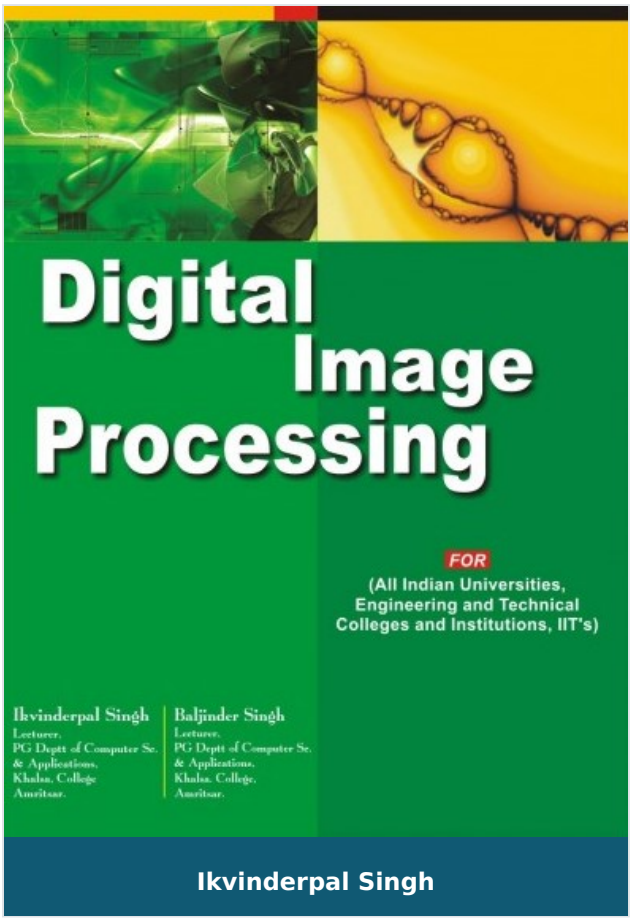


# Digital Image Processing

| | |
|---|---|
| **Author :** | Ikvinderpal Singh |
| **ISBN 13 :** | 978-93-80016-21-4 |
| **ISBN 10 :** | 9380016212 |
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| **Language :** | English |
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| **Categories :** | Computer Science Engineering, Book Store |
| **Condition Type :** | New |
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## Product Description

This book is written keeping in mind a beginner. This volume offers an exceptionally clear and thorough introduction to image processing at an elementary level. It provides the clear survey of basic fundamentals of image processing and various image processing techniques. In it, we emphasize mathematical analysis of image signal representation. hardware architecture for image processing and practical engineering problems in picture data archival, computer vision and medical imaging.

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- Background
- Fundamentals of Image Processing
- Image Signal Representation
- Image Enhancement
- Image Restoration
- Image Feature Extraction
- Image Data Compression and Statistical Pattern Recognition
- Hardware Architecture for Image Processing
- Techniques of Color Image Processing
- Applications of Image Processing


## Author

**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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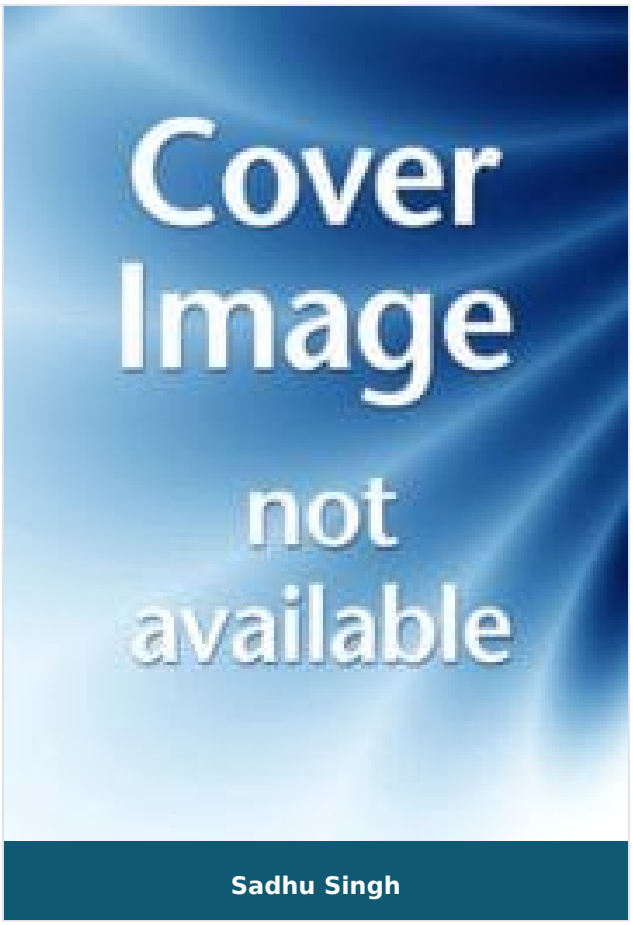


