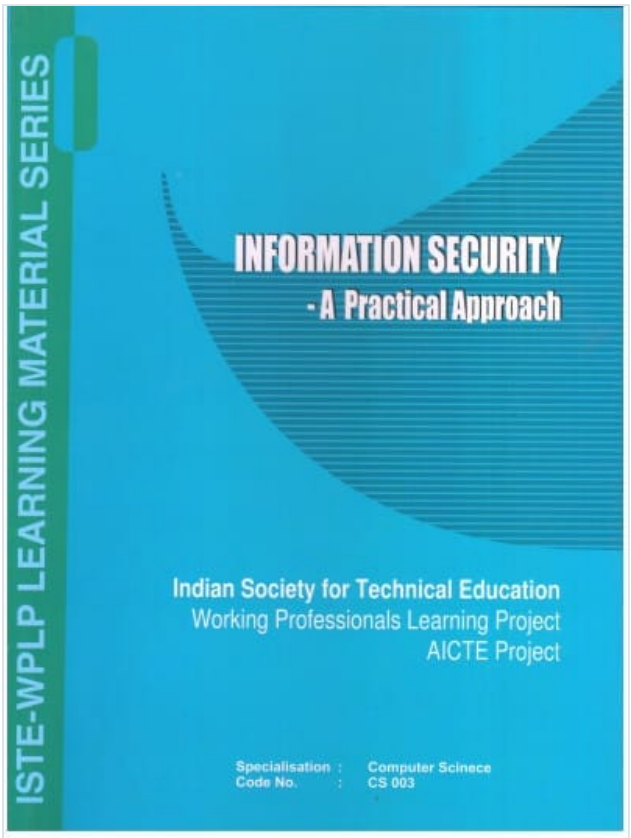


V.Vasudevan, S. Dhanasekaran, B. S. Murugan

Information Security- a Practical Approach

Author :	V.Vasudevan, S. Dhanasekaran, B. S. Murugan
ISBN 13 :	978-93-55386-89-2
ISBN 10 :	9355386893
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, Book Store, ISTE Series, Best Sellers
Condition Type :	New
Country Origin :	India

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.

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

Table Of Contents

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

Author

V.Vasudevan

V.Vasudevan

S. Dhanasekaran

S. Dhanasekaran

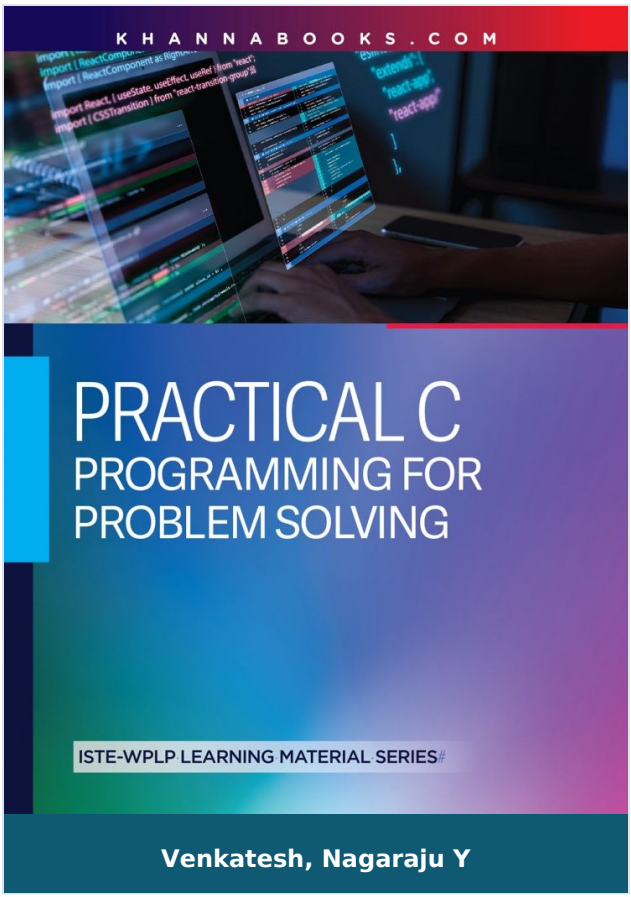
B. S. Murugan

B. S. Murugan

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



Practical C Programming For Problem Solving

Author :	Venkatesh, Nagaraju Y
ISBN 13 :	978-93-55386-74-8
ISBN 10 :	9355386748
E-ISBN 13 :	978-93-55386-74-8
Edition :	1
Pages :	400
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 540.00
Categories :	Computer Science Engineering, Book Store, ISTE Series, 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

The educational objective of this textbook is to introduce the fundamentals of C, its building blocks, the logic flow is to programs, and to provide a detailed explanation of C program coding.

This book is dedicated to pragmatic C programming. C is a language that makes learners feel confident while learning it. That's because C is a standardized and simple language with respect to syntax. It stands as the language of choice for hardware programming among programmers. This book emphasizes the skills required to solve real- world problems through programming. It not only offers insights into the working procedures but also delves into the fundamentals, teaching the creation of flowcharts and writing algorithms.

This book serves two general purposes. First, it acts as a manual for graduate-level students who wish to learn coding using the C programming language. Second, it serves as a guiding companion for newcomers in companies, aiding them in understanding logic flow and the art of coding. Learning C has become a prerequisite for Computer Science graduates, as the language is both simple and comprehensible. The motivation behind the writing of this book is to facilitate the process of learning C and mastering logic flow.

