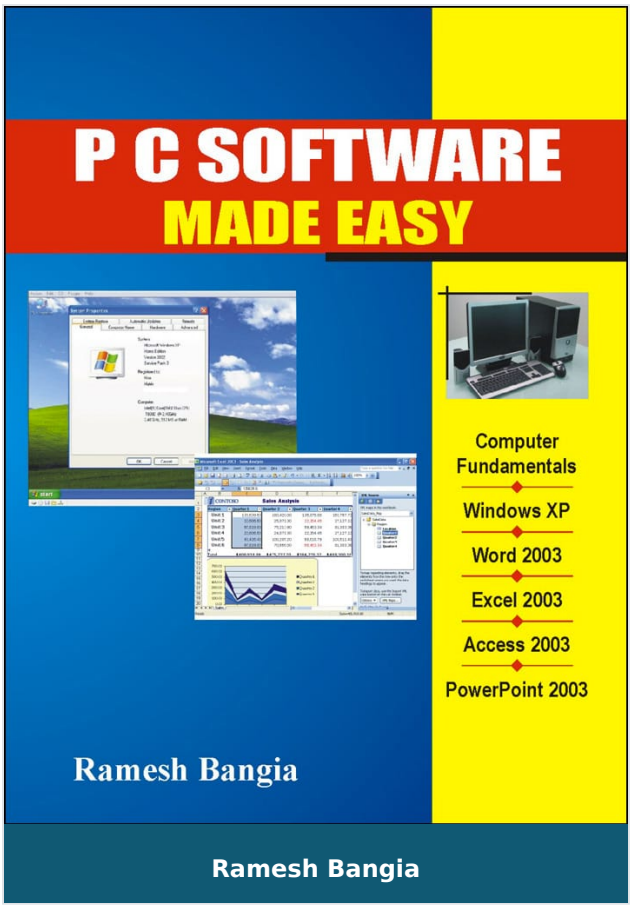


PC Software Made Easy

Author :	Ramesh Bangia
ISBN 13 :	978-81-87325-64-2
ISBN 10 :	818732564X
E-ISBN 13 :	978-81-87325-64-2
Edition :	1
Pages :	405
Type of book :	Physical
Year :	2014
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 275.00
Categories :	Book Store, BASIC COMPUTER BOOKS
Condition Type :	New
Country Origin :	India

Product Description

Learning of a software is both easy and difficult. It depends upon what level you planning to learn. If you are learning only for the working use, then it is very easy. But, when you try to go deep into it, then you realise how difficult it is to master it. This has been written to keep in mind both the aspects, Beginner's as well as professionals would find something worth reading in this: There are basically 9 chapters. each chapter ends with a revision with what has been told in the section and it follows up with the questions related to it. The questions are also divided into 3 categories to test the knowledge of the readers.

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

- Fundamentals of Computers
- Input Output Devices
- Windows XP
- Word 2003
- Excel 2003
- Access 2003
- PowerPoint 2003
- Microsoft Frontpage 2003
- Internet and E-mail
- Revision and Questions

Author

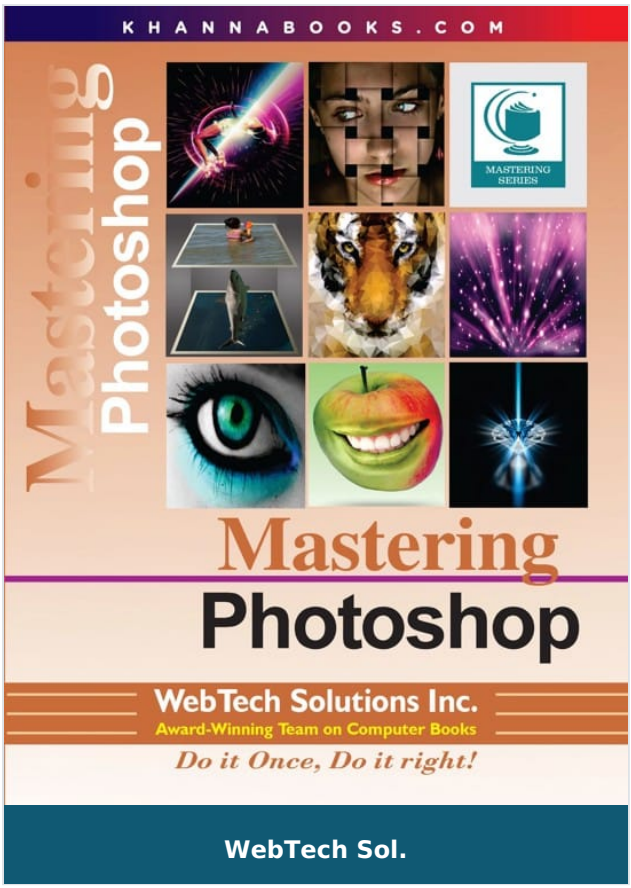
Ramesh Bangia

Ramesh Bangia, has been writing computer books on various topics. He has written books for Schools. Training Institutes, Technical Universities, Distance Education Programs, Colleges and General. His tally of books exceeds 500 in number. Trained both in India and Abroad and having studied at IIT Delhi, he becomes automatic choice for most of the publishers in India. Though based in Delhi, his books are popular all over India and are even exported to Middle Ease and African countries.

