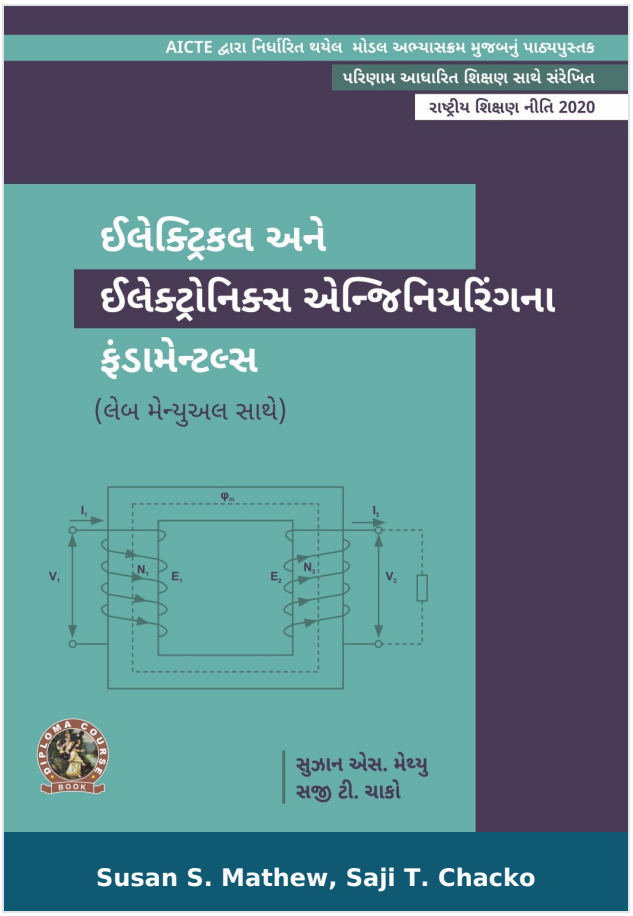


Fundamentals of Electrical and Electronics Engineering (with Lab Manual)

Author :	Susan S. Mathew, Saji T. Chacko
ISBN 13 :	978-93-55380-67-8
ISBN 10 :	93-55380-67-4
E-ISBN 13 :	978-93-55380-67-8
Edition :	First
Pages :	256
Type of book :	Physical
Year :	2023
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 395.00
Categories :	AICTE Prescribed Textbooks, Gujarati Books, Bookstore, Ebooks
Condition Type :	New
Country Origin :	India

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

Product Description

“Fundamentals of Electrical & Electronics Engineering” is a compulsory paper for the first year Diploma course in Engineering & Technology Syllabus of this book is strictly aligned as per model curriculum of AICTE, and academic content is amalgamated with the concept of outcome based education. Books covers six topics- Overview of Electronics Components and Signals. Overview of Analog Circuits. Overview of Digital Electronics, Electric and magnetic Circuits, A.C. Circuits and Transformer and Machines. Each topic is written is easy and lucid manner. A set of exercises at the end of each units to test the student’s comprehension is provided.

Some salient features of the book:

1. Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes and Unit Outcomes.

2. The practical applications of the topics are discussed along with micro projects and activities for generating further curiosity as well as improving problem solving capacity.

3. Book provides lots of vital facts, concepts, principles and other interesting information.

4. QR Codes of video resources and websites to enhance use of ICT for relevant supportive knowledge have been provided.

5. Student and teacher centric course materials included in book in balanced manner.

6. Figures, tables, equations and comparative charts are inserted to improve clarity of the topics.

7. Objective questions and subjective questions are given for practices of students at the end of each unit. Solved and unsolved problems including numerical examples are solved with systematic steps.

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- Appendices
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Author

Susan S. Mathew

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Susan S. Mathew

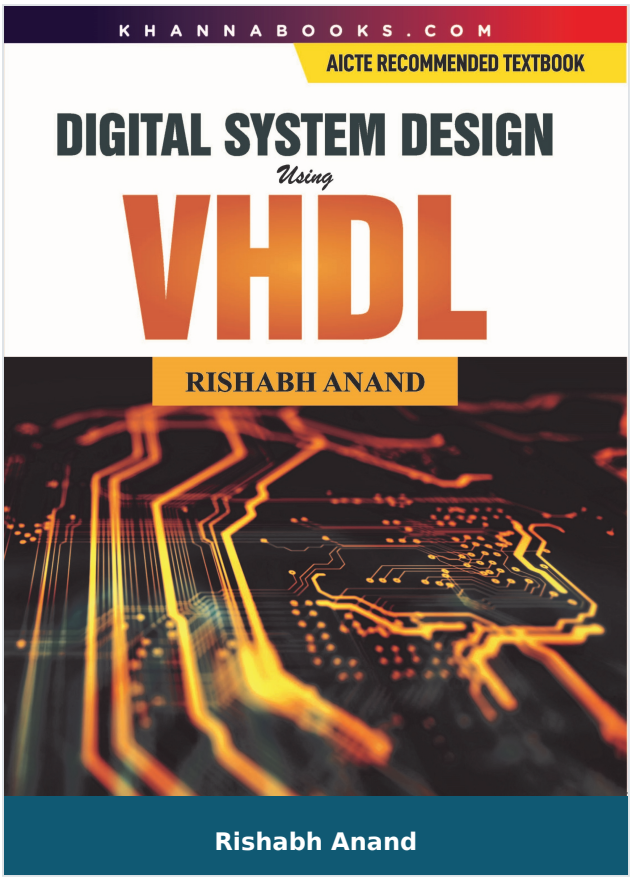
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Digital System Design Using VHDL