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

Table Of Contents

- Introduction to C Programming Fundamentals
- Basic Lebel C Programs
- Intermediate Lebel C Programs
- Concepts Oriented C Programs
- Sorting and Searching Algorithms
- Advanced C Programs
- Project Implementation Using C

Author

Venkatesh

Venkatesh,

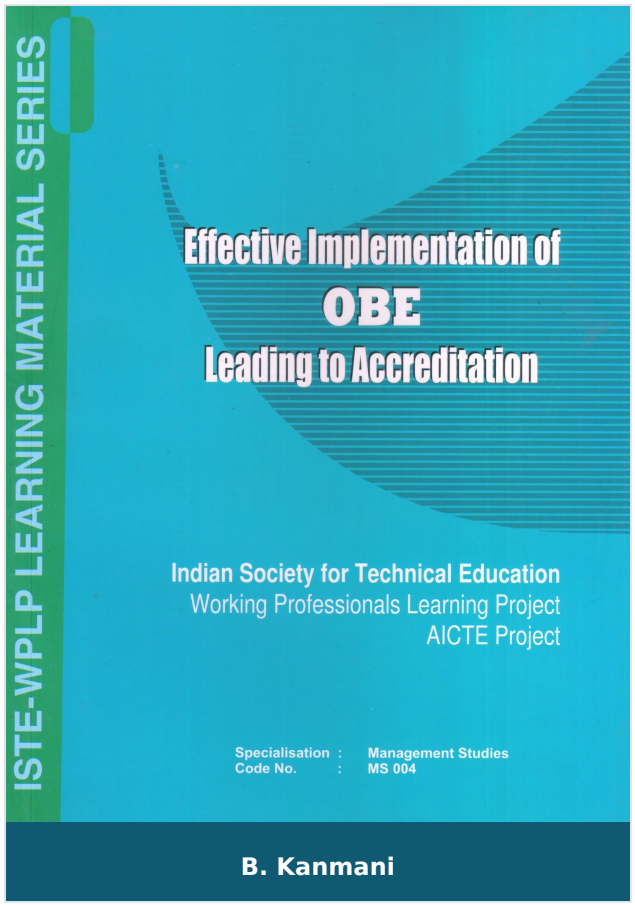
Nagaraju Y

Nagaraju Y

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



Effective Implementation of OBE Leading to Accreditation

Author :	B. Kanmani
ISBN 13 :	978-93-55383-97-6
ISBN 10 :	9355383975
E-ISBN 13 :	978-93-55383-97-6
Edition :	1
Pages :	249
Type of book :	Physical
Year :	2020
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 350.00
Categories :	Management Books, Book Store, ISTE Series, 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

Accreditation of programs has now become a measure of quality. Hence, a large number of engineering programs voluntarily apply to have their programs accredited. The programs put significant efforts towards preparing and submitting the Self-Assessment-Report (SAR), followed by the huge preparations for the actual evaluation by the expert team. Team book provides a comprehensive approach to ensure an effective implementation of OBE that is reflected through quality teaching together with quality assessments. The recommended processes when effectively implemented, leads to enhanced quality of the graduating engineers, as OBE is focused on student learning. This then reflects through enhanced performance of students in: Percentage of On-campus placements; Off-campus placements; Average ad highest pay package; Performance, through planned faculty contribution, eventually lead to accreditation. The book provides broad guidelines focused on implementation of Outcome Based Education (OBE) and associated academic procedures leading to accreditation of the program.

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

Table Of Contents

- Forward
- Preface
- Acknowledgement
- List of Abbreviations
- Introduction to the OBE process
- The Program Educational Objectives
- Curriculum Design
- The Program Outcomes and Program Specific Outcomes
- The Course Outcomes
- Computing the attainment of various Outcomes
- Student Performance
- Faculty Contribution
- Ensuring Continuous Improvement Through OBE
- Reference.

Author

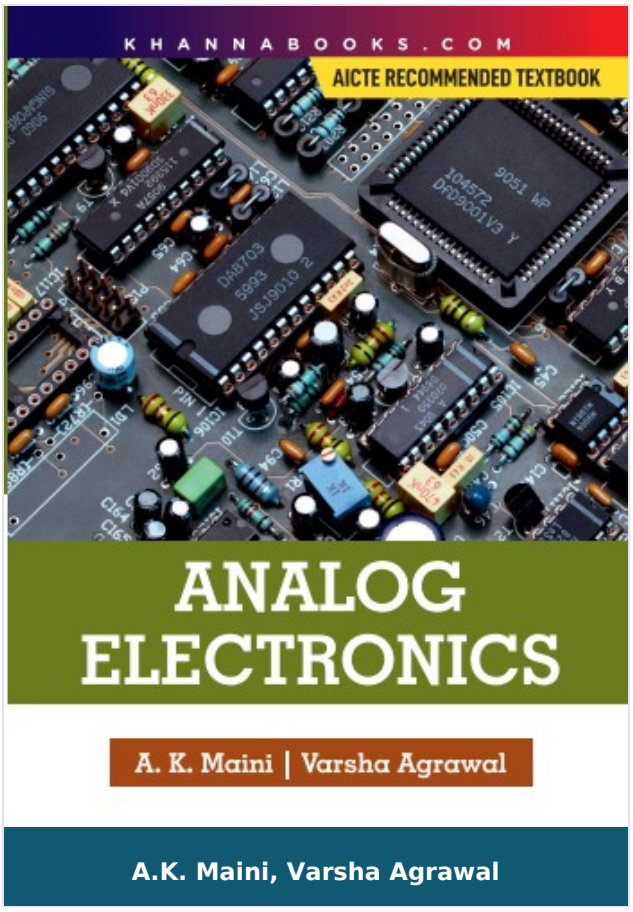
B. Kanmani

Dr. B. Kanmani

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



Analog Electronics

Author :	A.K. Maini, Varsha Agrawal
ISBN 13 :	978-93-86173-58-4
ISBN 10 :	9386173581
E-ISBN 13 :	978-93-86173-58-4
Edition :	First
Pages :	664
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 750.00
Categories :	UNIVERSITY RECOMMENDED, Electrical, Electronics & Communication Engineering, 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