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



Mastering Photoshop

Author :	WebTech Sol.
ISBN 13 :	978-93-82609-62-9
ISBN 10 :	9382609628
E-ISBN 13 :	978-93-82609-62-9
Edition :	First
Pages :	408
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 398.00
Categories :	Book Store, Mastering Series, ADVANCE COMPUTER BOOKS
Condition Type :	New
Country Origin :	India

Product Description

BY way of this book, mastering Photoshop 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.

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

- Foundation of Photoshop
- Menu Commands of Photoshop
- Colour Options of Photoshop
- Setting up of Photoshop
- Making Selection in Photoshop
- Layering Your Image in Photoshop
- Working with Type in Photoshop
- Drawing Paths in Photoshop
- Creating and Applying Colours in Photoshop
- History Tools in Photoshop
- Using Channels and Quick Mask
- Sizing and Transforming Images
- Capturing Images
- Colour Management and Printing
- Adjusting Tonality and Colours
- Modifying and Mapping Colours
- Duotones and Spot Colours
- Photo Retouching
- Filters of Photoshop
- Making Difficult Selections
- Making Difficult Selections
- Automating the Process
- Overlay Techniques

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

- Web Design and Photoshop
- Photoshop and Digital Video
- File Formats
- 3D Tools and Applications
- Blending Modes
- Keyboard Shortcuts of Photoshop

Author

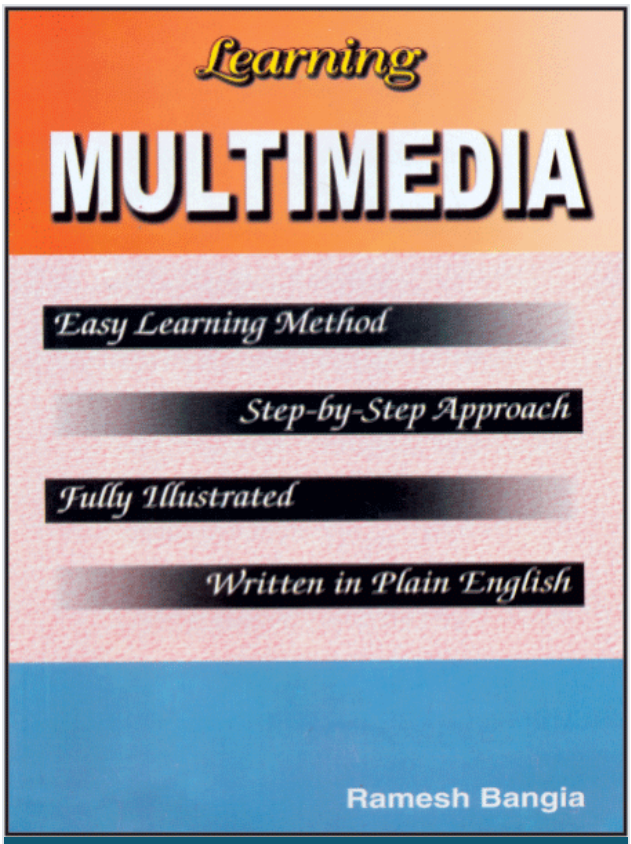
WebTech Sol.

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.

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



Ramesh Bangia

Learning Multimedia

Author :	Ramesh Bangia
ISBN 13 :	978-81-87522-10-2
ISBN 10 :	8187522100
E-ISBN 13 :	978-81-87522-10-2
Edition :	1
Pages :	256
Type of book :	Physical
Year :	2014
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 225.00
Categories :	Computer Books - English, Book Store, Learning Series
Condition Type :	New
Country Origin :	India

Product Description

Learning Multimedia

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 Multimedia
- Production Platforms
- Basic Software
- Authoring Tools
- Working with Text
- Making Sound
- Understanding Animation
- Understanding Videos
- Linking Objects
- Working with Images
- Designing for the Web
- Finalizing the projects
- Questions.