Author :	Rishabh Anand
ISBN 13 :	978-93-81068-78-6
ISBN 10 :	93-81068-78-X
E-ISBN 13 :	978-93-81068-78-6
Edition :	1
Pages :	348
Type of book :	Physical
Year :	2023
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 529.00
Categories :	Computer Science Engineering, University Recommended, Bookstore
Condition Type :	New
Country Origin :	India

Product Description

The book covers the complete syllabus of subject as suggested by most of the universities in India. Generic VHDL code is taught and used through out the book so that different companies. VHDL tools can be used if desired. Moving from the unknown in a logical manner. Subject matter in each chapter develops systematically from inceptions. Large number of carefully selected worked examples in sufficient details. No other reference is required. Ideally suited for self-study.

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- Combinational Circuit Design
- Sequential Circuit
- Specification And Implementation Of A Microcomputer
- Introduction To Programmable Logic Devices
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- Frequently Asked Questions
- Appendix

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

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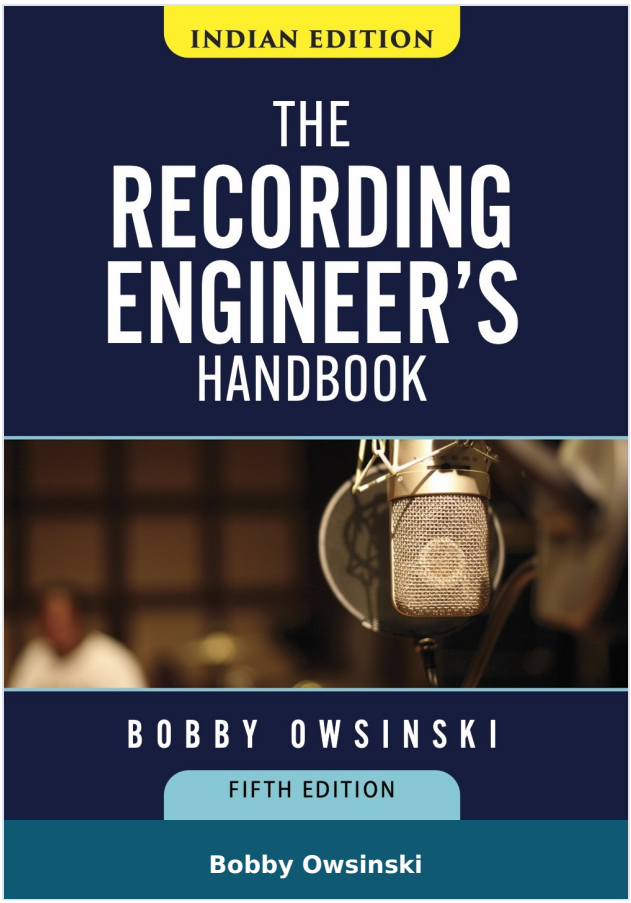
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Programming and Machine Learning. He is currently working in ITES industry as a Global Service Delivery Manager. He is Project Management Professional (PMP)®, ITIL® Foundation Certificate in IT Service Management, PRINCE2® Practitioner Certification - 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.

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The Recording Engineer's Handbook (Indian Edition)

Author :	Bobby Owsinski
ISBN 13 :	978-93-55385-16-1
ISBN 10 :	93-55385-16-1
E-ISBN 13 :	978-93-55385-16-1
Edition :	Fifth Edition
Pages :	325
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 898.00
Categories :	Emerging Technologies, Bookstore
Condition Type :	New
Country Origin :	India

Product Description

The Recording Engineer’s Handbook by Bobby Owsinski has become a music industry standard found in studios all over the world, and this fully updated fifth edition once again offers the most comprehensive and up-to-date overview of the art of audio recording. Written with today’s technology and workflows in mind. The Recording Engineer’s Handbook Fifth Edition is a must-have resource for anyone interested in recording either in their home or a commercial studio.

In the book’s first section, you’ll learn everything from how microphones work to specific techniques for recording drums, individual instruments, vocals and much more. In the second section you’ll benefit from the wisdom and down-to-earth practical advice offered by a host recording professional including all-time greats like Al Schmitt, Eddie Kramer, Sylvia Massy and many others.