# Khanna's Conventional & Objective Type Questions & Answers in Mechanical Engineering

| | |
|---|---|
| **Author :** | Sadhu Singh |
| **ISBN 13 :** | 978-93-86173-97-3 |
| **ISBN 10 :** | 9386173972 |
| **E-ISBN 13 :** | 978-93-86173-97-3 |
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| **Year :** | 2018 |
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## Table Of Contents


- Khanna's Conventional & Objective Type Questions & Answers in Mechanical Engineering


## Author

**Sadhu Singh**

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.

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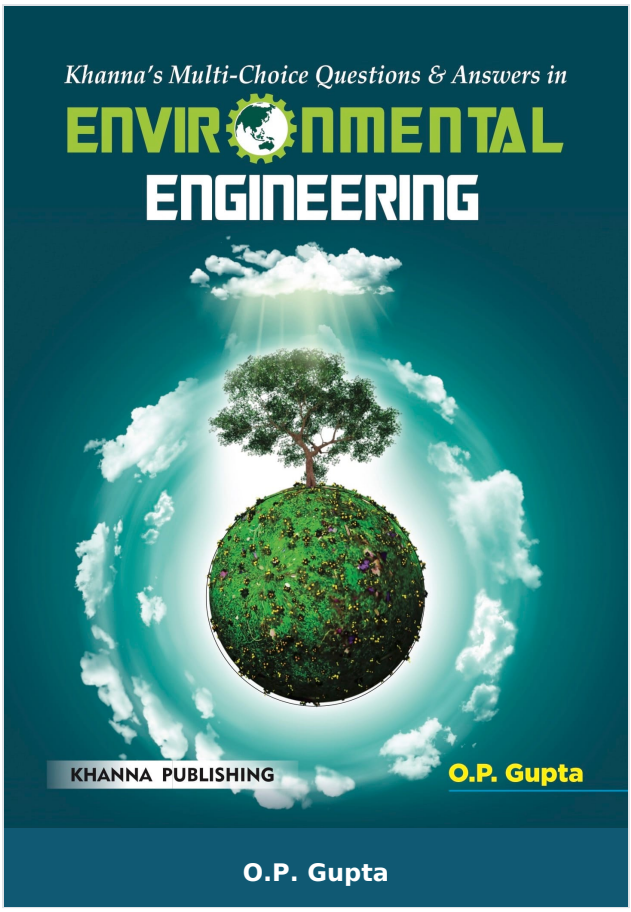


# Khanna's Multi-Choice Questions & Answers in Environmental Engineering

| | |
|---|---|
| **Author :** | O.P. Gupta |
| **ISBN 13 :** | 978-93-91505-07-3 |
| **ISBN 10 :** | 9391505074 |
| **E-ISBN 13 :** | 978-93-91505-07-3 |
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## Product Description

This book covers the various topics of environmental engineering in the form of MCQ and Short Q&A; and is useful for degree, postgraduate & diploma courses in engineering, AMIE, AMIIM & AMIICHE examination. Subject matters has been presented in simple, lucid & easy to understand language and Covers all the topics included in the syllabus of various engineering colleges/Technical Institutes & Professional bodies examination papers. Latest and updated information/data/statistics pertaining to the subject matter has been included.