Author

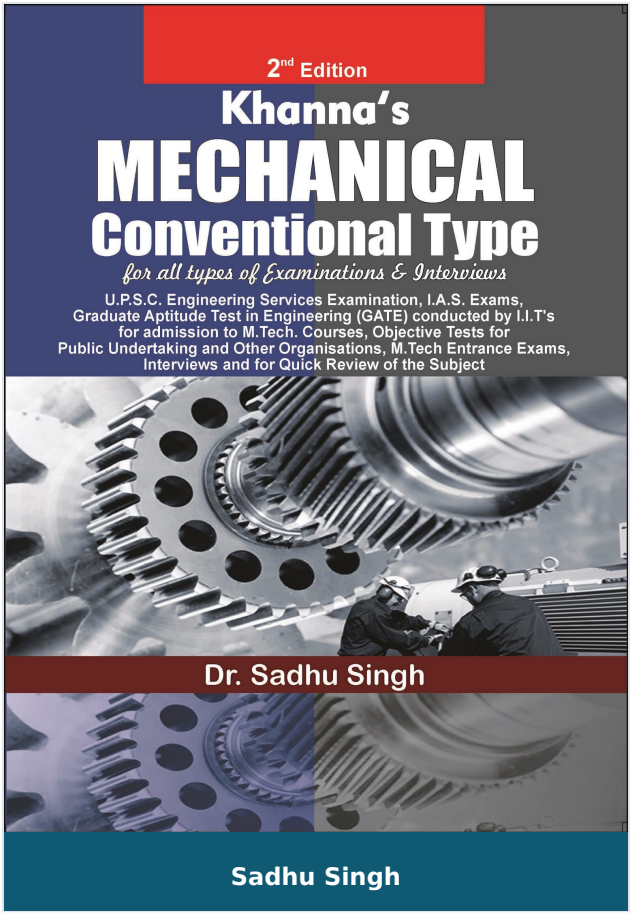
Ramesh Bangia

Ramesh Bangia, has been writing computer books on various topics. He has written books for Schools. Training Institutes, Technical Universities, Distance Education Programs, Colleges and General. His tally of books exceeds 500 in number. Trained both in India and Abroad and having studied at IIT Delhi, he becomes automatic choice for most of the publishers in India. Though based in Delhi, his books are popular all over India and are even exported to Middle Ease and African countries.

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's Mechanical Conventional Type

Author :	Sadhu Singh
ISBN 13 :	978-93-82609-61-2
ISBN 10 :	938260961X
E-ISBN 13 :	978-93-82609-61-2
Edition :	Second
Pages :	1094
Type of book :	Physical
Year :	2015
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 625.00
Categories :	Mechanical Engineering, 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

Khanna's Mechanical Conventional Type for all types of Examinations & Interviews U.P.S.C. Engineering Services Examination, I.A.S. Exams, Graduate Aptitude test in engineering (GATE) conducted by I.I.T's for admission to M. Tech. courses, objective tests for public undertaking and other organizations, M. Tech entrance exams, Interviews and for quick review of the subject.

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

- Mechanical Engineering Paper I - 1992
- Mechanical Engineering Paper I - 1993
- Mechanical Engineering Paper I - 1994
- Mechanical Engineering Paper I - 1995
- Mechanical Engineering Paper I - 1996
- Mechanical Engineering Paper I - 1997
- Mechanical Engineering Paper I - 1998
- Mechanical Engineering Paper I - 1999
- Mechanical Engineering Paper I - 2000
- Mechanical Engineering Paper I - 2001
- Mechanical Engineering Paper I - 2002
- Mechanical Engineering Paper I - 2003
- Mechanical Engineering Paper I - 2004
- Mechanical Engineering Paper I - 2005
- Mechanical Engineering Paper I - 2006
- Mechanical Engineering Paper I - 2007
- Mechanical Engineering Paper I - 2008
- Mechanical Engineering Paper I - 2009
- Mechanical Engineering Paper I - 2010
- Mechanical Engineering Paper I - 2011
- Mechanical Engineering Paper I - 2012
- Mechanical Engineering Paper II - 1992
- Mechanical Engineering Paper II- 1993

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

- Mechanical Engineering Paper II - 1994
- Mechanical Engineering Paper II - 1995
- Mechanical Engineering Paper II - 1996
- Mechanical Engineering Paper II - 1997
- Mechanical Engineering Paper II- 1998
- Mechanical Engineering Paper II - 1999
- Mechanical Engineering Paper II - 2000
- Mechanical Engineering Paper II - 2001
- Mechanical Engineering Paper II - 2002
- Mechanical Engineering Paper II - 2003
- Mechanical Engineering Paper II - 2004
- Mechanical Engineering Paper II - 2005
- Mechanical Engineering Paper II - 2006
- Mechanical Engineering Paper II - 2007
- Mechanical Engineering Paper II - 2008
- Mechanical Engineering Paper II - 2009
- Mechanical Engineering Paper II - 2010
- Mechanical Engineering Paper II - 2011
- Mechanical Engineering Paper II - 2012
- Mechanical Engineering Paper I - 2013
- Mechanical Engineering Paper II - 2013
- Mechanical Engineering Paper I - 2014
- Mechanical Engineering Paper II - 2014