Topics include:

Besides the ever-popular sections on recording gear, gain staging and levels, recordings for just about any instrument, and interviews with some of the world’s most honored recording engineers, this 5th edition contains new topics like.

. The latest in recording and microphone technology

. An overview of modeling microphones

. A complete overview of immersive recording techniques

. A new section on cleaning and disinfecting your microphones

. The latest recording methods for drum sounds and individual instruments

. Home studio recording techniques

. And four new interviews with top engineers

Learn the art of recording with renowned author, teacher, producer and engineer Bobby Owsinski, and, in the interviews, explore the creative processes behind not only today’s hits but the classic cuts we’ve enjoyed for years. See for yourself why the Recording Engineer’s Handbook, Fifth Edition is the book that’s a standard text in college music production courses all over the world.

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- Dennis Moody
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- Al Schmitt
- Glossary
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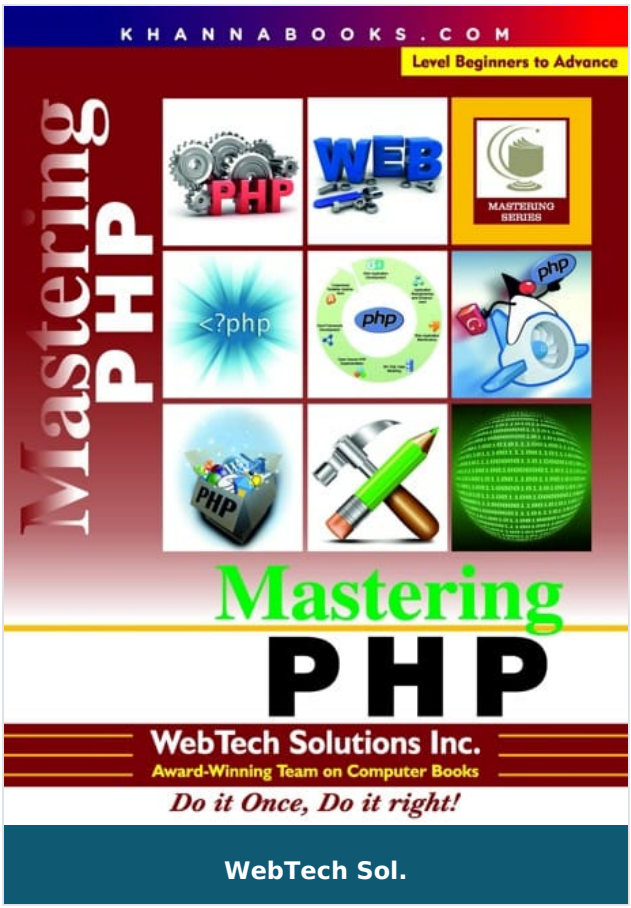
Bobby Owsinski

Bobby Owsinski is one of the bestselling authors in the music industry with 24 books that are staples in audio recording, music and music business programs in colleges around the world, including the Mixing Engineer’s Handbook, The Music Producer’s Handbook, Music 4.0: A Survival Guide for Making Music in the Internet Age, and more. He’s also a contributor to Forbes covering the new music business, his popular production and music industry blogs are over 8 million visits, and he’s appeared on CNN and ABC News as a music branding and audio expert. Visit BobbyOwsinskiBlog.com, his music industry blog at Music3Point0.com, his podcast at BobbyOInnerCircle.com, and his website at BobbyOwsinski.com.

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Mastering PHP

Author :	WebTech Sol.
ISBN 13 :	978-93-81068-67-0
ISBN 10 :	93-81068-67-0
E-ISBN 13 :	978-93-81068-67-0
Edition :	First
Pages :	392
Type of book :	Physical
Year :	2012
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 295.00
Categories :	Bookstore, Mastering Series, Advance Computer Books
Condition Type :	New
Country Origin :	India

Product Description

Web Tech solutions Inc. is one of the pioneers of the technology industry. Web Tech solution Inc. is a leading IT development company bringing the latest technologies in a short span of time. Its professional research team aims to deliver the latest information on the best way to analyze, develop, test, debug and tune best development skills including technical coding and theoretical concepts of IT. Its main aim is committed to excellence; excellence in its range and quality of publishing; excellence in dedication to its authors and excellence in the service it provides to the readers. By way of this book, Mastering PHP has become faster and easier as all the relevant information and step-by-step approach has been followed in simple plain English. It is designed very systemically and logically. The basic concepts have been taught in-depth with lots of examples and screen shots. A large number of unsolved as well as solved exercises have been included for the benefit of the readers.