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- Marine Pollution
- Noise Pollution
- Soil/Land Pollution
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- Radioactive/Nuclear Pollution
- Environmental Studies
- Ozone layer Depletion and its Health Effects
- Climate Change
- ISO-14000
- Smoking and its Health Effects
- Electrical Hazards
- Section B: Multiple Choice Questions and Answers
- multiple Choice Question and Answers on Environmental engineering
- Immediately Dangerous to life of Health (IDLH) Concentrations of Various Substances/Chemicals (as per NIOSH as on 03/01/1995)


## Author

**O.P. Gupta**

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O.P. Gupta Om Prakash Gupta is basically being a chemical engineer, he has a practising experience of efficient Ennergy management and HR functions in steel Industry for more than three decades. privileged to be the youngest writer of technical books in the country (for he had written his first book at the age of 24 years while doing M. Tech. at I.I.T kanpur in 1979), he has authored many frontline books for engineering students. besides, being the regular faculty member in technical courses for Management Trainees (Technical), he has also visited england and france on a study tour sponsored by United Nations Development Programme (UNDP) to study the scope of energy conservation in steel plants in 1987.

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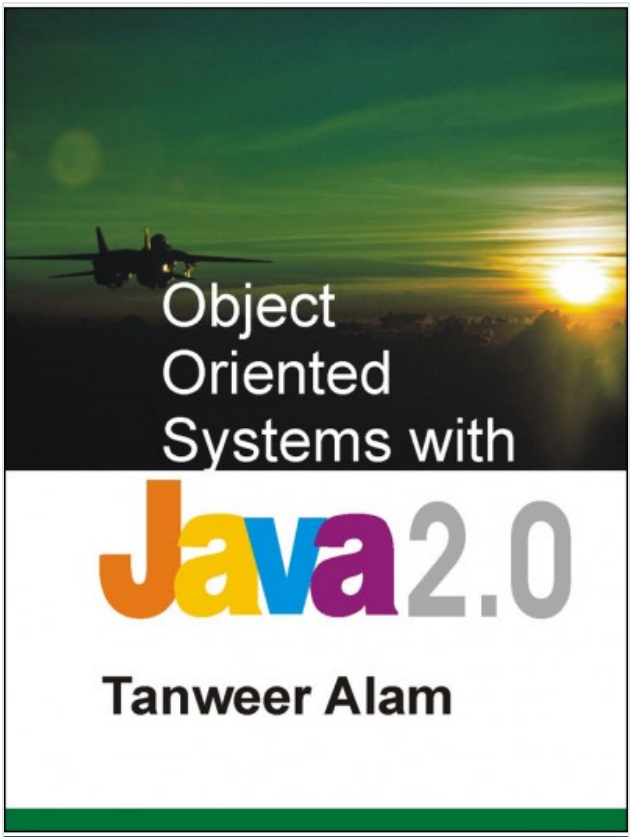


Tanweer Alam

# Object Oriented Systems with Java 2.0

| | |
|---|---|
| **Author :** | Tanweer Alam |
| **Edition :** | 1 |
| **Pages :** | 650 |
| **Type of book :** | Physical |
| **Year :** | 2018 |
| **Language :** | English |
| **Publisher :** | Khanna Publishing House |
| **M.R.P :** | Rs 345.00 |
| **Categories :** | Computer Science Engineering, Book Store |
| **Condition Type :** | New |
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## Author

**Tanweer Alam**

Tanweer Alam has an experience of more than seven years in the Teaching field. Currently, He is working at MCA Department, Meerut Institute of Engineering and Technology, Meerut. He has got his MCA Degree in 2003 from UP Technical University, Lucknow, UP. He has got his Master Degree in Mathematics in 2000 from CCS University, Meerut, UP. He has got his MPhil Degree in Computer science in 2007 from MKU, Madurai. He is also MTech in IT and currently, He is doing PhD in Computer Science & Engineering. He presents more than thirty research papers in various reputed national/international Conferences/Journal.