Author

Sadhu Singh

Khanna Publishing House

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

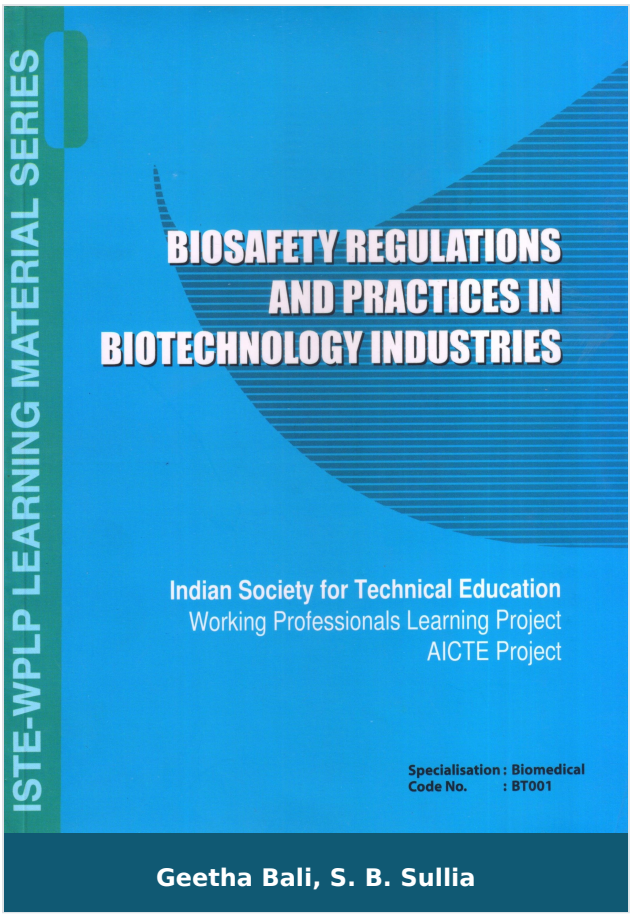
Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

Dr. Sadhu Singh is a retired professor of Mechanical Engineering of Govind Ballabh Pant university of Agriculture & Technology, Pantnagar. He graduated in Mechanical Engineering with Hons, from Punjab University, Chandigarh, M.Sc. (Mechanical Design & Production Engineering) and Ph.D. from Kurukshetra University, Kurukshetra. His teaching experience spans 15 years at Regional Engineering College (now NIT), Kurukshetra and 19 years at Pantnagar University. He has been Professor & Head, Mechanical Engineering Departmentand Dean, Faculty of Engineering & Technology at Pantnagar. He has been Director (Colleges). Punjab Technical University, Jalandhar.

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



Biosafety Regulations And Practices In Biotechnology Industries

Author :	Geetha Bali, S. B. Sullia
ISBN 13 :	978-93-55383-58-7
ISBN 10 :	9355383584
E-ISBN 13 :	978-93-55383-58-7
Edition :	1
Pages :	280
Type of book :	Physical
Year :	2006
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 386.00
Categories :	Book Store, ISTE Series, BIOMEDICAL & BIOTECHNOLOGY
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

Biotechnology is defined as 'The application of biological methods or processes, to produce products useful to mankind'. It often involves making molecular changes in living things for their better utilization. Plant breeders and fermentation experts have for centuries laboured to improve the crops and microorganisms such as yeasts and bacteria, that produce food and medicine. Plant Breeding and Fermentation Technology, in fact, long preceded the scientific knowledge of Genetics. Modern Biotechnology or Genetic Engineering is the technology that makes possible the transfer of genes (DNA) from one organism to another, thus allowing the recipient organism to express traits or characteristics normally associated only with the donor. The new characteristics that the recipients gain, will never easily come to them through natural processes of gene transfer that occur in nature. Thus the scope for Genetic Engineering is far greater than the conventional techniques employed prior to our understanding of DNA.

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

- Geetha Bali
- Geetha Bali
- S. B. Sullia
- S. B. Sullia

Author

Geetha Bali

FOREWORD PREFACE Chapter 1: An Overview of Recombinant DNA Technology (Part I: DNA Isolation and Ligation to Vectors) Chapter 2: An Overview of Recombinant DNA Technology (Part II: Transformation Techniques) Chapter 3: Analytical Techniques Used in Biotechnology and Biosafety Considerations Chapter 4: Biosafety practices for Laboratories Dealing with living GMOs OR NON-GM Natural Pathogens Chapter 5: Safety in the use of Hazardous Chemicals in Laboratories Chapter 6: Radioactive Waste Disposal Chapter 7: Genetically Modified Organisms (GMOs): Potential Hazards to Health and Environment Chapter 8: Environmental Risk Assessment Practices For GMOs Chapter 9: Environmental Risk Assessment Practices and Plan for Construction of Greenhouse for GM Plants Chapter 10: Biosafety Regulations Concerning the Movement of GMOs at the International Level Chapter 11: Biosafety Regulations in India for Handling and Release of GMOs and GM Seeds Chapter 12: The Drugs and Cosmetics Rules (1988) and the Drug Policy (2002) Chapter 13: Environment Protection ACT (EPA) and Hazard Analysis and Critical Control Points (HACCP) Chapter 14: Intellectual Property Right (IPR) Issues in Biotechnology Chapter 15: Bioethics: Ethical Issues in Biotechnology Review Questions References