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Author

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WebTech Sol. WebTech Solutions Inc. is one of the pioneers of the technology industry. Webtech Solution Inc. is a leading IT development company bringing the latest technologies in a short span of time. Its professional research team aims to deliver the latest information on the best ways to analyze, develop, test, debug and tune best development skills including technical coding and theoretical concepts of IT. Its main aim is committed to excellence: excellence in its range and quality of publishing; excellence in dedication to its authors and excellence in the service it provides to the readers.

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Kamatchi K. S., Sundaravelrani

Open Source Software

Author :	Kamatchi K. S., Sundaravelrani
ISBN 13 :	978-93-55386-33-5
ISBN 10 :	93-55386-33-8
E-ISBN 13 :	978-93-55386-33-5
Edition :	First
Pages :	216
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 298.00
Categories :	New Arrivals, Bookstore, Sathyabama Series
Condition Type :	New
Country Origin :	India

Product Description

Open Source Software

Open-Source Software (OSS) has fundamentally transformed the modern technological landscape, becoming the backbone of computing by driving innovation, collaboration, and democratizing access to powerful tools.

Open Source Software is a comprehensive guide designed to equip both seasoned developers and newcomers with the theoretical and practical knowledge needed to thrive in the open-source ecosystem. The book starts with an in-depth exploration of the legal landscape, clarifying complex topics such as copyright, patents, and licensing (including GPL, MIT, and Apache) to ensure legal compliance in open-source projects.

The technical journey delves into the foundational tools, including the indispensable GNU/Linux operating system and its core utilities, compilers, and linkers. It masters open-source programming techniques such as version control (Git), code reviews, and effective development toolchains. Ultimately, this text empowers you to contribute to and leverage OSS systems, transforming you from a user into a vital participant in the global open collaboration movement.

Salient Features:

- **Legal and Licensing Mastery**: Comprehensive coverage of Intellectual Property (IP) Rights and the core concepts of Free Software (the four freedoms). Detailed analysis of copyleft licenses (GPL, AGPL) versus permissive licenses (MIT, Apache, BSD).
- **GNU/Linux System Essentials**: Installation and configuration of GNU/Linux distributions, including mastering basic shell commands for file/directory management.

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- **Scripting and Automation**: Hands-on introduction to Bash, SED, and AWK scripting for system automation and data manipulation.
- **GUI Application Development**: Introduction to cross-platform GUI Programming using open-source frameworks like Qt and GTK+, including techniques for Localization.
- **FOSS Philosophy and Trends**: Examination of the FOSS philosophy and trends, including its global and Indian adoption and potential.

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Author

Kamatchi K. S.

P. Jeyanthi, Sankari M., Kamatchi K. S.

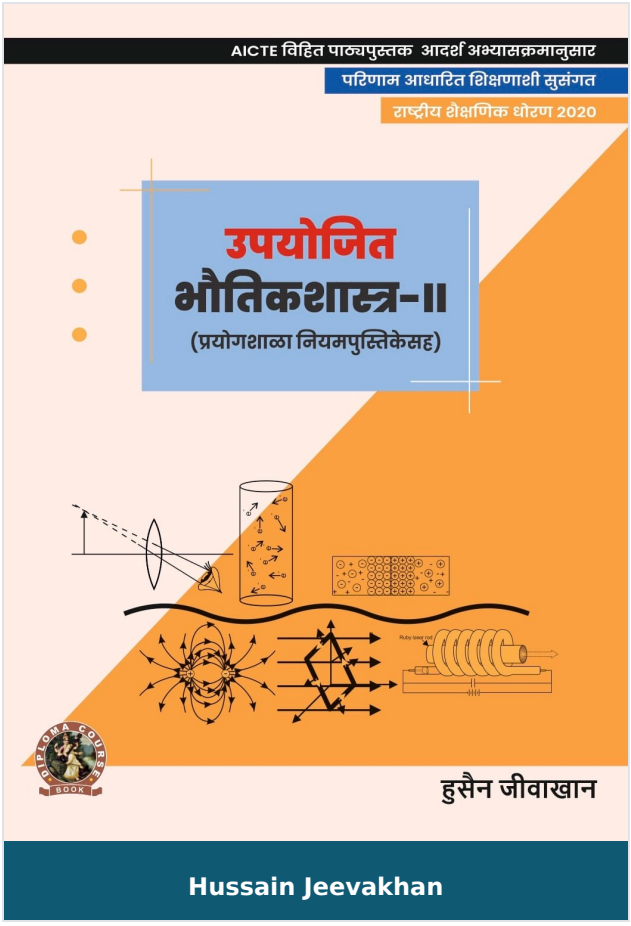
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Applied Physics-II (with Lab Manual)

Author :	Hussain Jeevakhan
ISBN 13 :	978-93-55380-28-9
ISBN 10 :	93-55380-28-3
E-ISBN 13 :	978-93-55380-28-9
Edition :	First
Pages :	260
Type of book :	Physical
Year :	2022
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 395.00
Categories :	AICTE Prescribed Textbooks, Marathi Books, Bookstore, Ebooks
Condition Type :	New
Country Origin :	India

Product Description

“Applied Physics-ll” is a basic science course in the first year of the Diploma program in Engineering & Technology. Contents of this book are stringently aligned as per model curriculum of AICTE and incorporated with the concepts of outcomes-based education(OBE).