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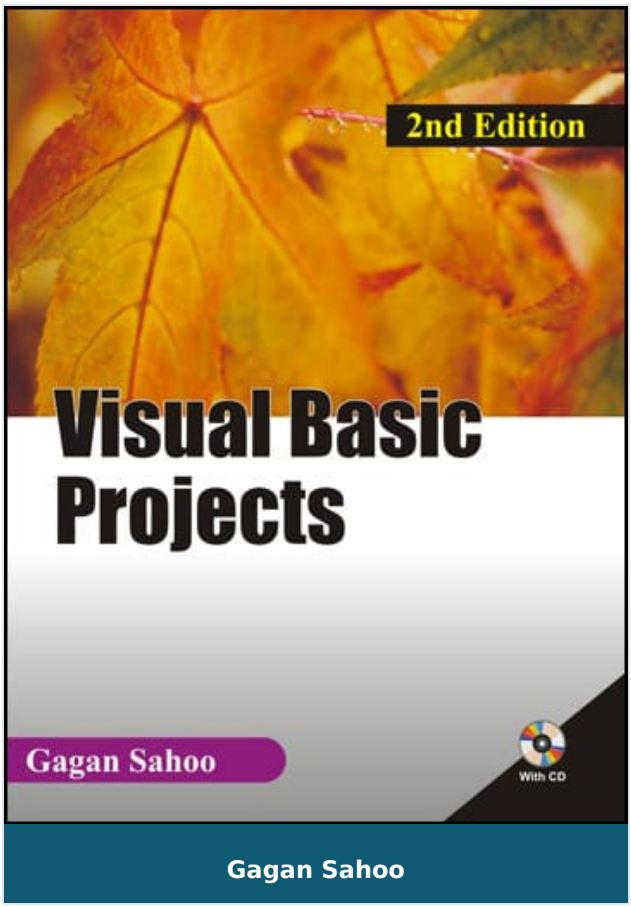


Gagan Sahoo

# Visual Basic Projects

| | |
|---|---|
| **Author :** | Gagan Sahoo |
| **ISBN 13 :** | 978-81-87325-12-3 |
| **ISBN 10 :** | 8187325127 |
| **E-ISBN 13 :** | 978-81-87325-12-3 |
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In this book projects are drawn from various fields with step by step execution. Complete coding and listing is available on CD for Lab Exams.

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- Banking System
- School Management System
- Accounts Receivable System
- Amusement Park System
- Nursing Home Automation System
- Sales Management System
- Math Test
- Chart Master
- Notepad Editor
- Screen Blanker
- Tank Fighting
- Tic Tac Toe
- Star War Game.


## Author

**Gagan Sahoo**

Gagan Sahoo This well -organized and comprehensive book offers a detailed coverage on Visual Basic Programming concept. It contains a rich collection of examples, exercises and project based concepts. This book concentrates on the principles of good software engineering and stresses program clarity. without assuming and background knowlwdge of programming, this book teaches VB language using carefully graded approach. The book covers easy-to understand steps, from simple programs to sophisticated ones that demonstrate VBs power for programming development. Using this book you can create

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different application statring from desktop application; database Handling to Internet based programming. The book contains 100's source codes in different chapters in CD. He has more that 15 Years of experience in the computer field working as a software developer, director of software development. He is a well-known author of various computer books including, VB, C++, Java. Since last 10 years, he has lots of experience in different computer project works. He has written number of project books including Foxpro, C, C++, Vb, etc. He associates Mr. Arvind Kumar working as co-author in various technical projects in .NET technology. He has been Programming in various .NET project and tested so many code on Microsoft's .NET environment. His prime development of Beginner's Guide to VB, C# 2005 (with.NET 3.0), ASP.NET, VB.NET, etc. Which was written to fullfil the need and development guide for the students and developers.