Analog Electronics is a complete and yet concise textbook on Analog Electronics covering Semiconductor Devices and associated circuits. Major topics covered in the book include Semiconductor device fundamental, Small signal and Large signal analysis of amplifiers, Low and High frequency response of amplifiers, Sinusoidal and Non-sinusoidal oscillators, feedback amplifiers, Operational amplifiers and application circuits, D/A and A/D converters and finally Switched capacitor circuits. the contents are strictly as per the syllabus as prescribed by AICTE. the book is replete with Solved problems and Self-evaluation exercises including Multiple choice question with answers.

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

Table Of Contents

- Chapter-1: Semiconductor Diodes-Fundamentals, Types and Circuits
- Chapter-2: Bipolar Junction Transistor
- Chapter-3: Field- Effect Transistors
- Chapter-4: Small Signal Analysis of Amplifiers
- Chapter-5: Multistage Amplifiers
- Chapter-6: Large Signal Amplifiers
- Chapter-7: Feedback Amplifiers
- Chapter-8: Oscillators- Sinusoidal and Non-Sinusoidal
- Chapter-9: Introduction to Operational Amplifiers
- Chapter-10: Opamp Circuits
- Chapter-11: Digital-to-Analog and Analog-to-Digital Converters
- Chapter-12: Switched Capacitor Circuits
- INDEX

Author

A.K. Maini

A.K. Maini Dr. Anil K. Maini served Defence Research and Development Organisation (DRDO) for 36 years in different capacities. Before superannuation, he served as Director of Laser Science and Technology Centre (DRDO) from September 2008 to june 2014. His areas of expertise include Optoelectronic simulators and sensors, Laser systems, Electro-optic countermeasures and High voltage electronics, He has authored and co-authored 15 books more then 150 publications in national/international journals/magazines and has 12 patents (four granted, eight pending) to his credit Currently, he is Consultant in Defence Technologies.

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

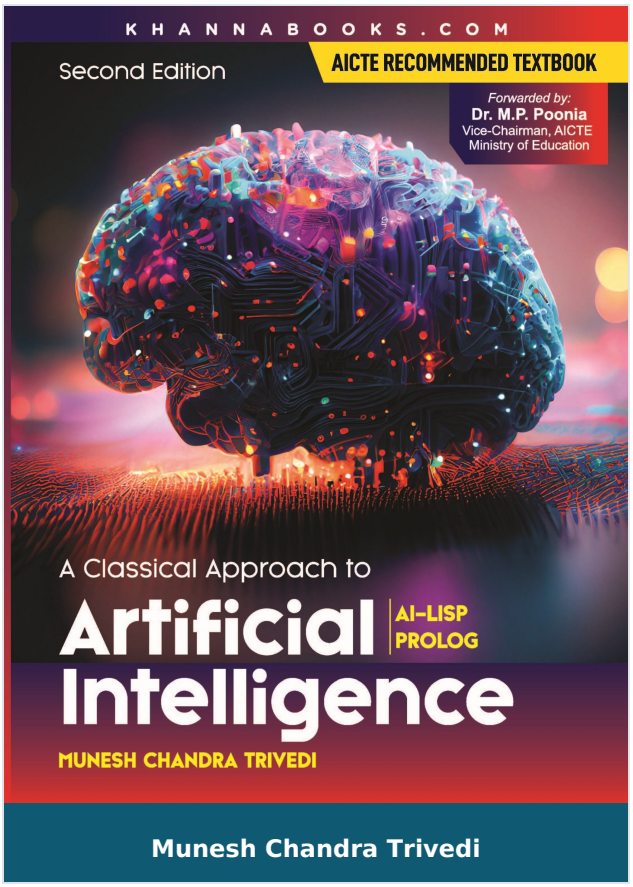
Varsha Agrawal

Varsha Agrawal is a Senior Scientitst with DRDO. She has more than 19 year of R&D experience in Laser Systems, Optronic sensor systems and Embedded electronics. She has authored and co-authored five books and has large number of publications in national and international journals/magazines and has one patent to her credit.

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



A Classical Approach to Artificial Intelligence | AICTE Recommended Textbook

Author :	Munesh Chandra Trivedi
ISBN 13 :	978-81-90698-89-4
ISBN 10 :	8190698893
E-ISBN 13 :	978-81-90698-89-4
Edition :	Second
Pages :	540
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 495.00
Categories :	UNIVERSITY RECOMMENDED, Computer Science Engineering, Emerging Technologies, Book Store, 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

There are many books available in the market on the proposed topic but none of them can be termed as comprehensive. Besides, students face many problems in understanding the language of this books. Keeping these points in mind, Artificial Intelligence was prepared, which should be simple enough to comprehend and comprehensive enough to encompass all the topics of different institutions and universities.