Book covers seven topics- Wave motion, Optics, Electrostatics, Current electricity, Electromagnetism, semiconductor physics and Modern physics. Each topic and its subtopics are written from the perspective of a student’s learning and in accord with the NEP 2020 guidelines. Every unit comprises a set of activities and exercise at the end to assist the student’s learning.

Some salient features of the book:

1. Unit Outcomes of each unit are mapped with Course Outcomes and Programs Outcomes.

2. Book Provides relevant interesting facts, QR Code for E-resources and use of ICT and suggested micro projects activities in each unit.

3. Content presented in book in chronological way.

4. Figures, tables and equations are given to improve clarity of the topics.

5. Solved examples are given with systematic steps.

6. MCQ’s, short and long answer questions and unsolved problems of understanding and above levels (Bloom’s Taxonomy) are given for learning reinforcement of students and as per OBE.

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- Current Electricity
- Electromagnetism
- Semiconductor physics
- Modern physics
- Index

Author

Hussain Jeevakhan

Hussain Jeevakhan-789391505578(DIP126EN) “Applied Physics-ll” is a basic science course in the first year of the Diploma program in Engineering & Technology. Contents of this book are stringently aligned as per model curriculum of AICTE and incorporated with the concepts of outcomes-based education(OBE). Book covers seven topics- Wave

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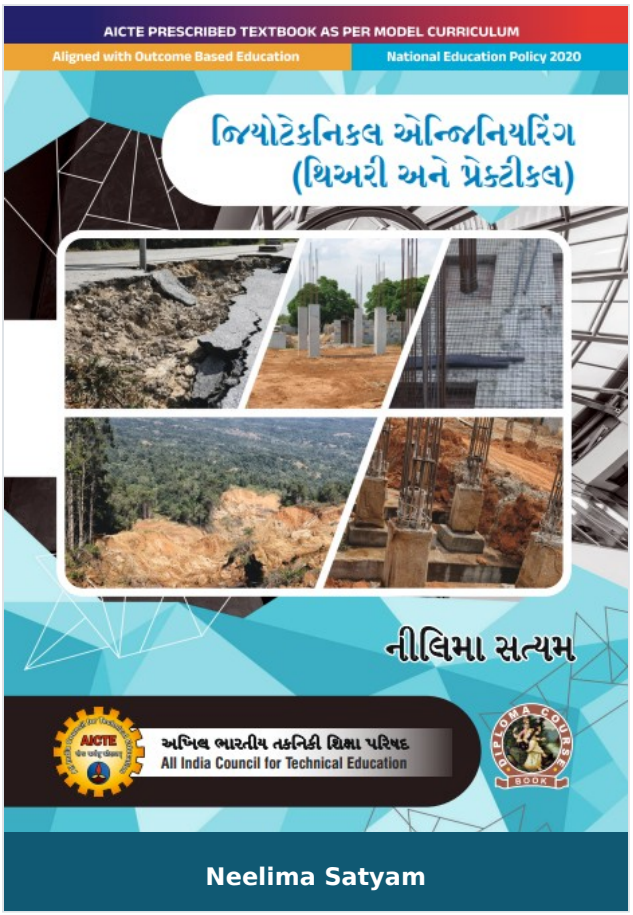
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motion, Optics, Electrostatics, Current electricity, Electromagnetism, semiconductor physics and Modern physics. Each topic and its subtopics are written from the perspective of a student’s learning and in accord with the NEP 2020 guidelines. Every unit comprises a set of activities and exercise at the end to assist the student’s learning. Some salient features of the book: l Unit Outcomes of each unit are mapped with Course Outcomes and Programs Outcomes. l Book Provides relevant interesting facts, QR Code for E-resources and use of ICT and suggested micro projects activities in each unit. l Content presented in book in chronological way. l Figures, tables and equations are given to improve clarity of the topics. l Solved examples are given with systematic steps. l MCQ’s, short and long answer questions and unsolved problems of understanding and above levels (Bloom’s Taxonomy) are given for learning reinforcement of students and as per OBE.

