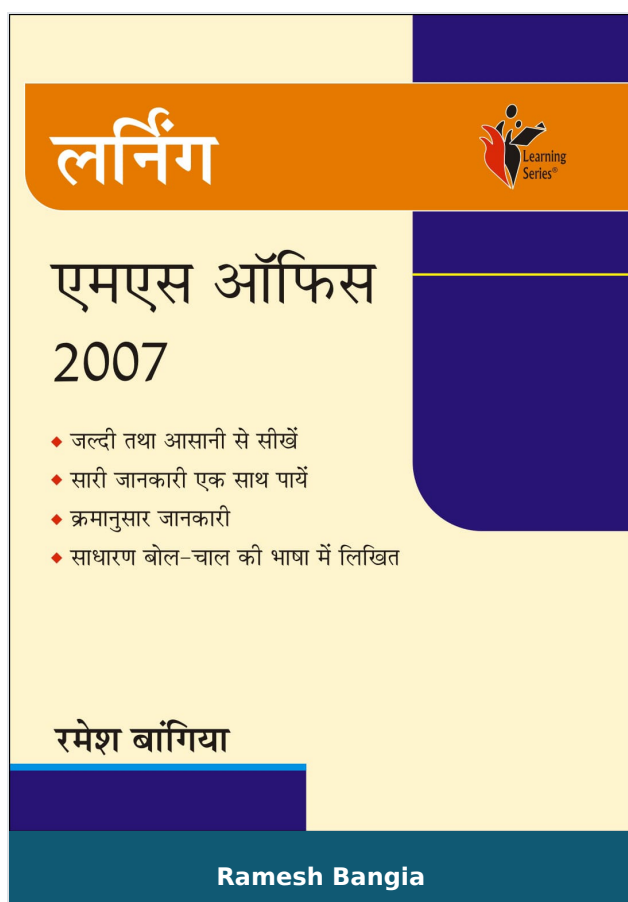




Learning MS Office 2007

Author :	Ramesh Bangia
ISBN 13 :	978-93-80016-54-2
ISBN 10 :	9380016549
E-ISBN 13 :	978-93-80016-54-2
Edition :	1
Pages :	224
Type of book :	Physical
Year :	2011
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 225.00
Categories :	Computer Books - Hindi, Book Store, Learning Series, BASIC COMPUTER BOOKS
Condition Type :	New
Country Origin :	India

Product Description

The complete Learning Series has been designed in a very systematic and logical manner. Each topic has been developed from the basic concepts. Practically every major point in the text is illustrated with suitable examples and screen shots. This will help the students in understanding the basic theory and train them in solving every problem systematically, and confidently. A large number of unsolved as well as solved exercises have also been included in the book. The language of the text of the book is lucid, direct and easy-to understand. Each chapter is laced with various diagrams wherever possible. Functions has been explained in full and some of them have been explained in the form of examples. Tips for working faster using the keyboard shortcuts are also provided.

Table Of Contents

- Introduction to Windows Vista
- Introduction to Microsoft Word 2007
- Introduction to Microsoft Excel 2007
- Introduction to Microsoft Power Point 2007
- Introduction to Microsoft Access 2007
- Keyboard Shortcuts of Microsoft Office 2007
- 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 East and African countries.



Engineering Mechanics (with Lab Manual)

Author : B. B. Gokaldas, Vandana Somkuwar

ISBN 13 : 978-93-91505-32-5

ISBN 10 : 9391505325

E-ISBN 13 : 978-93-91505-32-5

Edition : First

Pages : 224

Type of book : Physical

Year : 2022

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 395.00

Categories : [AICTE Prescribed Textbooks,](#)
[Tamil Books, Book Store, Ebooks](#)

Condition Type : New

Country Origin : India

Product Description

“Engineering Mechanics with Lab Manual” is a compulsory for the first year Diploma course in Engineering 7 Technology. Syllabus of this book is strictly align as per model curriculum of AICTE and academic content is amalgamate with the concept of Outcome based Education (OBE).

Book covers is five units- Basic mechanics & force system, Equilibrium, Friction, Centroid and Centre of gravity & simple lifting machine. Each unit written in every easy, systematic and orderly manner. Each unit contains a set of exercise at the end of each unit to test the student’s comprehension. Also in each unit the laboratory practical pertaining to unit is included.