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

Table Of Contents

- Overview of Artificial Intelligence
- Problem Solving and Search
- Search Methods
- Problem Solving in Games (Adversarial Search)
- Understanding Natural Languages
- Knowledge Representation
- Techniques of Knowledge Representation
- Expert System
- Pattern Recognition
- Computer Vision
- Computer Vision Representations
- Common Sense
- Programming Languages

Author

Munesh Chandra Trivedi

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

Khanna Publishing House

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

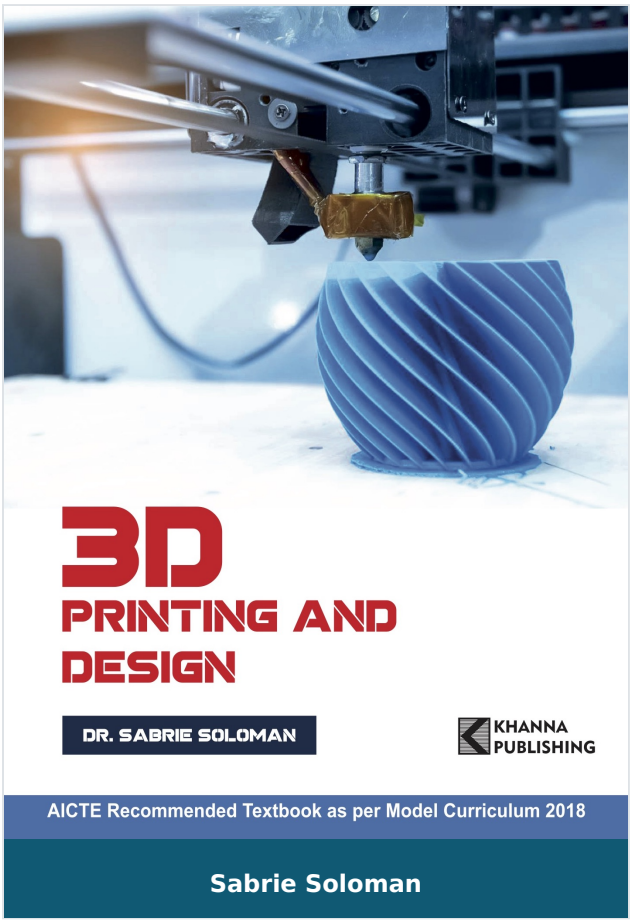
Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

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 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.

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



3D Printing & Design

Author :	Sabrie Soloman
ISBN 13 :	978-93-86173-76-8
ISBN 10 :	938617376X
E-ISBN 13 :	978-93-86173-76-8
Edition :	First
Pages :	436
Type of book :	Physical
Year :	2020
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 295.00
Categories :	UNIVERSITY RECOMMENDED, Computer Science Engineering, Emerging Technologies, Book Store
Condition Type :	New
Country Origin :	India

Product Description

This book provides a detailed guide to various 3D printing technologies, explaining their operational principles, similarities, and differences. It offers practical insights into optimal implementation methods, making it an invaluable resource for school students, university undergraduates, and postgraduates. Readers will gain both foundational knowledge and hands-on inspiration to explore their creativity by designing and printing their own innovative models. In addition, educators and professionals will find the content highly relevant, enabling them to effectively apply and advance 3D printing technologies within their institutions or organizations.

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

Table Of Contents

- Digital Manufacturing
- Digital Design for 3D Printing
- Fundamentals of Additive Manufacturing
- Design for 3D Printing
- 3D Printing Designing Through Binder Jetting
- Accelerate Design Cycles Design Verification Lowering
- Evolving 3D Printing
- 3D Printing & Design in Healthcare, Food,
- Additive Manufacturing
- The Impact of Additive Manufacturing on the Integral Economy
- References
- Appendix

Author

Sabrie Soloman

Dr. Sabrie Soloman, Ph.D., Sc.D., MBA, PE - He is the Chairman & CEO of American SensoR x, In, USA; Founder of Advanced Manufacturing Post Graduate Studies at Columbia University, USA; Professor of Advanced Technology at Columbia, where he lectures on Sensors & Control Systems in Manufacturing, Affordable Automation, Computer Integrated Manufacturing (CIM), Flexible Manufacturing System (FMS), Design for Manufacturability, Introduction to Electromechanical Engineering, Modern Welding Technology, and 3D Printing/Bioprinting Technology. Dr. Soloman authored numbers of technical books published and translated worldwide: Sensors Handbook (2nd edition), Sensors and Control Systems in Manufacturing (2nd edition), Affordable Automation,