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Geotechnical Engineering (Theory & Practicals)

Author :	Neelima Satyam
ISBN 13 :	978-93-55389-31-2
ISBN 10 :	93-55389-31-0
E-ISBN 13 :	978-93-55389-31-2
Edition :	First
Pages :	256
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 398.00
Categories :	AICTE Prescribed Textbooks, Gujarati Books, Bookstore
Condition Type :	New
Country Origin :	India

Product Description

Geotechnical Engineering (Theory & Practicals)

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Author

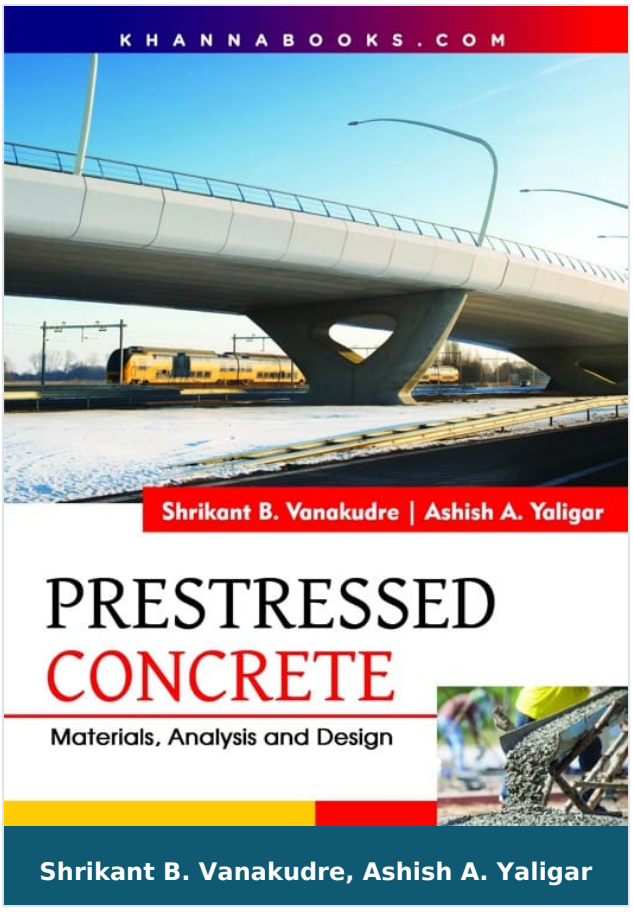
Neelima Satyam

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Prestressed Concrete

Author :	Shrikant B. Vanakudre, Ashish A. Yaligar
ISBN 13 :	978-93-86173-31-7
ISBN 10 :	93-86173-31-X
E-ISBN 13 :	978-93-86173-31-7
Edition :	First
Pages :	420
Type of book :	Physical
Year :	2023
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 399.00
Categories :	Civil Engineering, Civil Engineering, Bookstore
Condition Type :	New
Country Origin :	India

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

Prestressed Concrete provides a comprehensive coverage of the theoretical and practical aspects of the subject and includes the latest developments in the field of prestressed concrete construction. It incorporates the latest Indian Standard specifications and codes regulating prestressed concrete construction.

The book introduces the properties of the materials and Prestressing systems used in the PSC construction. Topics discussed on analysis of PSC sections for flexure, deflection, shear and torsion. In addition to this, analysis and design of various prestress concrete elements such as continuous beams, composite sections, one way slabs, two way slabs, flat slabs, grid floors, compression members, tension members, pipes, piles and tanks are discussed. Analysis and design of various PSC structures such as bridges, sleepers, pavements and poles are also covered.

Construction techniques are well illustrated through numerous figures and a number of illustrative examples. Objective questions illustrated are quite useful for those appearing for competitive examinations. The content of this book serve the needs of both students and professionals.

Salient Features:

Ø Presents a blend of theoretical and practical aspects.

Ø Incorporates the provisions of the latest code, IS: 1343, in prestressed concrete.

Ø Supports theory with illustrations and photographs.

Ø Reinforces theoretical concepts by providing solved examples, review questions, exercise problems and objective questions.

Ø Pedagogy:

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- Poles, Pavements & Sleepers
- Design of Pre-stressed Concrete Bridges
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Author

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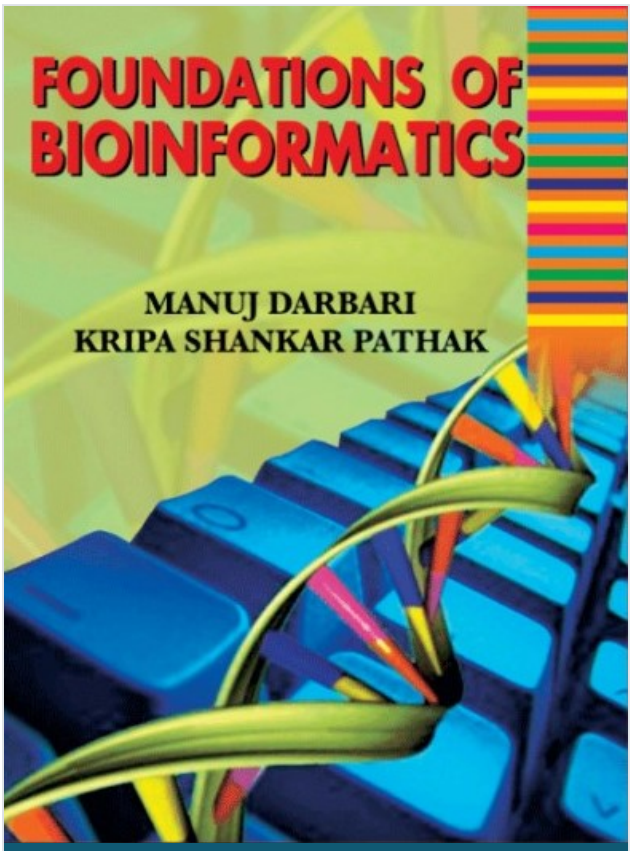
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published 3 research papers in journals & 3 research papers in International Conferences.His areas of Interest are Concrete Technology, Analysis and Design of Structures etc.

