 research

papers in various International Journals. She is a life-time member of Forum of Inter-disciplinary mathematics in India. She is a member of reviewer Board in IJRET, Bangalore.



Operating Systems

Author :	Sukomal Pal
ISBN 13 :	978-93-55385-47-5
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Condition Type :	New
Country Origin :	India

Product Description

Operating Systems

This book aims to introduce the undergraduate students to Operating Systems (OS). An operating system acts as an intermediary between the users of different computing systems and the users. The book is written according to the AICTE-prescribed syllabus. Each topic is treated in a lucid and easy manner relating to real life examples and QR code links to supplementary and online materials.

Salient Features:

- Content is aligned with the mapping of Course Outcomes, Program Outcomes and Unit Outcomes.
- Unit prerequisites are mentioned in the beginning of each unit to prepare the students with necessary background.
- The learning outcomes are also listed before starting a unit so that the student understands what (s)he can gain after completing the unit.
- Textual content is complemented by a number of illustrations, images, figures, graphs, tables so that students can grasp the matter well.
- A number of multiple-choice questions as well as questions of short and long answer types following Bloom's taxonomy and assignments through a number of numerical problems are added to consolidate the learning of a student.
- A list of references and suggested readings are provided at the end of each unit.
- A set of URLs and QR codes are provided in different sections which can be accessed or scanned for relevant supportive knowledge.
- "Know More" section along with a list of suggested readings and references are added at the end of each section for supplementary information to cater to the inquisitiveness and curiosity of the students

Table Of Contents

- INTRODUCTION
- PROCESSES, THREADS and their scheduling
- INTERPROCESS COMMUNICATION and PROCESS SYNCHRONIZATION
- DEADLOCKS
- MEMORY MANAGEMENT
- I/O MANAGEMENT
- REFERENCES AND FURTHER LEARNING
- INDEX

Author

Sukomal Pal

Dr. Sukomal Pal Associate Professor, Department of Computer Science & Engineering IIT (BHU), Varanasi, UP



Blockchain Ecosystem

Author : Madhumathi M, U. A. Ranjni

ISBN 13 : 978-93-55384-11-9

ISBN 10 : 9355384114

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Edition : First

Pages : 74

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Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 148.00

Categories : [New Arrivals, Book Store,](#)
[Sathyabama Series](#)

Condition Type : New

Country Origin : India

Product Description

Blockchain Ecosystem

BLOCKCHAIN ECOSYSTEM is a comprehensive and essential guide to the transformative technology underpinning the decentralized digital future. This book explores blockchain not just as a technology for secure, transparent, and immutable record-keeping, but as a foundational innovation reshaping entire industries, from finance and supply chains to healthcare and governance. It introduces readers to a new paradigm of trust and value exchange that operates without reliance on central authorities or intermediaries.

Authored with clarity and academic rigor, the text systematically breaks down the intricate and interconnected nature of the blockchain ecosystem. It begins by establishing the fundamental network architecture, contrasting it with conventional distributed databases, and delves into the mechanics of key consensus algorithms like Proof-of-Work (PoW) and Proof-of-Stake (PoS). The book then traces the evolution of the technology across Blockchain 1.0, 2.0, and 3.0, illustrating the shift from basic digital currency to complex decentralized applications (dApps) and enterprise-grade scalability solutions.

Crucially, this guide provides practical, hands-on knowledge, including a deep dive into Smart Contracts using Solidity, detailing their lifecycle, creation, and deployment, alongside frontend connection methods. It also critically examines the significant security risks (e.g., Reentrancy, 51% attacks) and performance challenges (e.g., scalability, interoperability) inherent in blockchain deployment.

Whether you are a student seeking foundational knowledge, an entrepreneur building the next decentralized application, a developer aiming for secure Solidity implementation, or a policymaker navigating regulatory complexities, this book is an indispensable resource for understanding the complexities, opportunities, and future directions of the blockchain revolution.

Salient Features:

- **Core Network Fundamentals:** Presents a detailed comparison of blockchain with conventional distributed databases, explaining fundamental principles like decentralization, immutability, security, and cryptographic hashing.
- **Mechanism Comparison:** In-depth coverage of various consensus models, detailing the trade-offs between energy-intensive Proof-of-Work (PoW) and the more sustainable Proof-of-Stake (PoS) and BFT protocols.
- **Blockchain Generation Study:** Systematically analyzes the evolution from Blockchain 1.0 (Digital Currency) to 2.0 (Smart Contracts/dApps), concluding with 3.0 (Scalability/Interoperability) and enterprise-grade solutions.
- **Practical Smart Contracts:** Provides step-by-step guidance on writing, deploying, and connecting decentralized applications (Dapps) to a frontend using Solidity, Hardhat, and Next.js.
- **Security Risks Analysis:** Dedicated chapters dissect major security issues, including the 51% Attack, smart contract vulnerabilities (like Reentrancy), Sybil attacks, and common EVM bytecode flaws.
- **Solidity Code Vulnerabilities:** Highlights programming pitfalls specific to the Ethereum development language Solidity, such as gas optimization issues, access control flaws, and the challenges of contract upgradability.
- **Advanced Scalability Solutions:** Explores techniques to overcome network performance limitations like low TPS and high fees, focusing on Sharding, Sidechains, Off-Chain State Channels, and concurrent transaction processing.
- **Industry 4.0 Applications:** Details the promising real-world application of blockchain in Industry 4.0 (M2M communication) and Health 4.0, discussing both opportunities and inherent integration challenges.