Some salient features of the book:

1. Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes and Unit Outcomes.
2. Book provides lots of recent information, interesting facts, QR Code for E-resources, QR Code for use of ICT, projects, group discussion etc.
3. Student and teacher centric subject materials included in book with balanced and chronological manner.
4. Figures, tables, equations and activities are insert to improve clarity of the topics.
5. Objective questions, Short questions and long answer exercise given for practice of students after every unit.
6. Solved and unsolved problems including numerical examples taken with systematic steps.

Table Of Contents

- Foreword,
- Acknowledgement,
- Preface,
- Outcome Based Educations,
- Course Outcomes,
- Abbreviations and symbols,
- List of Figures,
- Guidelines for Teachers,
- Guidelines for Students,
- Basic of Mechanics and Force System
- Equilibrium
- Friction
- Centroid and Centre of Gravity
- Centroid and Centre of Gravity
- Appendix
- Index

Author

B. B. Gokaldas

B. B. Gokaldas B. G. Gokaldas

Vandana Somkuwar

Vandana Somkuwar



Fog and Cloud Computing

Author : Kamatchi K. S., P. Jeyanthi

ISBN 13 : 978-93-55382-39-9

ISBN 10 : 9355382391

E-ISBN 13 : 978-93-55382-39-9

Edition : First

Pages : 120

Type of book : Physical

Year : 2025

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 198.00

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

Condition Type : New

Country Origin : India

Product Description

Fog and Cloud Computing

This book serves as a comprehensive and essential guide to mastering the modern landscape of cloud and fog computing, two fundamental technologies reshaping the digital era. The core purpose of this text is to provide a robust understanding of Cloud Computing, exploring its history, characteristics, architectural framework, and the key benefits of virtualization. It thoroughly details the major service models—Infrastructure as a Service (IaaS), Platform as a Service (PaaS), and Software as a Service (SaaS)—and analyzes the deployment models (Public, Private, and Hybrid Cloud) used by global players like Amazon, Microsoft, and IBM.

Crucially, the book extends this foundation into the emerging field of Fog Computing. Fog computing is presented as an indispensable, decentralized architectural layer that addresses the challenges of high latency and network congestion caused by the massive scale of Internet of Things (IoT) devices on traditional, centralized cloud systems. By covering cloud management, security strategies, and the transition to the edge network, this resource aims to bridge the gap between theoretical concepts and their practical, real-world applications. The target audience includes students, IT professionals, researchers, and technology enthusiasts seeking to leverage cloud infrastructure for innovation, digital transformation, and professional growth.

Salient Features:

- **Core Architectural Framework:** Provides a clear overview of cloud computing history, fundamental characteristics (e.g., scalability, multi-sharing), and the architectural components that enable robust cloud services.
- **Essential Service Models:** Dedicated coverage of the foundational service paradigms: Infrastructure as a Service (IaaS), Platform as a Service (PaaS), and

Software as a Service (SaaS), explaining their structure and real-world utility.

- **In-Depth Virtualization:** Details the need for and types of virtualization (hardware, OS), including deep dives into essential hypervisors like Xen, KVM, and Hyper V, and open-source cloud platforms like Eucalyptus.
- **Cloud Security & Governance:** Addresses critical challenges of cloud data management, data center tiers, and essential security protocols like multi-factor authentication, data privacy, and strategies for avoiding vendor lock-in.
- **Industry Landscape Analysis:** Analyzes the competitive landscape by profiling major cloud players (e.g., AWS, Microsoft, IBM) and detailing the advantages and disadvantages of Public, Private, and Hybrid Cloud deployment models.
- **Fog & Edge Integration:** Introduces Fog Computing as an extension of the cloud, detailing its unique architecture, benefits (low latency), and comparing it structurally and functionally to the traditional cloud model.
- **Real-World Fog Applications:** Focuses on the practical utility of Fog Computing in critical modern fields like Smart Cities, Smart Grids, and enabling real-time analytics for high-volume data from Self-driven Cars.
- **Simulation & Testing Tools:** Features an introduction to the role and architecture of Cloud Simulator (CloudSim) for evaluating and testing cloud applications before real-world deployment.