Ashish A. Yaligar

Ashish A. Yaligar Ashish A.Yaligar is presently pursuing Ph.D (Full Time) in Department of Civil Engineering under the guidance of Dr.



Manuj Darbari

Foundations of Bioinformatics

Author :	Manuj Darbari
ISBN 13 :	978-81-87325-36-9
ISBN 10 :	81-87325-36-4
E-ISBN 13 :	978-81-87325-36-9
Edition :	1
Pages :	145
Type of book :	Physical
Year :	2013
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 105.00
Categories :	Computer Science Engineering, Bookstore
Condition Type :	New
Country Origin :	India

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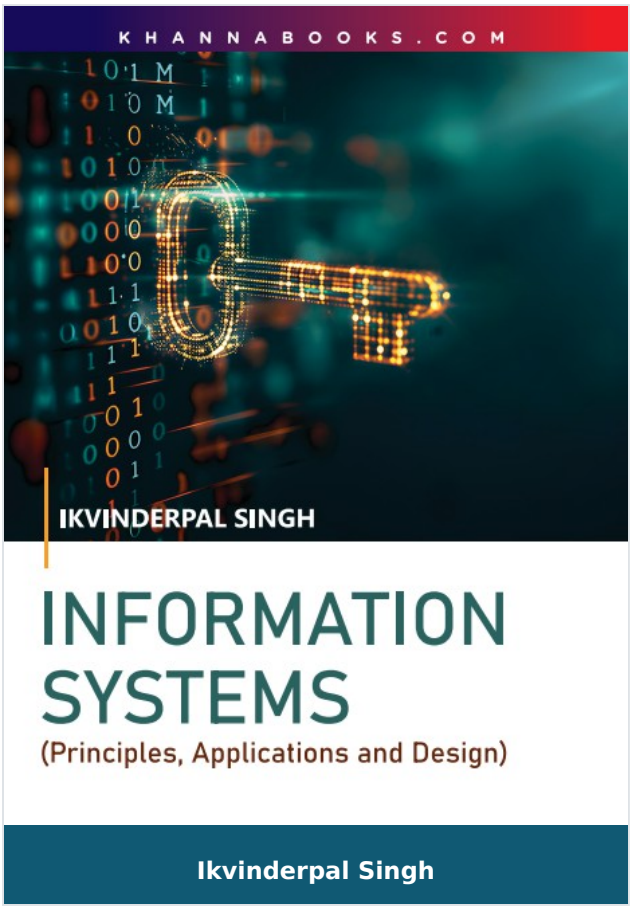
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Information Systems

Author :	Ikvinderpal Singh
ISBN 13 :	978-93-82609-33-9
ISBN 10 :	93-82609-33-4
E-ISBN 13 :	978-93-82609-33-9
Edition :	1
Pages :	416
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 650.00
Categories :	Computer Science Engineering, Bookstore
Condition Type :	New
Country Origin :	India

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This book discusses all the major areas in information systems with contemporary issues and their effects on business and organization. The main focus in on practical orientation and application of information systems and the emphasis in on real business scenarios. Each chapter provides spotlights on organization, technology or management related to the topics discussed. The book provides a board treatment of the core topics of information systems. Transaction processing systems, Knowledge management systems, Office automation systems, Management Information Systems, (MIS), Decision support systems, Accounting information systems, Inventory control systems, Marketing systems, and also the ethical and social issues involved in information systems.

