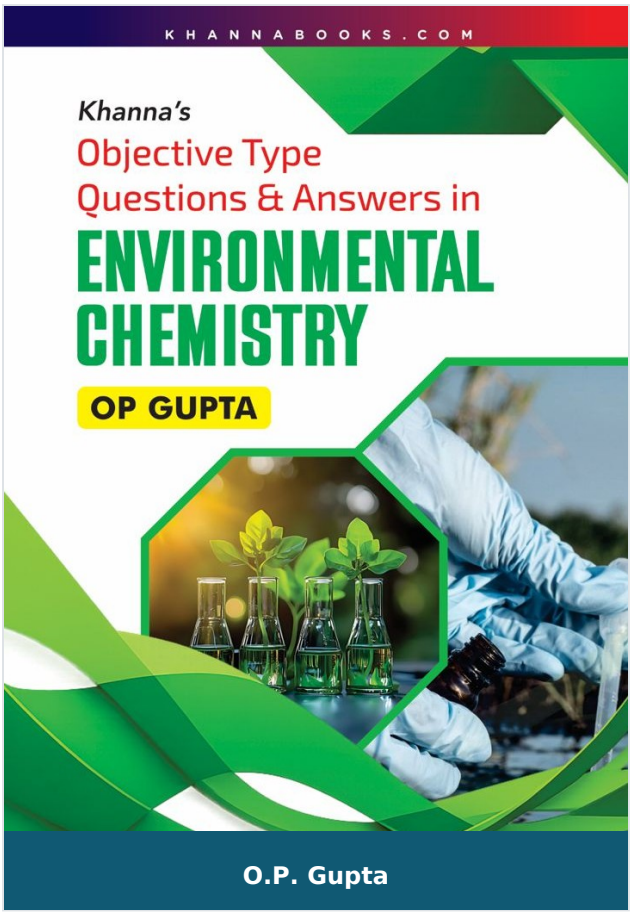



# Khanna's Objective Type Questions & Answers in Environmental Chemistry

| | |
|---|---|
| **Author :** | O.P. Gupta |
| **ISBN 13 :** | 978-93-74544-27-3 |
| **ISBN 10 :** | 937454427X |
| **E-ISBN 13 :** | 978-93-74544-27-3 |
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| **Pages :** | 220 |
| **Type of book :** | Physical |
| **Year :** | 2026 |
| **Language :** | English |
| **Publisher :** | Khanna Publishing House |
| **M.R.P :** | Rs 350.00 |
| **Categories :** | OBJECTIVE TYPE BOOKS, New Arrivals, Book Store |
| **Condition Type :** | New |
| **Country Origin :** | India |

## Product Description

**Khanna's Objective Type Questions & Answers in Environmental Chemistry**

Objective Type Questions & Answers in Environmental Chemistry by O.P. Gupta is comprehensive academic resource designed to provide a structured and evaluative approach to the study of environmental sciences. Published by Khanna book Publishing, this 2025 edition serves as a vital tool for students and professionals navigating the complexities of atmospheric, aquatic, and terrestrial chemistry. The book is meticulously divided into three primary sections: a rigorous collection of objective-type questions with answers, detailed short-answers questions that explore fundamental mechanisms, and an extensive glossary of technical terms to ensure conceptual clarity.

The core theme revolves around the chemical phenomena occurring in the environment and the impact of human activities on natural cycles. Its primary purpose is to aid readers in mastering the syllabus of various competitive and professional examinations. The target audience includes undergraduate and postgraduate engineering and science students, as well as candidates preparing for associate membership examinations like AMIE, AMIM, and AMIIChE. By blending theoretical depth with a question-and-answer format, the boof offers immense practical value for exam preparation and professional reference, maintaining a tone that is both intellectually stimulating and accessible.

**Salient Features:**

- **Examination-Oriented Structure**: The book is strategically organized into objective questions, short-answer explanations, and a glossary, specifically tailored to meet the curriculum requirements of engineering and science degree programs.
- **Atmospheric Chemistry Insights**: It provides in-depth coverage of atmospheric layers, ozone depletion mechanisms, and the chemistry of greenhouse gases like CO, and CHCs to explain global warming.

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- **Aquatic Ecosystem Analysis**: Detailed sections Explore water pollution, eutrophication, and the “oxygen sag curve,” offering readers a clear understanding of how pollutants effect dissolved oxygen and aquatic life.
- **Waste Management Solutions**: the text covers practical methodologies for managing solid and hazardous wastes, including sanitary landfills, composting, and the “Extended producer’s Responsibility” (EPR) for plastic waste.
- **Pollution Control Technologies**: It discusses industrial and domestic pollution mitigation, featuring methods such as cooling towers for thermal pollution and secondary/tertiary treatments for wastewater.
- **Biogeochemical Cycle Expertise**: Readers gain a fundamental understanding of natural processes like the water cycle and carbon cycle, and how human interference leads to environmental degradation.