Table Of Contents

- Cloud Computing
- Cloud Service Models
- Cloud Deployment Models and Virtualization
- Management in Cloud Computing and Security
- Fog Computing

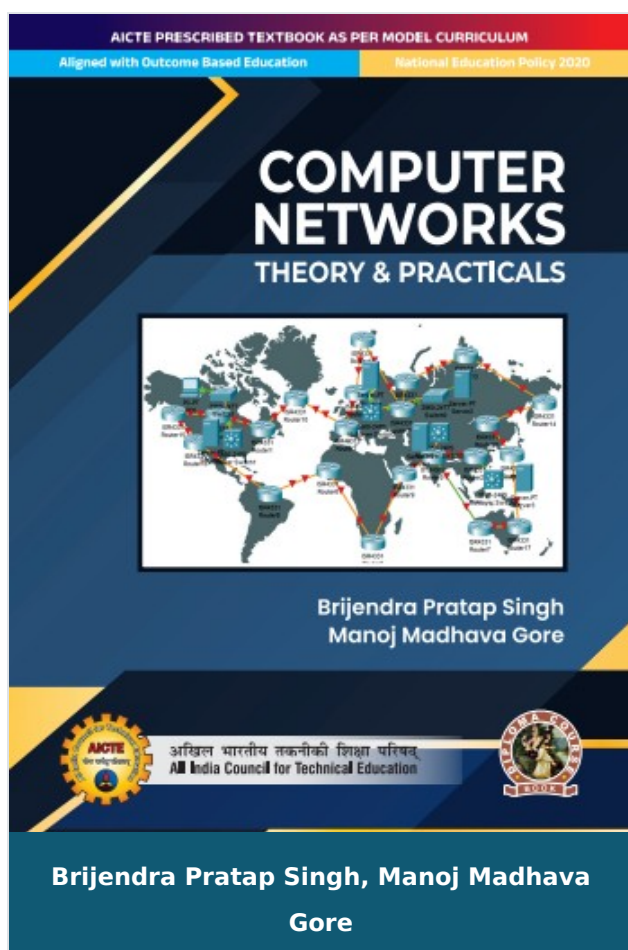
Author

Kamatchi K. S.

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

P. Jeyanthi

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



Computer Networks: Theory & Practicals

Author : Brijendra Pratap Singh, Manoj Madhava Gore

ISBN 13 : 978-93-55382-98-6

ISBN 10 : 9355382987

E-ISBN 13 : 978-93-55382-98-6

Edition : First

Pages : 128

Type of book : Physical

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Language : English

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Categories : [AICTE Prescribed Textbooks,](#)
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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

Computer Networks: Theory & Practicals

The use of network applications and the internet is increasing every day. It is desirable that each user should have elementary knowledge about the working of network applications and the internet. Moreover, the professionals are supposed to have an understanding of network application development. Network architecture, network protocols, and network management. This book elaborates on the network architecture, transmission media, network topologies, ethernet, WI-FI, routing algorithms, routing protocols, IPv4 addresses, transmission control protocol, application layer protocols, simple network management protocol, and related topics. Moreover, the book takes alongside the laboratory tasks, such as the configuration of devices, creation of wired and wireless local area network and others.

Salient features:

- Content of the book aligned with the mapping course outcomes, programs and Units Outcomes.
- In the beginning of each unit learning outcomes are listed to make the student understand what is expected out of him/her after completing that unit.
- Book provides lots of recent information, interesting facts, QR code for E-resources, QR code for use of ICT, projects, group discussion etc.
- Student and teacher centric subject materials included in book with balanced and chronological manner.
- Figures, tables, and software screen shots are inserted to improve clarity of the topics.
- Apart from essential information a 'know more' section is also provided in each unit to extend the learning beyond syllabus.

- Short questions, objective questions and long answer exercises are given for practice of students after every chapter.
- Solved and unsolved problems including numerical examples are solved with systematic steps

Table Of Contents

- Foreword
- Acknowledgement
- Preface
- Outcome Based Education
- Course Outcomes
- Guidelines for Teachers
- Guidelines for Students
- Abbreviations and Symbols
- List of Figures
- List of Tables
- Principles of Computer Networks
- Transmission Media, Data Link Layer, and Local Area Networks
- Network Layer, Routing Algorithms, and Protocols
- Transport and Application Layer
- Networking Devices and Network Management System
- References For Further Learning
- CO and PO Attainment Table
- Index