S. B. Sullia

Khanna Publishing House

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

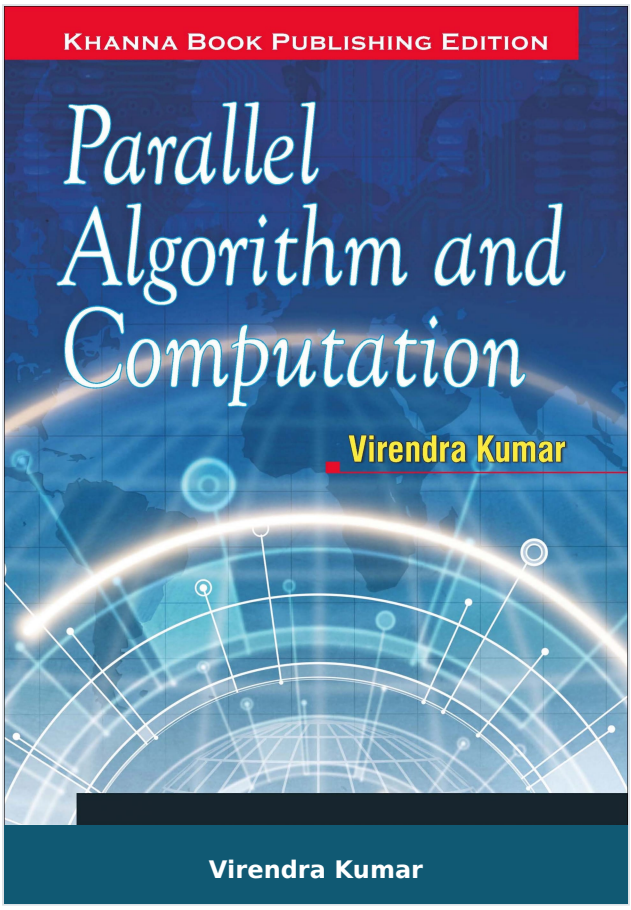
Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

FOREWORD PREFACE Chapter 1: An Overview of Recombinant DNA Technology (Part I: DNA Isolation and Ligation to Vectors) Chapter 2: An Overview of Recombinant DNA Technology (Part II: Transformation Techniques) Chapter 3: Analytical Techniques Used in Biotechnology and Biosafety Considerations Chapter 4: Biosafety practices for Laboratories Dealing with living GMOs OR NON-GM Natural Pathogens Chapter 5: Safety in the use of Hazardous Chemicals in Laboratories Chapter 6: Radioactive Waste Disposal Chapter 7: Genetically Modified Organisms (GMOs): Potential Hazards to Health and Environment Chapter 8: Environmental Risk Assessment Practices For GMOs Chapter 9: Environmental Risk Assessment Practices and Plan for Construction of Greenhouse for GM Plants Chapter 10: Biosafety Regulations Concerning the Movement of GMOs at the International Level Chapter 11: Biosafety Regulations in India for Handling and Release of GMOs and GM Seeds Chapter 12: The Drugs and Cosmetics Rules (1988) and the Drug Policy (2002) Chapter 13: Environment Protection ACT (EPA) and Hazard Analysis and Critical Control Points (HACCP) Chapter 14: Intellectual Property Right (IPR) Issues in Biotechnology Chapter 15: Bioethics: Ethical Issues in Biotechnology Review Questions References

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



Parallel Algorithm and Computation

Author :	Virendra Kumar
ISBN 13 :	978-93-81068-86-1
ISBN 10 :	9381068860
E-ISBN 13 :	978-93-81068-86-1
Edition :	1
Pages :	348
Type of book :	Physical
Year :	2013
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 275.00
Categories :	Computer Science 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 comprises all the aspects like principle and techniques for parallel algorithm, Parallel processing system, for B. Tech/MCA/M. Tech. Students of computer science and engineering/information technology. This book consist the syllabus of all Indian Universities, It also provides the basic concepts of parallel algorithm and computations.

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 Of Parallel Computation
- Parallel Computation Models & Interconnection Network
- Performance Measures Of Parallel Algorithms
- Parallel Sorting Networks
- Parallel Algorithm Designing
- Parallel Matrix Algorithm
- Linear Equation
- Graph Algorithm
- Combinatorial Search
- Parallel Programming Languages
- Appendix (a) polynomial
- Appendix (b): Open MP
- Appendix (c) : Message Passing Interface
- Model Test Paper 1-7
- Bibliography
- Index