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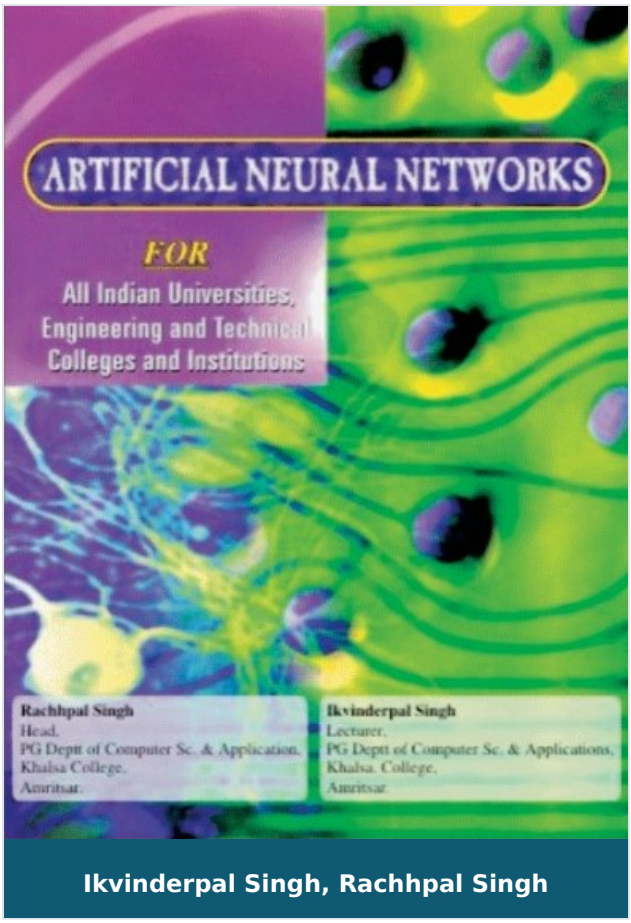


Ikvinderpal Singh, Rachhpal Singh

# Artificial Neural Networks

| | |
|---|---|
| **Author :** | Ikvinderpal Singh, Rachhpal Singh |
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## Product Description

Written with the beginner in mind, this volume offers an exceptionally clear and thorough introduction to neural network at an elementary level. It provides the clear survey of basic neural network architectures and learning rules. In it, We emphasize mathematical analysis of networks, methods for training network, and application of neural network to practical engineering problems in speech recognition, stock market prediction and pattern recognition.

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- Fundamentals of Neural Networks
- Perceptrons
- Backpropagation
- Adaline and Madaline
- Supervised and Unsupervised Learning
- Counter-propagation Network
- Adaptive Resonance Theory
- Neocognitron
- Bidirectional Associative Memory
- Case Studies


## Author


**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.

**Rachhpal Singh**

Rachhpal Singh is head of P.G. Dept. Computer Science & Applications, Khalsa College, Amritsar which is a premier institute in North India. He obtained his MCA from thapar



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Institute of Engineering and Technology, patiala. He has over fifteen years of teaching experience to teach post graduate classes. He is an international author of the world level and his other areas of interest include software engineering, parallel processing system level programming.

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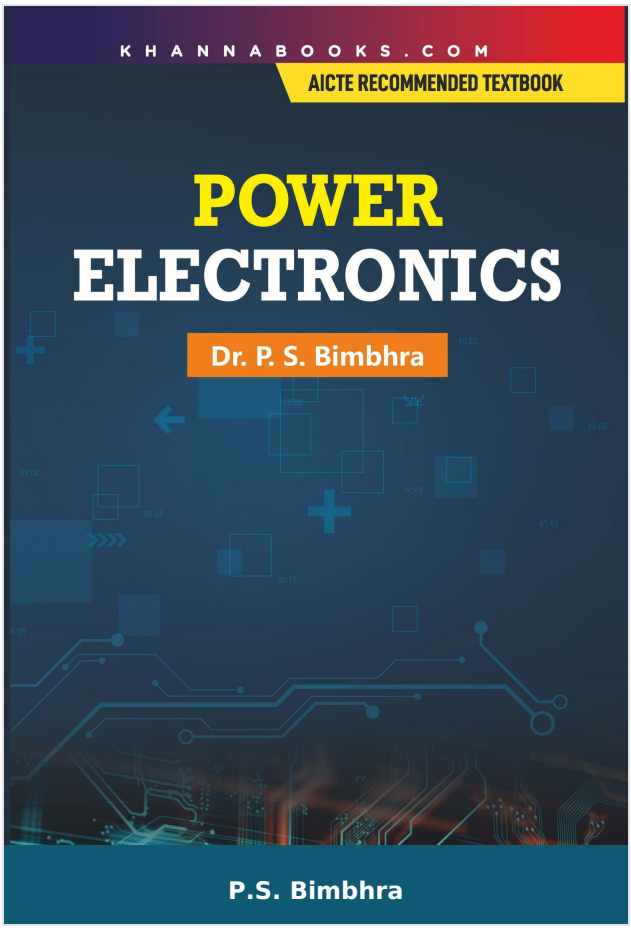


# Power Electronics

| | |
|---|---|
| **Author :** | P.S. Bimbhra |
| **ISBN 13 :** | 978-93-55381-94-1 |
| **ISBN 10 :** | 9355381948 |
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## Product Description

This book is designed to sever a textbook for the students of engineering studying a course on power Electronics. It provides a lucid and comprehensive treatment of the topics covered in the book.