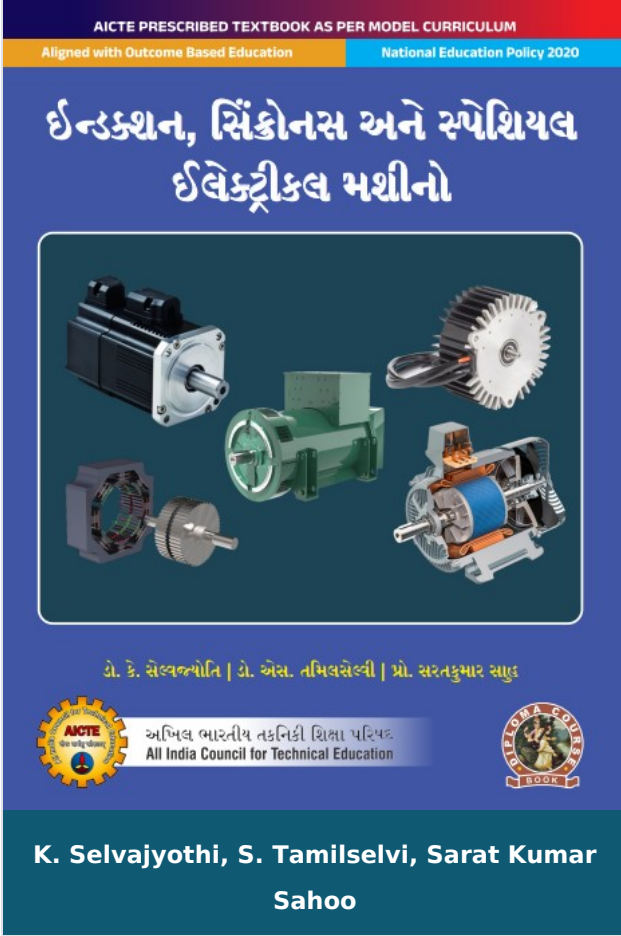
Author

Brijendra Pratap Singh

Dr. Brijendra Pratap Singh Assistant Professor, School of Computer Science Engineering Technology, Bennett University, Greater Noida, India Dr.

Manoj Madhava Gore

Dr. Manoj Madhava Gore Professor, Department of Computer Science and Engineering,
Motilal Nehru National Institute of Technology Allahabad, Prayag raj, India



Induction, Synchronous, and Special Electrical Machines

Author :	K. Selvajyothi, S. Tamilselvi, Sarat Kumar Sahoo
ISBN 13 :	978-93-55385-85-7
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E-ISBN 13 :	978-93-55385-85-7
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M.R.P :	Rs 725.00
Categories :	AICTE Prescribed Textbooks, Gujarati Books, Book Store
Condition Type :	New
Country Origin :	India

Khanna Publishing House

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

Product Description

Induction, Synchronous, and Special Electrical Machines

Author

K. Selvajyothi

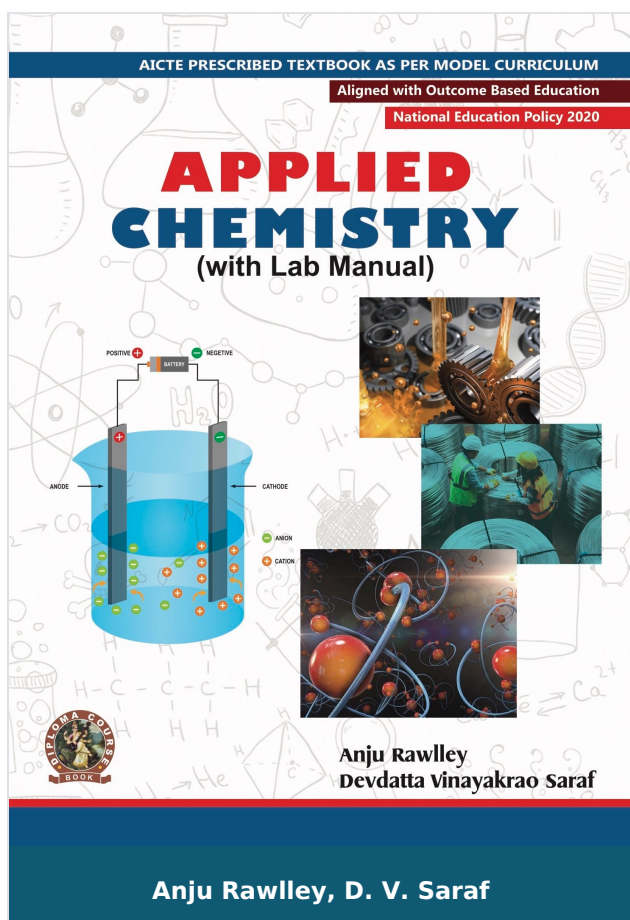
Dr. K. Selvajyothi Associate Professor, IIITDM Kancheepuram, Chennai Dr.