Author

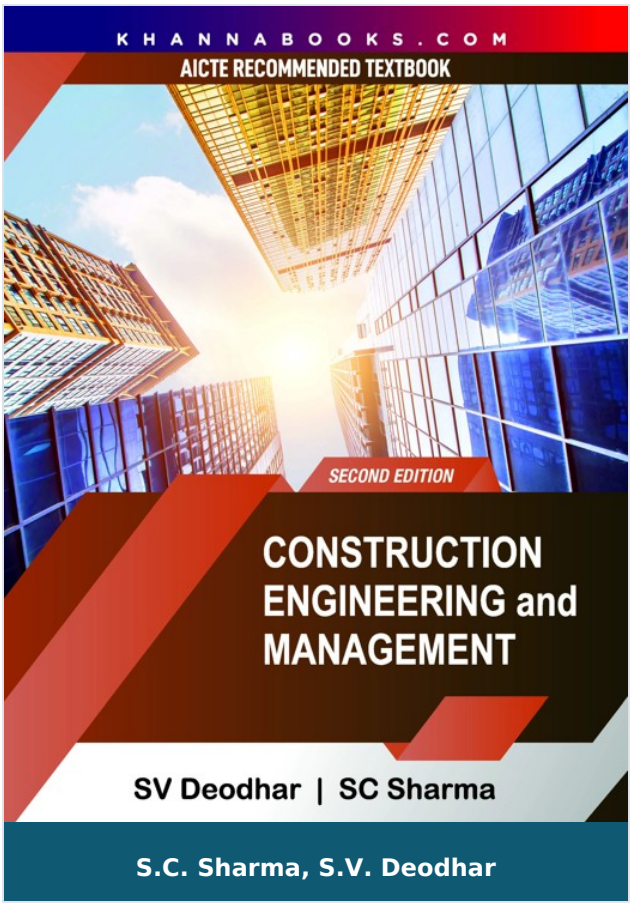
Virendra Kumar

Virendra Kumar Assistant Professor in CSE Department IILM Academi of Higher Learning, Greater Noida (U.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



Construction Engineering and Management

Author :	S.C. Sharma, S.V. Deodhar
ISBN 13 :	978-93-91505-35-6
ISBN 10 :	939150535X
E-ISBN 13 :	978-93-91505-35-6
Edition :	Second
Pages :	472
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 458.00
Categories :	UNIVERSITY RECOMMENDED, 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 cover the syllabi of Contraction Engineering for Degree as well as Diploma students and is also useful for practicing engineers.

Construction covers varies forms of activities ranging from houses to high rise buildings, industrial structures, road construction, expressways, bridge, dams barrages, runways, ports, canals, railways etc. These high value projects involve management of materials, equipment human and financial resources, information system, control management etc.

In today's modern technology projects, there is need for detailed planning and management techniques, and with the growing use of machinery, it has become necessary for construction engineers to be thoroughly familiar with the working application and upkeep of the wide range of the modern equipment.

Understanding the basic needs of academia and industry requirements, this book is divided in to 16 chapters namely.

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

- Contents
- Management,
- Construction, Its Management and Operation,
- River Training Work for Construction Management,
- Work Study,
- Contracts and Tender,
- Project Management Technique (CPM/PERT),
- Quality Control and Inventory,
- Forms for Concrete Structure,
- Prefabricated Structures,
- Management of Demolition Works,
- Construction Equipment Basics,
- Earth Moving Equipment,
- Hauling (Transportation) Equipment,
- Concreting Equipment,
- Pumping and Dewatering Equipment,
- Hoisting Equipment (Lifting and Elevating Equipments, and Cranes.

Author

S.C. Sharma

S.C. Sharma after graduation in 1966 joined as lecturer in Mechanical Engineering. He had been associated for more than 4 decades in various fields including learning and management of projects in India and abroad in different capacities. While working Hydro power projects for more than 15 years he has actively associated with various

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

environmental and rehabilitation & resettlement issues and successfully resolved various complicated issues. He has also worked as consultant for matters related to safety, environment and R & R. He has written about a dozen books on subjects related to engineering and management including management of projects.