Khanna Publishing House

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

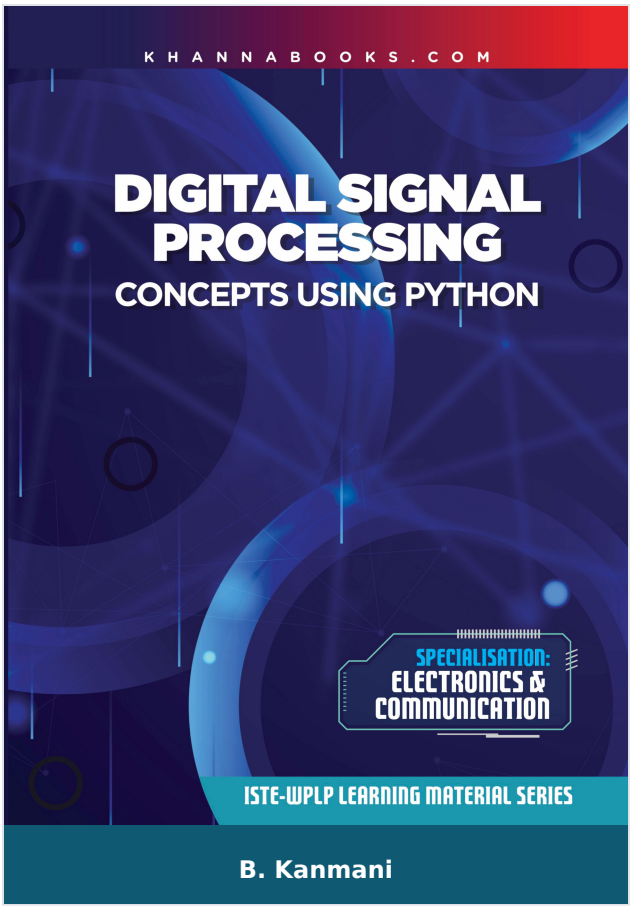
Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

Introduction to Electromechanical Engineering, Modern Welding Technology, to name a few. Dr. Soloman holds numerous Patents, Technical Awards, and several US Product Registrations. He is a Fellow of the Society of Manufacturing Engineers. USA. The Royal Society of Manufacturing Engineers (England), and L'Ores Des Ingenieurs Du Quebec (Canada), He received several awards from the American Society of Mechanical Engineers (ASME), the Society of Manufacturing Engineers (SME), and the American Management Association (AMA). Dr. Soloman is considered an international authority on advanced manufacturing technology, robotics, biomedical engineering, pharmaceuticals, and automation in the microelectronic, automotive, beef, pork, poultry industries. He has been and continues to be instrumental in developing and implementing several industrial and modernization programs through the United Nation to European, Asian, and African countries. He is the first to introduce and implement unmanned flexible synchronous/asynchronous manufacturing systems the microelectronic and meat industries, and the first to incorporate advanced vision technology in a wide array of robot/micro-robot manipulators. Dr. Soloman was selected to deliver the US Presidential closing address, "Innovative Remote Sensors Technologies," at the Universal Design Conference, New York, USA

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



Digital Signal Processing Concepts Using Python

Author :	B. Kanmani
ISBN 13 :	978-93-55382-68-9
ISBN 10 :	9355382689
E-ISBN 13 :	978-93-55382-68-9
Edition :	1
Pages :	492
Type of book :	Physical
Year :	2024
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 765.00
Categories :	Computer Science Engineering, Book Store, ISTE Series, 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

In this book, we have addressed various concepts in the typical Under Graduate course on, 'Digital Signal Processing'. The focus is to have a quick overview of the intended concept. This book is not a replacement to the prescribed text book in the curriculum. However, through the examples illustrated, it helps comprehend the concept. In addition, every Chapter of the book is accompanied by the link to the Python code is developed on the Goggle Colaboratory and hence is an Open source programming environment. No prior knowledge of Python is essential; however, and experience in any programming language will prove useful. The programming approach is to be able to develop the code for the concept from the mathematical equation and avoid the use of in-built functions. We would like to add that, we are using Python, purely to help comprehend the signal processing concept and not develop and efficient Python code. Experienced programmers may build alternate and efficient code.

The motivation for coming out with this compilation, is because, students are usually introduced to the required pre-requisitions in earlier courses. For example, the 'Engineering Mathematics', course is likely to have introduced Calculus (integration, differential equation, difference equation), Laplace Transform, Fourier series, Fourier Transform, Z-Transform. The courses on 'Analog Electronic Circuits and 'Network Analysis', is likely to have introduced basic electronic circuits including resistors, capacitors, inductors and Operational amplifiers, that require the need to obtain the transfer function, the response to a given output. The student is usually introduced to another independent programming language (C/C++/ Python/Matlab /Sci-lab/ R programming/any other), where the emphasis is on the syntax of the language. In this Book, we provide a brief introduction to every pre-requisite; explain the concept, together with few examples for every concept. In addition, wherever applicable, different methods of arriving at the given solution are also included. The concept of Digital Signal Processing

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

is complete, even without any reference to Python. The reference to Python is purely for students to explore further.

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

Table Of Contents

- PREFACE
- ACKNOWLEDGEMENT
- Digital Signals
- The Sampling Process
- Classification of Digital Systems
- Representation and Classification of Linear Time Invariant Systems
- Time Domain Analysis of Linear Time Invariant Systems
- Frequency Domain Analysis of Linear Time invariant Systems
- Design and Analysis of FIR Filters
- Analog Butterworth Filters
- Design and Analysis of IIR Filters

Author

B. Kanmani

Dr. B. Kanmani

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



Programming in Python

Author :	R.S. Salaria
ISBN 13 :	978-93-89139-01-3
ISBN 10 :	9389139015
E-ISBN 13 :	978-93-89139-01-3
Edition :	First
Pages :	380
Type of book :	Physical
Year :	2024
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 375.00
Categories :	Computer Science Engineering, Emerging Technologies, Book Store
Condition Type :	New
Country Origin :	India

Khanna Publishing House
4C/4344, Ansari Road, Daryaganj, New Delhi-110002
Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

Product Description

This book is designed to serve as textbook for the students taking this subject. It is a book with a difference form other textbooks as it lays more emphasis on the conceptual concepts that are supported by illustrative examples, plenty of challenging theory and programming exercises, to test your knowledge acquired on the subject.