S. Tamilselvi

Dr. S. Tamilselvi Associate Professor, Sri Sivasubramaniya Nadar College of Engineering, Chennai

Sarat Kumar Sahoo

Dr. K. Selvajyothi Associate Professor, IIITDM Kancheepuram, Chennai Dr. S. Tamilselvi Associate Professor, Sri Sivasubramaniya Nadar College of Engineering, Chennai



Applied Chemistry (with Lab Manual)

Author : Anju Rawlley, D. V. Saraf

ISBN 13 : 978-93-91505-44-8

ISBN 10 : 9391505449

E-ISBN 13 : 978-93-91505-44-8

Edition : First

Pages : 256

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Year : 2024

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 295.00

Categories : [AICTE Prescribed Textbooks,](#)
[English Books, Book Store,](#)
[Ebooks, APPLIED SCIENCES &](#)
[HUMANITIES](#)

Condition Type : New

Country Origin : India

Product Description

This text book o “Applied Chemistry” is development as per AICTE model curriculum ,2018, for compulsory course on Applied Chemistry of first years Diploma Program in Engineering and Technology. Atomic Structure, Chemical Bonding & Solution, Water, Engineering Materials, Chemistry of fuels & Lubricants and Electrochemistry are the five units of this book, comprising of both practical and theory.

Some salient features of the book:

1. Course Outcomes and Unit Outcomes are written specifically and are mapped with program Outcomes.
2. Utmost care have been taken to amalgamate the philosophy of outcome based education.
3. The structure of the textbook is comprehensive, where in practical exercises are integral part of each unit.
4. The text is presented in a very simple way with illustrations, examples, tables, flow chart, self -assessment questions and their solutions.
5. Micro projects, points/issue for the creative inquisitiveness & curiosity, know more, video links, case study and summary points are integral part of each unit to facilitate the students to develop the attitude of scientific inquiry, investigate the cause and effect relationship, systematic, scientific & logical thinking , ability to observe, analyse and interpret.
6. To meet the requirement of outcome based education (OBE) and outcome based assessment (OBA), criterion referenced testing (CRT) have been used as an integral part of assessment in each practical.

7. Sample QR codes have been provided in each units on some topics/sub topics for supplementary reading and reinforcing the learning.

Table Of Contents

- Foreword
- Acknowledgement
- Preface
- Outcomes Based Educations
- Course Outcomes Abbreviations and Symbols
- List of Figures List of Tables
- Guidelines for Teachers
- Guidelines for students
- Atomic Structure, Chemical Bonding and Solutions
- Water
- Engineering Materials
- Chemistry of Fuels and Lubricants
- Electro Chemistry

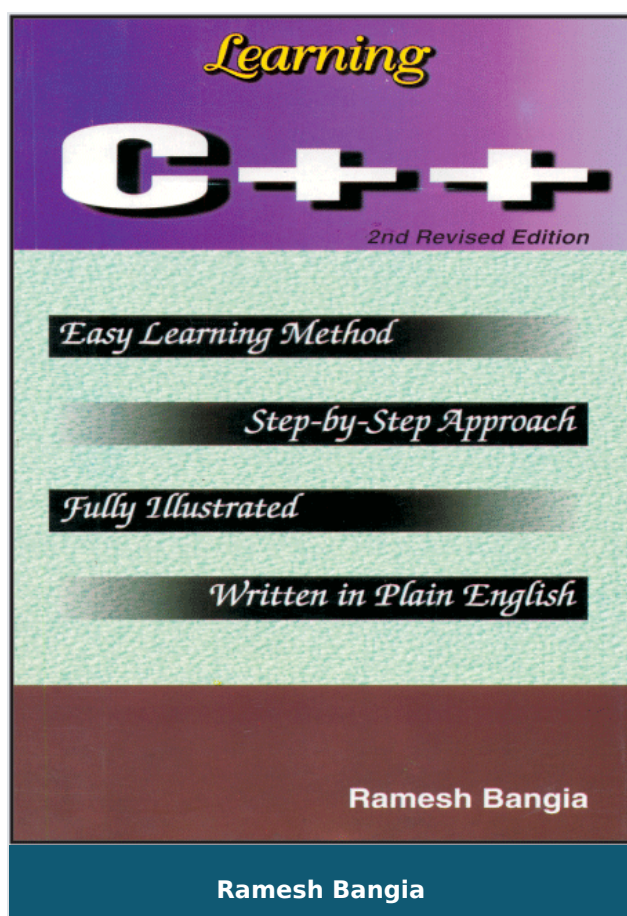
Author

Anju Rawlley

Anju Rawlley Devdatta Vinayakaraao Saraf

D. V. Saraf

D. V. Saraf



Learning C++

Author :	Ramesh Bangia
ISBN 13 :	978-81-87522-81-2
ISBN 10 :	818752281X
E-ISBN 13 :	978-81-87522-81-2
Edition :	1
Pages :	256
Type of book :	Physical
Year :	2013
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 225.00
Categories :	Computer Books - English, Book Store, Learning Series, 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. C++ is such a vast subject that it will take a lot of time to understand it fully. This book has been written in mind to make you aware of the options available in the software and how they can be used. It is like telling the child about the steps and stairs. You are the one who is to climb the stair. This book will just guide you how to use the stairs.