Table Of Contents

- Network and Security
- Blockchain security issues
- Smart contracts
- Performance related issues
- Challenges in Blockchain

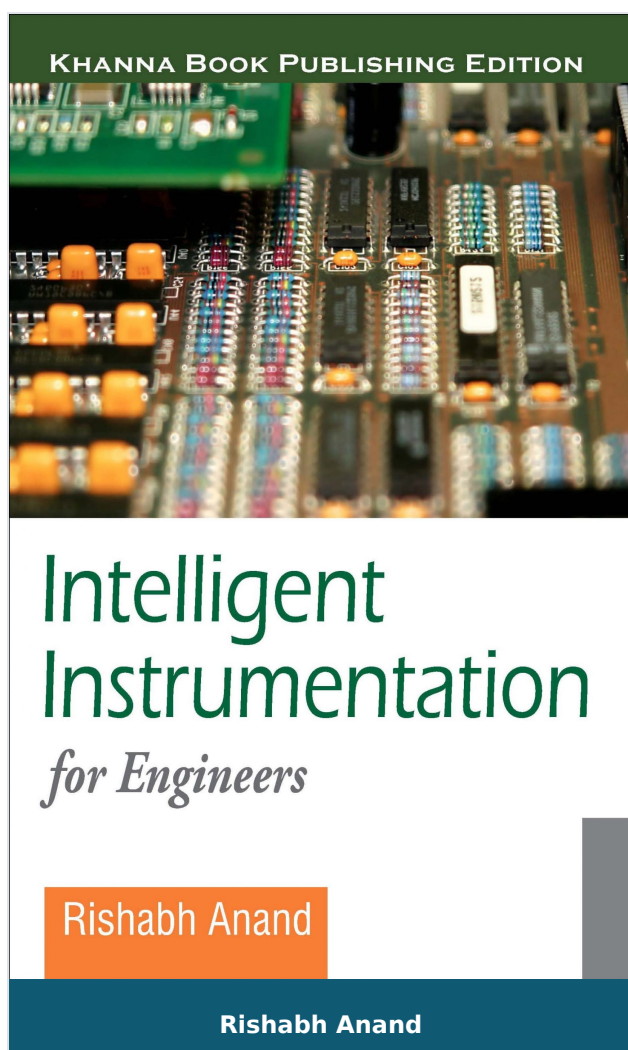
Author

Madhumathi M

Madhumathi M,

U. A. Ranjni

U. A. Ranjni



Intelligent Instrumentation for Engineers

Author :	Rishabh Anand
ISBN 13 :	978-93-81068-85-4
ISBN 10 :	9381068852
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Edition :	1
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Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 85.00
Categories :	Electrical, Electronics & Communication Engineering, Book Store
Condition Type :	New
Country Origin :	India

Product Description

Covers the complete latest syllabus of intelligent instrumentation for engineers prescribed by M.D.U. Rohtak. Encourages students to use an easy-to-understand system help them think critically about intelligent instrumentation. This book will be a boon to students and will help them to face examination in confident manner. Very lucid and simplified approach to understand the subject. Subject matter in each chapter developed systematically from figures and examples. All topics are explained in an easy manner followed by numerous figures and case studies. Provides user-friendly approach. Model question papers according to latest examination pattern for MDU are added. Review questions are included at the end of each chapter. These exercises allow students additional practice with each of the topics covered in the book.

Table Of Contents

- Introduction
- Interfacing Instruments and Computers
- Instrumentation Computer Networks
- Software Filters
- Appendix A
- Appendix B
- Model Test Paper For Practice

Author

Rishabh Anand

Rishabh Anand received his Bachelor's degree B.E (Hons) in Electronics and Communication Engineering from Maharishi Dayanand University, Rohtak in 2006. The author is M.Tech. in Electronics and Communication Engineering from Veer Bahadur Singh Purvanchal University, Jaunpur in 2014, and MBA from Indian Institute of Management, Kozhikode in 2016. The Author is Program Diploma in Innovation Management from International Business Management Institute, Germany (Berlin) in 2020. The author has contributed to research publications in refereed, cited International Conferences and Journals, and attended many conferences, workshops, FDPs, and seminars. Also, he is the reviewer member of IJSDR Journal. He is a prolific author with 34 Text and Reference books to his credit, for B. Tech. (ECE/CSE/IT), M.Tech. (ECE/CSE/IT), BCA, MCA, and other courses of different Universities of India and overseas. His areas of interest include Software Project Management, Cloud Computing, Deep Learning, Tensor Flow, Python, R Programming and Machine Learning. He is currently working in ITES industry as a Global Service Delivery Manager. He is Project Management Professional (PMP)®, ITIL®

Foundation Certificate in IT Service Management, PRINCE2® Practitioner Certification - Project Management, ScrumMaster® (CSM®), Certified Six Sigma White Belt (CSSWB™), Lean Six Sigma White Belt Certified (LSSWBC™) and Certified Six Sigma Green Belt™ (CSSGB™). The author delivers lectures as Visiting Faculty (Assistant Professor) in the Global Institute of Technology and Management, Farrukh Nagar, Gurgaon.