A large number of illustrative figures and a wide variety of worked examples add to the clarity of subject mater. This book would be found suitable as a textbook for the students pursuing courses in the areas of the Electrical, Electronics, Instrumentation, Telecommunications and Mechatronics.

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- DC Choppers
- Inverters
- AC Voltage Controllers
- Cycloconverters
- Some Applications
- Electric Drives
- Power Factor Improvement
- Switching Mode DC-DC Converters
- Power Supplies
- Flexible AC Transmission Systems
- * Appendix A: Fourier Analysis
- * Appendix B: Laplace Transforms
- * Appendix C: Some Useful Functions
- * Appendix D: References
- * Index


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## Author

**P.S. Bimbhra**

Dr. P.S. Bimbhra retired as a professor of Electrical and Electronics Engineering from T.I.E.T. Patiala. A graduate of Punjab Engineering College, Chandigarh, he received his M.E. (Hons.) and Ph.D. from IIT Roorkee. He is fellow of the Institution of Engineers and a life member of ISTE. His areas of current interests include Electrical Machines, Power Electronics and Electric Drives.

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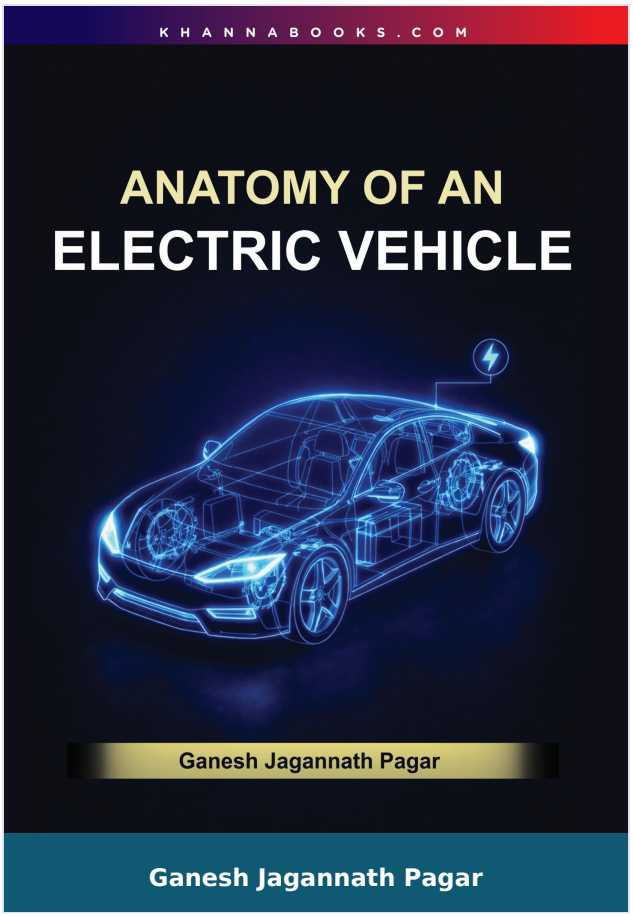


# Anatomy of An Electric Vehicle

| | |
|---|---|
| **Author :** | Ganesh Jagannath Pagar |
| **ISBN 13 :** | 978-93-74547-99-1 |
| **ISBN 10 :** | 9374547996 |
| **E-ISBN 13 :** | 978-93-74547-99-1 |
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## Product Description

**Anatomy of An Electric Vehicle**

This book has been written with a simple and clear purpose, to help readers understand electric vehicles in an easy and practical way. As a teacher and an author, I have often noticed that many students and technology enthusiasts are curious about EVs, but they get overwhelmed by complicated technical terms. This book is my effort to make that journey easier and more enjoyable.