Table Of Contents

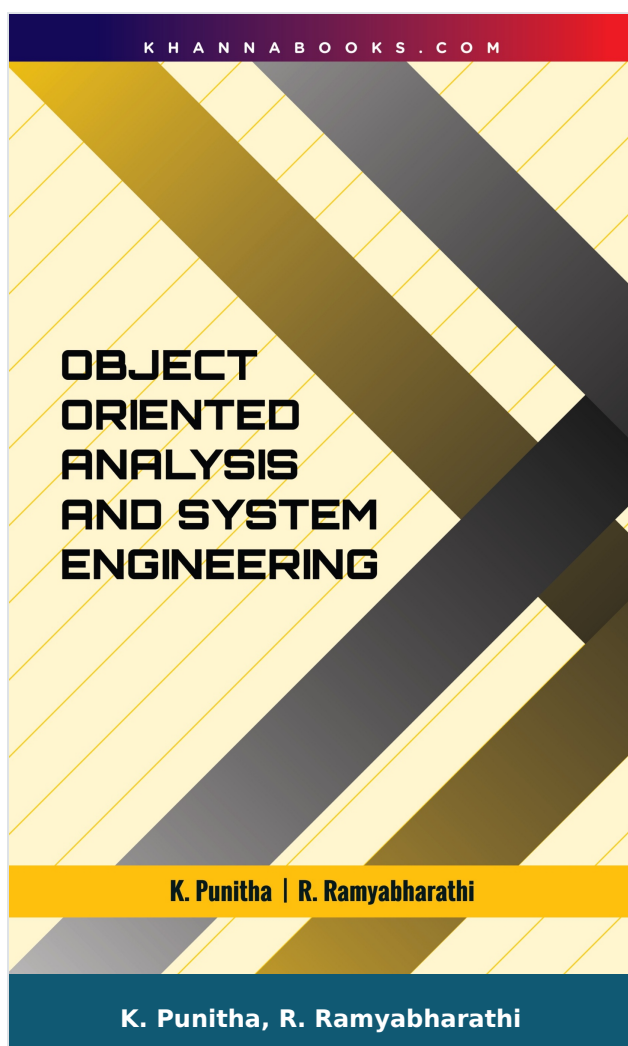
- Introduction to C++
- Operators and Expressions
- Control Statements & I/O Operations
- Arrays
- Functions
- Library Functions
- Structures
- Classes and Objects
- Constructor and Destructor Functions
- Objects and Function Overloading
- Inheritance
- Pointers
- Standard Library Functions and Header Files
- Programming Methology
- Examples
- Glossary of Key Words
- 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 East and African countries.



Object Oriented Analysis and System Engineering

Author : K. Punitha, R. Ramyabharathi

ISBN 13 : 978-93-55389-33-6

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E-ISBN 13 : 978-93-55389-33-6

Edition : First

Pages : 176

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Year : 2026

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 248.00

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

Condition Type : New

Country Origin : India

Product Description

OBJECT ORIENTED ANALYSIS AND SYSTEM ENGINEERING serves as a foundational and comprehensive guide to Object-Oriented System Development (OOSD), a cornerstone of modern software engineering. In today's rapidly evolving technological landscape, the book addresses the critical need for robust, scalable, and maintainable software solutions by providing a structured methodology for building complex, reusable, and efficient systems.

The book delivers the fundamental concepts of object-oriented thinking, commencing with an in-depth exploration of object basics, including objects, classes, inheritance, polymorphism, and encapsulation. It systematically covers the entire Object-Oriented System Development Life Cycle (OOSDLC), offering a holistic view from initial requirements Analysis to Design and final Software Quality Assurance.

The practical value of this text lies in its detailed coverage of object-oriented methodologies—such as Rumbaugh's OMT, Booch, and Jacobson's methods—and the standard Unified Modeling Language (UML) for modeling, design, and documentation. Furthermore, it emphasizes the importance of a use-case driven approach for requirements identification and the application of reusability and component-based development for producing high-quality software. This essential reference is explicitly designed for a wide audience, including students, academicians, researchers, developers, industry professionals, and technology enthusiasts who are seeking to develop a strong background in object-oriented system development and leverage its power for creating innovative solutions.