While writing the book, special emphasis is given to keep the language very simple and lucid; 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 the subject.

Salient Feature

- Simple and easy language to encourage self-study
- Focus on the conceptual concepts of the subject.
- Demonstrates the development of programs in a good programming style.
- Large number of ready to run programs for reference.
- Large number of very short, short, and long theory questions to test your knowledge about the subject learned.
- Large number of programming exercises to test your programming skills acquired.

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

Table Of Contents

- Familiarizing with Python
- Python Fundamentals
- Data Types, Operators and Expressions
- Standard Input/Output
- Decision Making Statements
- Iterative/Looping Statements
- Modular Programming Using Function, Modules, and Packages
- Strings
- Sets
- Lists
- Sets
- List
- Tuples
- Dictionnaires
- File Handling
- OOP Concepts
- Classes and Objects
- Inheritance
- Operator Overloading
- Errors and Exceptional Handling
- Using Database and SQL

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

Author

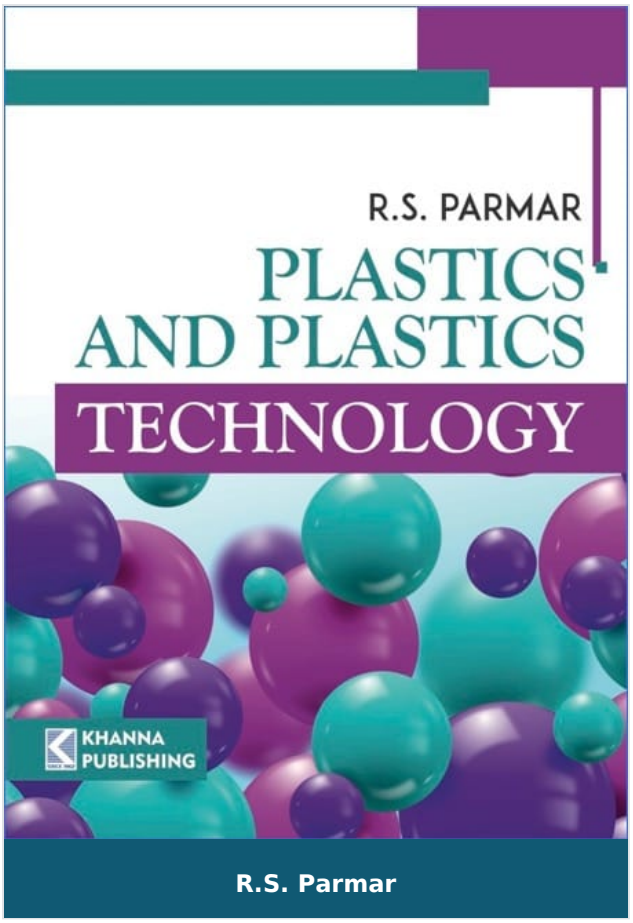
R.S. Salaria

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

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



Plastics & Plastics Technology

Author :	R.S. Parmar
ISBN 13 :	978-93-86173-74-4
ISBN 10 :	9386173743
E-ISBN 13 :	978-93-86173-74-4
Edition :	First
Pages :	304
Type of book :	Physical
Year :	2020
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 325.00
Categories :	Mechanical Engineering, Civil Engineering, Book Store
Condition Type :	New
Country Origin :	India

Khanna Publishing House

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

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

Product Description

This book is an outcome of author's desire for deeper knowledge into vital field of plastics without which it is almost impossible to imagine the modern day civilization. There has been an effort to cover all plastics used till date and fairly good details are provided regarding their chemical structure, properties and uses. Production of copolymers and poly alloys is also described. Production of Reinforced Plastics and Composites with their properties and specific uses are as well included.

Because it is essential to know the physical and mechanical properties of the plastics to select these for required service conditions so methods employed to determine such properties are described in fairly good detail. Manufacturing processes to shape the plastics for specific application are detailed at length. That includes molding, casting, welding, forming, machining and miscellaneous processes like calendaring, silk-screening, pultrusion, filament winding etc.

Selection of plastics for specific uses is an important consideration. So important uses of all major engineering plastics are listed. Unlike metals, identification of plastics is not easy but that knowledge is essential for reuse and recycling of them. So identification methods for plastics and their recyclability have been described as per the international norms.

At the end some appendices are included that provide helpful data need for selection and use of different plastics. Some selected standards on Plastics form ASTM and BIS are also included for ready reference for use by industries and researchers alike. Finally, Indian Institutes and Universities awarding degrees and diplomas in Plastic/Polymer Engineering and Technology are also listed for the benefit of those interested in pursuing this filed as their profession.