In these pages, you will learn how electric vehicles work, their key components, vehicle layouts, and battery technologies. I have also explained how EVs compare with conventional vehicles, along with insights into the growth of electric mobility in India, important government policies, and real-world examples from leading manufacturers. Every topic is presented step by step in simple language so that beginners, students, and technical learners can build strong fundamentals without feeling lost.

My aim is not only to share information but to build real understanding and confidence about the future of mobility. I truly hope this book encourages readers to explore further, keep learning, and become part of the exciting and evolving world of electric vehicles.

**Salient Features:**

- **Fundamentals of Electric Vehicles**: Clear explanation of EV basics, working principles, and how they differ from conventional vehicles.
- **Core EV Components Explained**: Structured understanding of battery packs, electric motors, power electronics, and control systems.
- **Vehicle Layout and Architecture**: Simple explanation of EV design, including battery placement and motor configuration.
- **Battery Technology**: Covers lithium-ion batteries and emerging future battery technologies.

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- **Charging Systems and Infrastructure**: Overview of home charging, fast charging, and the importance of charging networks.
- **Indian EV Policies and Industry Insights**: Discusses government initiatives like the FAME India Scheme and examples from leading manufacturers such as Tesla.
- **Student-Friendly Learning Approach**: Written in simple language, ideal for diploma, engineering, and technical students.

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- Electric Vehicles
- Vehicle Mechanics
- Transmission Systems
- Vehicle Fundamentals
- Conversions and Motors
- Hybrid Powertrain


## Author

**Ganesh Jagannath Pagar**

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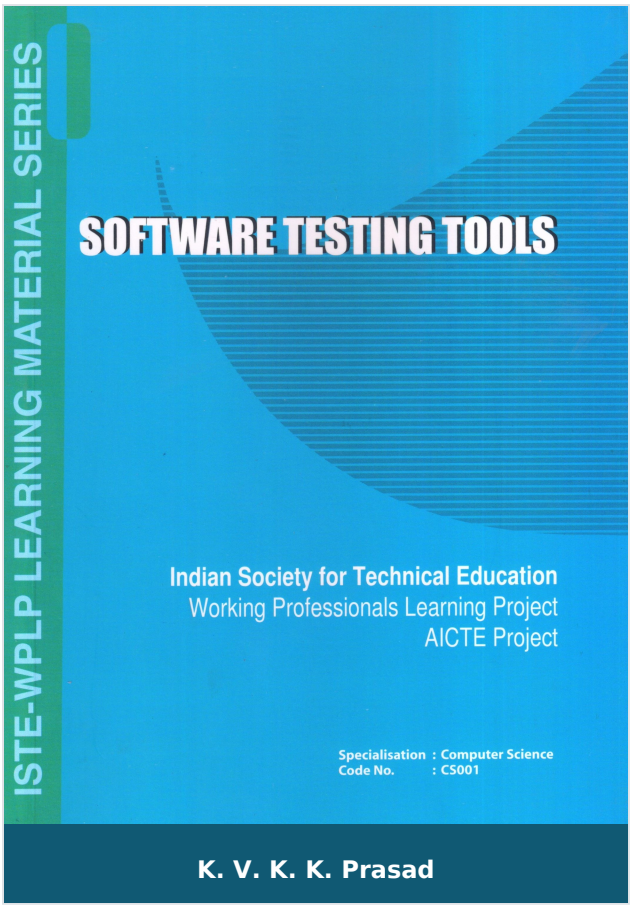


# Software testing Tools

| | |
|---|---|
| **Author :** | K. V. K. K. Prasad |
| **ISBN 13 :** | 978-93-55382-55-9 |
| **ISBN 10 :** | 9355382553 |
| **E-ISBN 13 :** | 978-93-55382-55-9 |
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| **Year :** | 2008 |
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| **Categories :** | Computer Science Engineering, Book Store, ISTE Series |
| **Condition Type :** | New |
| **Country Origin :** | India |

## Product Description

I have gone through this interesting tutorial notes prepared by Dr. K V K K Prasad. Software testing is a topic 0f great current interest to the software engineering community. Whether it is testing of a complex VLSI chip or software module, it is a challenging task and thus one encounters similar steps in the test process. Dr. Prasad starts with an interesting introduction to Software Quality Assurance, and briefly highlights the concepts underlying the Software Testing Process and Methodologies. An interesting introduction to Automated test tools makes it a good reading.