Salient Features:

- **Core OOSD Concepts:** Introduces foundational OOSD principles, including encapsulation, inheritance, polymorphism, and object-message communication, establishing a solid base

for advanced object-oriented programming.

- **Unified Methodologies:** Details seminal O-O approaches like Rumbaugh's OMT, Booch, and Jacobson's methodologies, emphasizing their unification via the Unified Approach to standardize the software development process.
- **UML and Modeling:** Explores the Unified Modeling Language (UML) as the industry standard, detailing its static, dynamic, and use-case diagrams to accurately model complex system structures and behaviors.
- **Use-Case Driven Analysis:** Teaches practical object identification using a problem-driven approach, employing use-case modeling and classification techniques to clearly define system requirements from the user's perspective.
- **Design Axioms & Layers:** Explains Object-Oriented Design (OOD) with key axioms and corollaries, detailing the design of the Access (persistence/databases) and View (user interface) layers of the system.
- **Object Persistence:** Provides an in-depth look at managing data persistence using Object-Oriented Database Management Systems (OODBMS) and Object-Relational Database Management Systems (ORDBMS) for complex data handling.
- **Software Quality Assurance:** Focuses on the impact of object orientation on testing, covering the development of comprehensive test cases, test plans, and measuring system usability and user satisfaction.
- **Reusability Focus:** Stresses the critical benefit of reusability, providing strategies and guidance for maximizing component-based development to accelerate project timelines and ensure robust, maintainable code.

Table Of Contents

- An Overview of Object Oriented System Development
- Object Oriented Methodologies
- Object Oriented Analysis
- Object Oriented Design
- Software Quality

Author

K. Punitha

K. Punitha

R. Ramyabharathi

R. Ramyabharathi



Fundamentals of Electricals & Electronics Engineering (with Lab Manual)

Author :	Susan S. Mathew, Saji T. Chacko
ISBN 13 :	978-93-91505-24-0
ISBN 10 :	9391505244
E-ISBN 13 :	978-93-91505-24-0
Edition :	First
Pages :	264
Type of book :	Physical
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Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 395.00
Categories :	AICTE Prescribed Textbooks, Tamil Books, Book Store, Ebooks
Condition Type :	New
Country Origin :	India

Product Description

“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 in 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:

- . Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes and Unit Outcomes.
- . 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.
- . Book provides lots of vital facts, concepts, principles and other interesting information.
- . QR Codes of video resources and websites to enhance use of ICT for relevant supportive knowledge have been provided.
- . Student and teacher centric course materials included in book in balanced manner.
- . Figures, tables, equations and comparative charts are inserted to improve clarity of the topics.
- . 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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- Foreword,
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- Guidelines for Teachers,
- Guidelines for Students,
- Overview of Electronic Components and Signals.
- Overview of Analog Circuits.
- Overview of Digital Electronics.
- Electric and Magnetic Circuits.
- AC Circuits.
- Transformer and Machines.
- Appendices
- Answer to Objective Questions
- Reference for Further Learning
- Co and PO Attainment Table
- Index