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

Table Of Contents

- Polymers, Plastics and Elastomers (Rubbers)
- Polymeric Materials
- Testing of Plastics
- Processing of Polymers
- Case Study: Automotive Products
- Recycling of Plastics
- Epilogue
- Appendices
- Bibliography Index

Author

R.S. Parmar

Dr. R.S. Parmar is B.A. and B.Sc (Mechanical Engineering) from Punjab University, M.E. (Production Engineering) from University of Roorkee (Now IIT, Roorkee) and Ph.D (Mechanical Engineering) from I.I.T. Kharagpur. He has an experience of more than 50 years in teaching and research in different subject of Mechanical Engineering particularly related to materials and manufacturing processes and technology. He served for about 14 years at R.E.C. (Now NIT), Srinagar (Kashmir), 21 years at I.I.T., Delhi and 20 years at NSIT (Now NSUT), New Delhi. He also served for one year at Brunel University, London (U.K.) He has guided a number of Ph.D., M.Tech., and B.tech. Research Projects and published a large number of technical papers in Indian and foreign journals on different aspects of manufacturing processes. He is a gold medallist from University of Roorkee and has won a number of awards from Institution of Engineers (India), American Welding Society, and Indian Institute of Welding. He is a life Fellow of Institution of Engineers

Khanna Publishing House

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

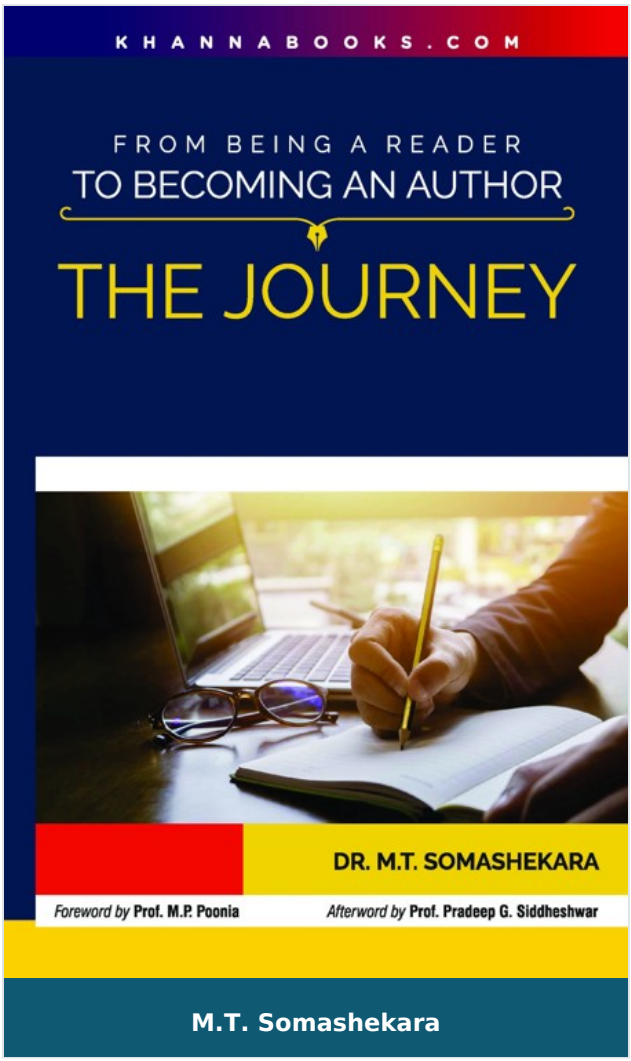
Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

(India) and The India Institute of Welding and a Life Member of Indian Society of Technical Education.

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



The Journey - From Being a Reader to Becoming an Author

Author :	M.T. Somashekara
ISBN 13 :	978-93-89139-05-1
ISBN 10 :	9389139058
E-ISBN 13 :	978-93-89139-05-1
Edition :	First
Pages :	130
Type of book :	Physical
Year :	2021
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 199.00
Categories :	Management Books, General 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

Here is a collection of my motivational and directional messages on authoring academic books. They answer the questions why should a teacher in an institution of higher learning involve in authoring an academic book? And How to go about authoring keeping in mind the expectations from the book’s perspective readers and the expectations from the prospective publishers?

And in addition to these there is one more chapter (9th one) namely “9. Responses from Professors of Eminence, Teachers, Friends and Team Members on the Initiative and on the Motivational and Directional Communications”.

The messages in the well-organized chapters undoubtedly clear all inhibitions in the mind of a teacher aspiring to become an author. The book has thus turned out to be a reference guide consisting of the right set of prescriptions for budding authors of academic books to realize their dream of becoming an author.

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

Table Of Contents

- Nature of Authoring Work
- Impact of Authoring on Teaching and Learning
- Impact of Authoring on Improvement in English Language
- Benefits of Publishing with Internationally Reputed Publishers
- Experiences Gained During the Authoring Process
- Motivational Quotes by Others
- Impact of Authoring on our Life
- Directional Communication on How to Go About Authoring
- Responses from Professors of eminence, teachers, friends and team members on the initiative and on the motivational and directional communications.
- Postface
- Afterword.

Author

M.T. Somashekara

M.T. Somashekara is with the Department of Computer Science and Applications, Bangalore University, Bengaluru. He has over two decades of teaching experience at both UG and PG levels. He has authored three other books ‘Problem Solving with C’, ‘Object-Oriented Programming with C++’’ and ‘Object-Oriented Programming with JAVA’ published by PHI Learning Private Limited, New Delhi and all of these have seen multiple editions. They have been adopted as textbooks/reference books for UG and PG courses of more than a hundred universities and autonomous colleges in the country. He has also authored a unique motivational and directional book on authoring academic books entitled ‘The Journey – From Being a Reader to Becoming an Author’ brought out by