Function/Regression testing tools and Load testing tools form important components in the test process and Dr. Prasad has presented these notions with adequate clarity. Various related issues such as Software Testing Process Management Tools and Configuration Management are covered quite systematically.

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## Table Of Contents


- FOREWORD
- PREFACE
- Overview of Software Quality Assurance
- Software Testing Process
- Software Testing Methodologies and Types of Testing
- Test Case Generation
- Automated Test Tools: An Overview
- Functional/Regression Testing Tools
- Performance/ Load Testing Tools
- Testing Web Applications
- Source Code Testing and Configuration management/ Version Control
- Software Testing Process Management Tools


## Author

**K. V. K. K. Prasad**

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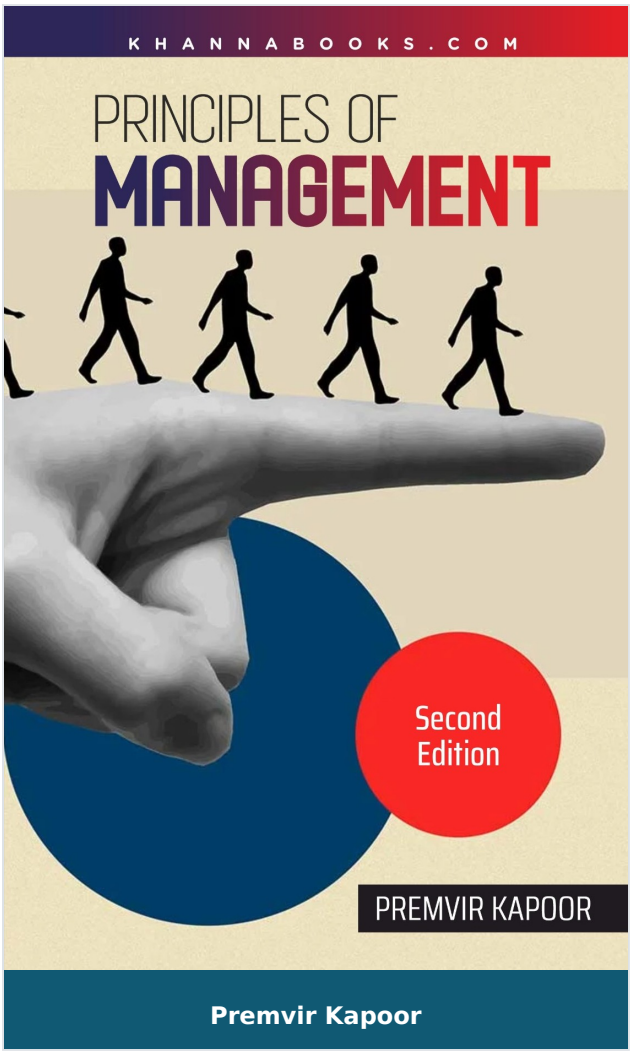


# Principles of Management

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## Product Description

The book provides comprehensive coverage of the management principles and concepts in simple and lucid style with economic conditions continuing to be uncertain, complexity of business increasing many fold, competitive pressures mounting and organizations becoming flatter by each passing day, managers have a tough balancing act to do and need adequate grounding and acquaintance of principles and functions of management. The book shall be useful for the readers who want to upgrade then knowledge and skills with the right attitude.

The book has been specifically designed to meet the academic requirements of the students BBA, MBA, M.Com, BCA courses.

The book covers the syllabus of principles and functions of management subject of various management/Business institutes and universities.

It covers model questions and answers on various management topics.

It covers various management and commerce terms.

The whole subject matter has been presented in a simple and easily understandable manner and an attempt has made to give a precise, comprehensive and compact treatment to the subject. In order to enhance knowledge, understanding and application adequate emphasis has been given to clarify management concepts.

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## Author

**Premvir Kapoor**

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