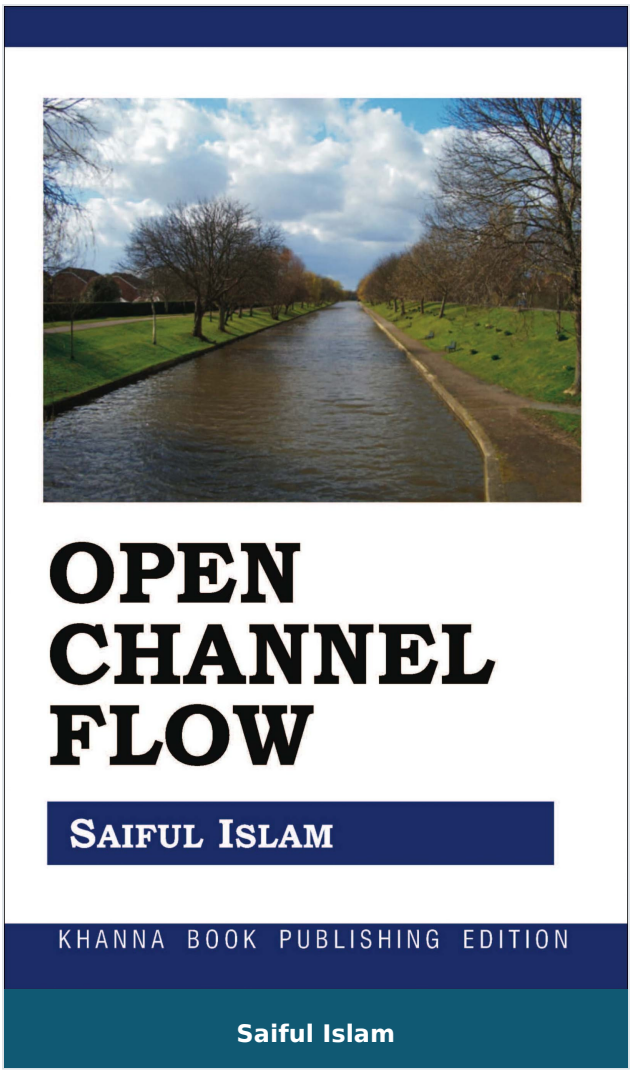
S.V. Deodhar

S.V. Deodhar

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



Open Channel Flow

Author :	Saiful Islam
ISBN 13 :	978-93-81068-99-1
ISBN 10 :	9381068992
E-ISBN 13 :	978-93-81068-99-1
Edition :	1
Pages :	460
Type of book :	Physical
Year :	2013
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 265.00
Categories :	Civil 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 a elective paper for civil engineering student. This book is primarily designed as an introductory text book for the students pursuing B. Tech degree in Civil Engineering. Each chapter contains a set of exercise at the end of each unit to test the student's comprehension.

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

- Basic Principles of Open Channel Flow
- Uniform Flow
- Gradually Varied Flow
- Rapidly Varied Flow (RVF)
- Flow Measurement in Open Channel Flow
- Spatially Varied Flow
- Flow in Channel of Non-Linear Alignment and Non-Prismatic Channel
- Objective Type Questions : Previous Year Question Papers
- Glossary

Author

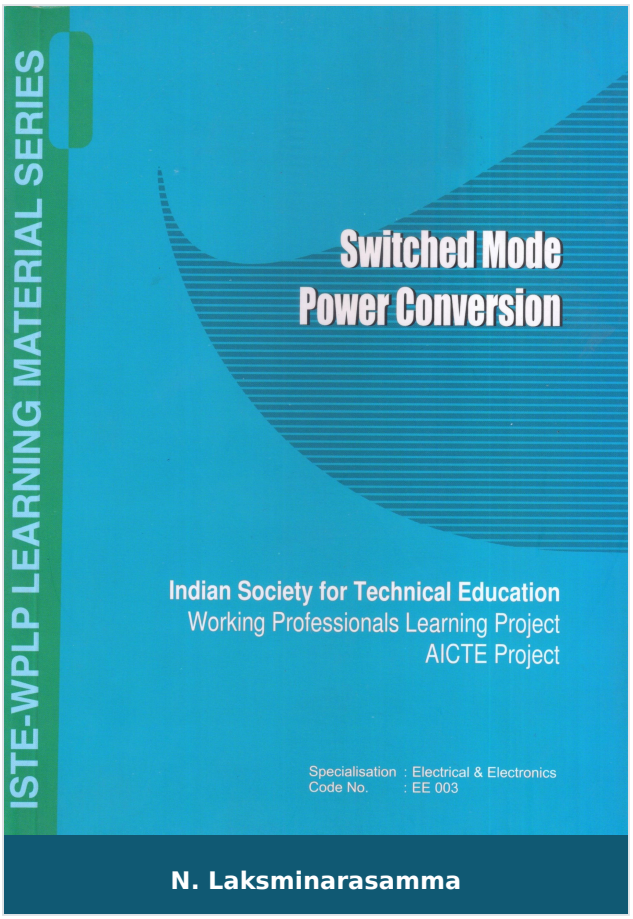
Saiful Islam

Saiful Islam is presently working as a Assistant Professor in the Department of Civil Engineering, RGEC, Meerut, U.P. He did his B.Tech degree from Zakir Hussain College of Engineering, A.M.U, Aligarh. He has completed his M.Tech degree from Indian Institute of Technology, Roorkee. He is the life member of Indian Society of Technical Education, International Association of Engineers and International Association of Protective Structures. He has published two papers in International journal. He has attended several conferences/ Workshops.

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



Switched Mode Power Conversion

Author :	N. Laksminarasamma
ISBN 13 :	978-93-55385-82-6
E-ISBN 13 :	978-93-55385-82-6
Edition :	1
Pages :	84
Type of book :	Physical
Year :	2011
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 129.00
Categories :	Electrical, Electronics & Communication Engineering, Book Store, ISTE Series
Condition Type :	New
Country Origin :	India

Product Description

The switched mode power conversion course is a design and application oriented subject with vast employment and career potential. Presently, the subject invariably has no laboratory component at all. When present, the laboratory session is a euphemism for a dry PC based entry and print out sessions linked to some branded circuit simulation software. However, the students rarely learn the skills of assembling circuits, testing & debugging the same and designing application circuits.

This learning module is intended to serve as a bridge course for fresh engineers who take up power engineering as their career. This will aid in filling the gap between the academics and the industry requirement. The material is designed to be schedules for five days. The study material gives an overview of switched mode power conversion with a design example organized in five Chapters as follows.