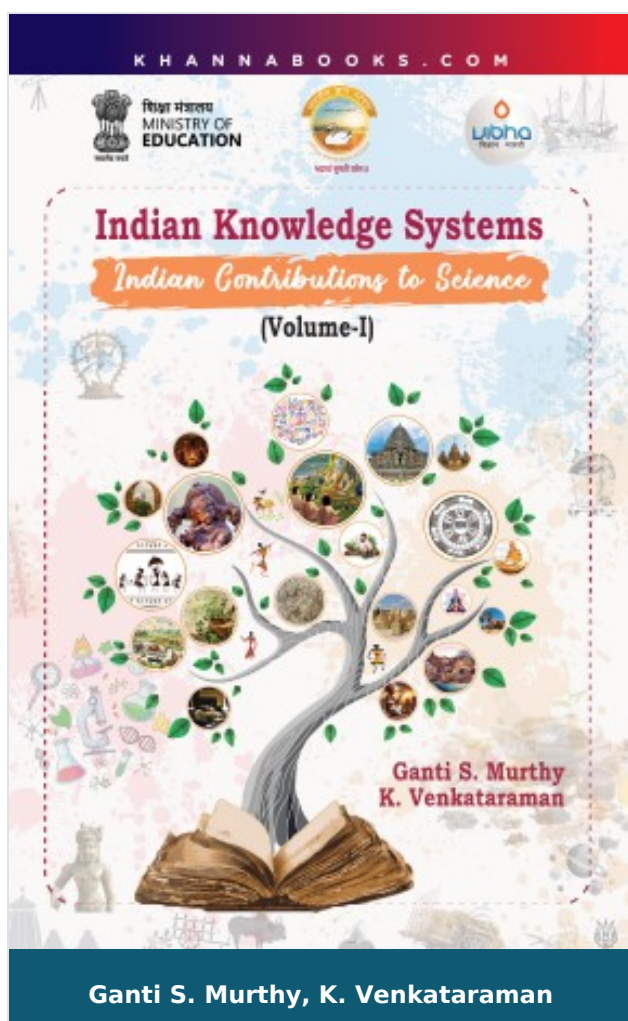
Author

Susan S. Mathew

Susan S. Mathew

Saji T. Chacko

Saji T. Chacko </p>



Indian Knowledge Systems (Indian Contributions to Science), Volume-I,

Author : Ganti S. Murthy, K. Venkataraman

ISBN 13 : 978-93-74540-53-4

ISBN 10 : 9374540533

E-ISBN 13 : 978-93-74540-53-4

Edition : First

Pages : 474

Type of book : Physical

Year : 2026

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 495.00

Categories : [New Arrivals, Book Store,](#)
[Education & Knowledge Systems](#)

Condition Type : New

Country Origin : India

Product Description

Indian Knowledge Systems (Indian Contributions to Science), Volume-I,

Indian Knowledge system (Volume-1): Indian Contribution to Science offers a profound journey into the intellectual heritage of India, presenting its timeless knowledge not as a historical artefact, but as vibrant and relevant resource for the contemporary modern world. This volume masterfully bridges the ancient and the contemporary, revealing how India's holistic and interdisciplinary traditions – from astronomy and mathematics to chemistry medicine, ecology and agriculture—provide deep insights into the globally recognized academic and research fields of fundamental and applied sciences and technology. Meticulously researched and thoughtfully compiled, this book is an essential read for students, educators, and anyone curious to discover the depth and sophistication of the Bhartiya Jnana Parampara also referred to as Indian Knowledge Systems (IKS).

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- Messages
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- List Of Figures and Tables
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- Indian Astronomy: Calendrical Systems
- Indian Astronomical Instruments (Yantras)
- A Glimpse of Indian Mathematics
- A Glimpse of Indian Chemistry (Rasayanasastra)
- Ayurveda: The Holistic Science of Well-Being
- Traditional Medicinal Plants
- Indian Traditional Agriculture
- About The IKS Division

Author

Ganti S. Murthy

Prof. Ganti S. Murthy is a professor of Biosciences and Biomedical Engineering at the Indian Institute of Technology Indore. He serves as the National Coordinator for Indian Knowledge Systems (IKS), an initiative of the Ministry of Education, government of India, and is the founding Head of the center for Indian Scientific Knowledge Systems at IIT Indore. With a Ph.D. in Agricultural and Biological Engineering from the University of Illinois at Urban-Campaign, and prior tenure as a professor at Oregon State University,

Professor Murthy brings a distinguished international research background to the study of traditional Indian agronomy. His scholarly work is focused on sustainable bioprocessing and the analysis of engineered systems, with a particular interest in the resilience of agro-ecological systems. He has played a pivotal role in numerous national committees, including those under the NCERT and UGC, aimed at incorporation IKS into educational curricula and policy. His research group is dedicated to developing sustainable solutions that are technically feasible, economically viable, and environmentally conscious.

K. Venkataraman

Prof. Ganti S. Murthy is a professor of Biosciences and Biomedical Engineering at the Indian Institute of Technology Indore. He serves as the National Coordinator for Indian Knowledge Systems (IKS), an initiative of the Ministry of Education, government of India, and is the founding Head of the center for Indian Scientific Knowledge Systems at IIT Indore. With a Ph.D. in Agricultural and Biological Engineering from the University of Illinois at Urban-Campaign, and prior tenure as a professor at Oregon State University, Professor Murthy brings a distinguished international research background to the study of traditional Indian agronomy. His scholarly work is focused on sustainable bioprocessing and the analysis of engineered systems, with a particular interest in the resilience of agro-ecological systems. He has played a pivotal role in numerous national committees, including those under the NCERT and UGC, aimed at incorporation IKS into educational curricula and policy. His research group is dedicated to developing sustainable solutions that are technically feasible, economically viable, and environmentally conscious.