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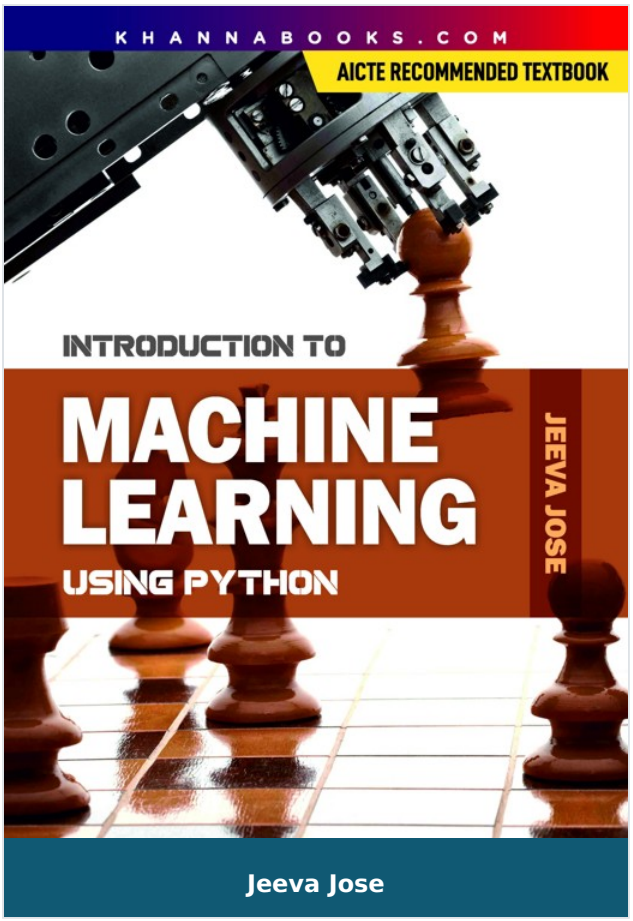
Ikvinderpal Singh

Dr. Ikvinderpal Singh is an Assistant Professor at Trai Shatabdi Guru Gobind Singh Khalsa college Amritsar, bringing 17+ years of academic leadership and research experience to the field of computer science. A Gold Medalist in B.Sc. IT, with an MCA (Distinction) and a Ph.D. in Neural Networks and Image Processing, he is known for blending rigorous research with practical innovation. A prolific academic creator, he has authored 37 books, published 82+ research papers, and designed 100+ industry-aligned skill-development courses. His expertise extends to doctoral evaluation, supervision, and active participation on 100+ editorial and review boards worldwide.

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Introduction to Machine Learning

Author :	Jeeva Jose
ISBN 13 :	978-93-89139-06-8
ISBN 10 :	93-89139-06-6
E-ISBN 13 :	978-93-89139-06-8
Edition :	First
Pages :	200
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 248.00
Categories :	Computer Science Engineering, Emerging Technologies, Bookstore
Condition Type :	New
Country Origin :	India

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Author

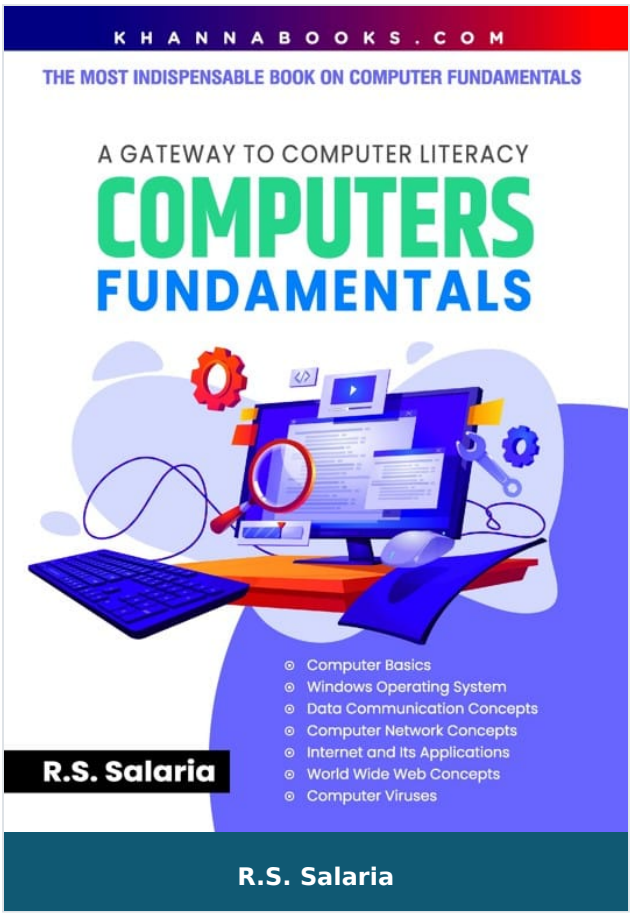
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Computers Fundamentals

Author :	R.S. Salaria
ISBN 13 :	978-93-81068-53-3
ISBN 10 :	93-81068-53-4
E-ISBN 13 :	978-93-81068-53-3
Edition :	1
Pages :	486
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 450.00
Categories :	Computer Science Engineering, Bookstore
Condition Type :	New
Country Origin :	India

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Product Description

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- Data Communications
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- Internet
- World Wide Web (WWW)
- Computer Viruses

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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

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