The concepts of power processing, a simple power processing system such as a power converter, elements available at the disposal of a power engineer in the design of efficient power converters are discussed in chapter 1. The study state analyses of the basic converter topologies are explained. The basic design of a power converter is explained in Chapter 2 by a spread sheet procedure. Simulation of the designed topology using circuit simulation software SEQUEL (Solver for Equation with User defined Elements) is discussed. The theoretical estimation of the efficiency of the designed power converter is discussed in Chapter 3. The effects of increase in the switching frequency on the losses incurred in the power converter are discussed with a design example.

The state of the art in the power converters are discussed in Chapter 4. The demand is forever moving towards high power densities for which higher switching frequencies becomes inevitable. The problems associated with higher switching frequency are discussed. The technology which provides a solution for high power density power converters such as soft switching are discussed. The concepts of soft switching with an

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

example is explained. Chapter 5 gives an Introduction to construction projects of scaled down power level. These may be used as training kits along with this learning module to get an overview of switching converters.

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
- Overview of Power Processing System
- Design of DC DC Converters
- Loss Analysis in DC DC Converters
- Concepts of Soft Switching in DE DE Converters
- Introduction to Construction Projects
- References

Author

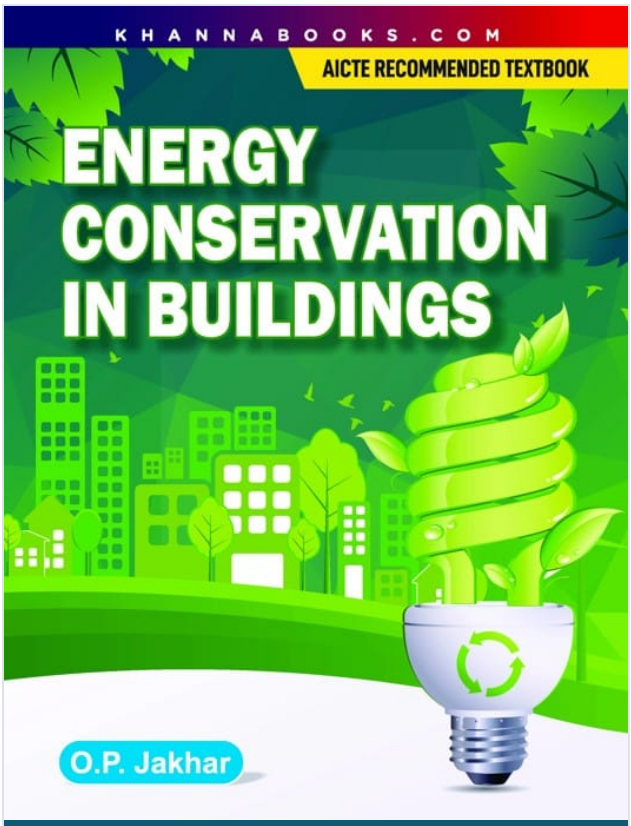
N. Laksminarasamma

Dr. N. Lakshminarasamma, Faculty, Dept. of Electrical Engineering, Indian Institute of technology, Madras, Chennai. Email: lakshmin@iitm.ac.in N. Lakshminarasamma received B.E. degree in Electrical Engineering in 1994, Master in power electronics in 1997 from Bangalore University, and Ph.D. degree from Indian Institute of Science, Bangalore, India in 2007. Currently she is faculty at Indian Institute of Technology Madras, Chennai. She has 4 years of academic experience in B.M.S. college of Engineering, Bangalore and Nitte Institute of Technology, Bangalore in the Dept. of Electrical Engineering; she has worked as a software engineer with 12 Technologies India Private Limited and as a Systems Engineer in GE Healthcare India Limited. She has coauthored four journal papers in peer-reviewed journals, including the IEEE Transactions on Power Electronics and several premier conferences. Her areas of interest are power electronics, switched mode power converters and resonant converters.

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



O.P. Jakhar

Energy Conservation in Buildings

Author :	O.P. Jakhar
ISBN 13 :	978-93-86173-46-1
ISBN 10 :	9386173468
E-ISBN 13 :	978-93-86173-46-1
Edition :	First
Pages :	148
Type of book :	Physical
Year :	2023
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 399.00
Categories :	Civil Engineering, UNIVERSITY RECOMMENDED, 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 has the basic motive to guide the postgraduate and research students working in the field of energy conservation. This is to cater the strong need felt by the students pursuing the course on energy Conservation in Buildings during their M. Tech. and PhD studies. I have tried to compress the subject matter from the view point of research students. The different simulation techniques, such as Power DOC-2, BSIM 2000, e-Quest, which are extensively used in the energy conservation in buildings, have been added for quick references.

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: Introduction
- Chapter-2: History of Energy Conservation in Building
- Chapter-3: Simulation Techniques of Energy Conservation in Building
- Chapter-4: Passive System of Energy Conservation in Buildings
- Chapter-5: Passive cooling Methods for Building in Hot and Dry Climate
- Chapter-6: Energy Auditing and Radiation Cooling of Building in hot and Dry Climate
- Reference

Author

O.P. Jakhar

Dr. O.P. Jakhar got commissioned as Lieutenant in NCC in 2005 and presently he is serving as Captain at 7 Raj. BN. NCC, Bikaner.

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