Khanna Publishing House

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

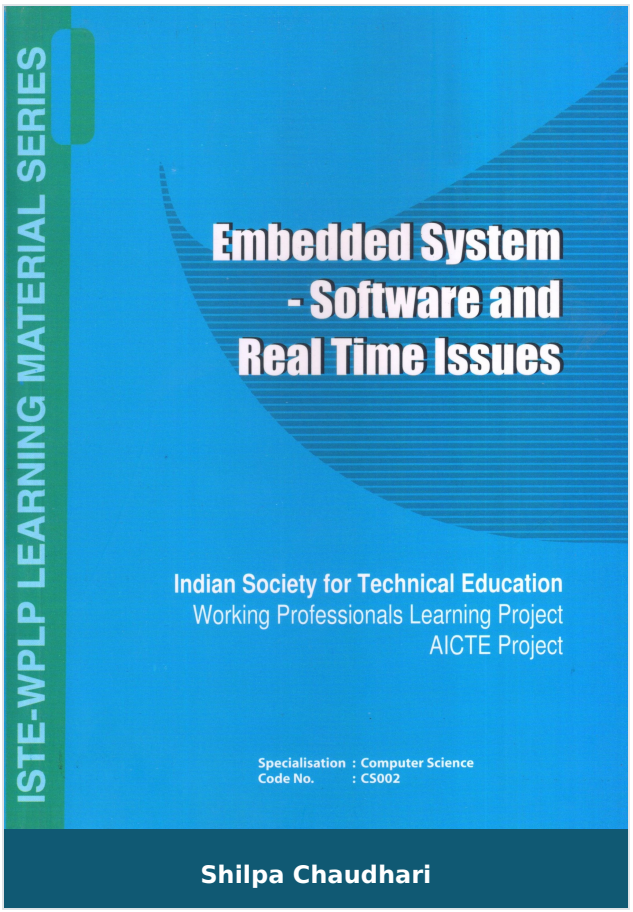
Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

Khanna Publishing House and it is useful for those aspiring to become academic authors as it not only motivates but guides also as to how to go about academic authoring. He has several research papers to his credit in national and international journals. He is a life member of ISTE CSI, ISCA, and IUPRAI. His areas of academic interest include Data Structures, Algorithms, Programming Languages, Operating Systems, and Databases. His areas of research include Image Processing and Pattern Recognition.

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



Embedded System- Software and Real Time Issues

Author :	Shilpa Chaudhari
ISBN 13 :	978-93-55384-81-2
ISBN 10 :	9355384815
E-ISBN 13 :	978-93-55384-81-2
Edition :	1
Pages :	458
Type of book :	Physical
Year :	2009
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 649.00
Categories :	Computer Science Engineering, Book Store, ISTE Series
Condition Type :	New
Country Origin :	India

Product Description

This learning material is prepared to train fresh graduates and working professionals, to take up the challenges of embedded system design with special emphasis on embedded software design. Embedded system design is about designing a dedicated system, providing solution to a specific problem by implementing a specific application. Embedded system design uses all existing technologies to provide such application-oriented solution. The design begins with understanding the requirements of specifications are further implemented , using suitable technologies. The learning materials is organized to give overall view of embedded system design with special emphasis on software design.

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

Table Of Contents

- Foreword
- Preface
- Introduction to Embedded System Design
- Embedded Software Design
- Operating Systems
- Real-time Operating Systems-I
- Real-time Operating System-II
- Task Management in MicroC-OS
- Synchronization
- Mailbox, Message Queue and Memory Partitioning
- Distributed (Networked) Embedded Systems
- Network Programming
- Software Modeling
- References
- Bibliography

Author

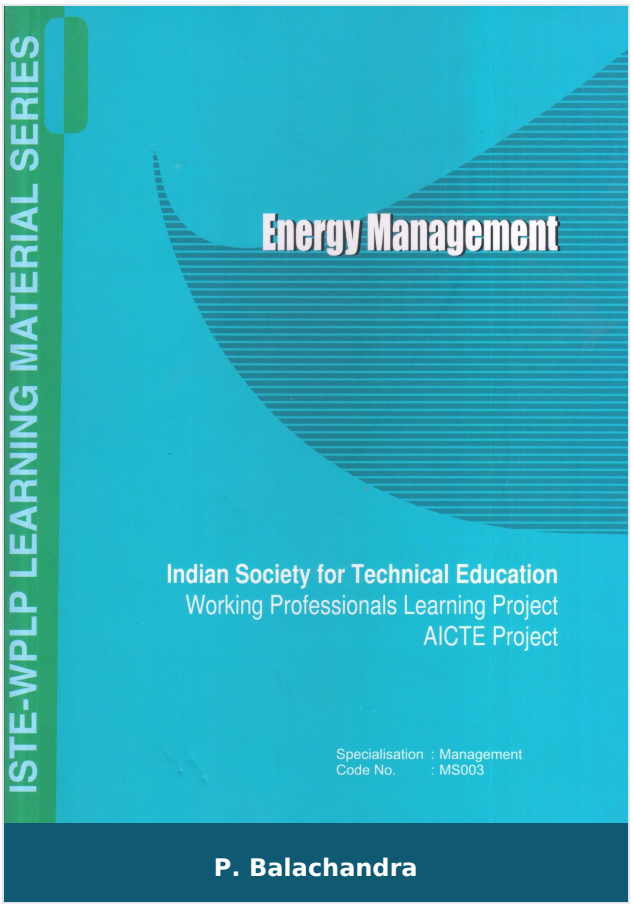
Shilpa Chaudhari

Shilpa Chaudhari

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



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

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

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.

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

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,

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

Mumbai. He received his ph.D. in Energy and Enviroment form 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 truing 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 ha co-authored three books and published about 70 papers in various iInternational and National journals, conferences and edited books.

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