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- Preface
- SECTION A
- Objective Type Questions
- SECTION B
- Short Answer Type Questions
- SECTION C
- Glossary


## Author

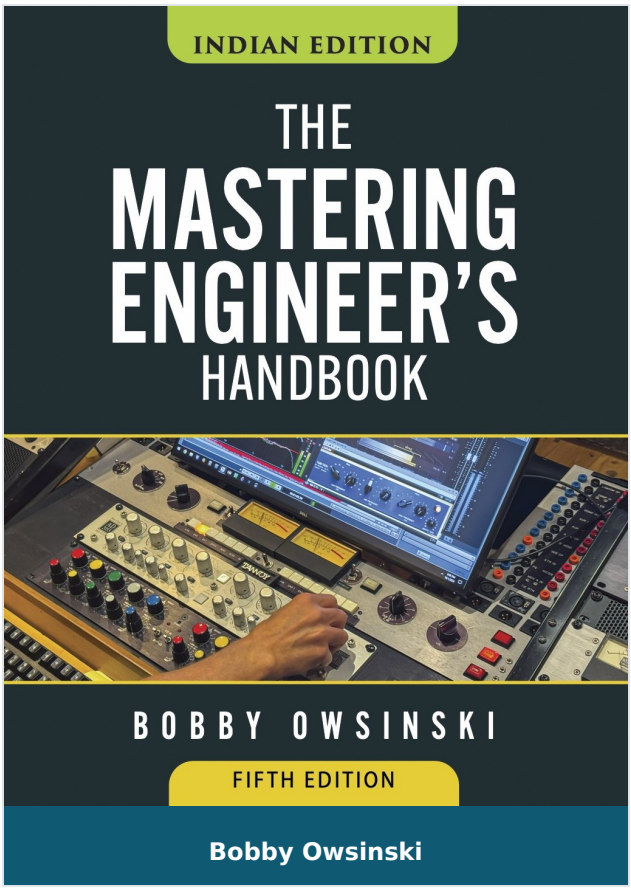
**O.P. Gupta**

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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# The Mastering Engineer's Handbook (Indian Edition)

| | |
|---|---|
| **Author :** | Bobby Owsinski |
| **ISBN 13 :** | 978-93-55387-06-6 |
| **ISBN 10 :** | 9355387067 |
| **E-ISBN 13 :** | 978-93-55387-06-6 |
| **Edition :** | Fifth Edition |
| **Pages :** | 281 |
| **Type of book :** | Physical |
| **Year :** | 2025 |
| **Language :** | English |
| **Publisher :** | Khanna Publishing House |
| **M.R.P :** | Rs 669.00 |
| **Categories :** | Emerging Technologies, Book Store |
| **Condition Type :** | New |
| **Country Origin :** | India |

## Product Description

Self-Mastering Made Simple with Insider Secrets- Expert Advice from The Pros

Audio mastering remains the essential final step in the audio production process, where the recording ‘s final mix is polished and prepped for release and distribution. In this thoroughly updated fifth edition of Bobby Owsinski’s classic The Mastering Engineer’s Handbook, you’ll find the latest insights and techniques for creating professional-grade, well-mastered recordings.

With the growing availability of powerful, cost-effective mastering plugins and online services, today’s musicians and engineers have more resources than ever at their disposal. However, the challenge remains in understanding these tools and using them effectively. This newly redesigned edition not only covers the fundamentals of mastering but also drives into advanced techniques for both self-mastering or preparing your mix for professional mastering, using the latest developments in technology and industry trends. Whether you’re a seasoned pro or just getting started, this handbook will guide you through the entire mastering process with clarity and precision.

Topics Include:

. The simple technique for making a competitive-level master

. A brand-new chapter dedicated to the latest mastering plugins and how you can get results like a pro

. A new chapter on online mastering services and how to get the best results from them.

. An updated look at the latest in vinyl mastering, including the new eco-minded pressing options.

. A new chapter on mastering immersive audio formats like Dolby Atmos and Sony 360RA

. 7 new interviews with the hottest master engineers

. Everything you wanted to know about LUFS levels, including when they’re important and when to ignore them

, Understanding the gap between your work and professional mastering results

. A new Takeaways section at the end of each chapter to highlight the key points

The book also includes exclusive interviews with some of the most sought-after master engineers in the industry, who share their personal techniques and insider tips. Their expert advice will guide you in mastering your music with confidence, creativity, and precision.

Give your tracks the professional edge they deserve with the invaluable expertise offered in The Mastering Engineer’s Handbook, Fifth Edition.

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- PART I; THE MECHANICS OF MASTERING
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- Mastering For Vinyl
- Mastering for CD
- Immersive Mastering
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- Eric Boulanger – The Bakery
- Colin Lenar – SING Mastering
- Pete Lyman – Infrasonic Mastering
- Ryan Schwabe
- Ian Shepherd
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- Bob Ludwig – Gateway Mastering
- Doug Sax – The Mastering Lab
- Glossary
- About Bobby Owsinski

## Author

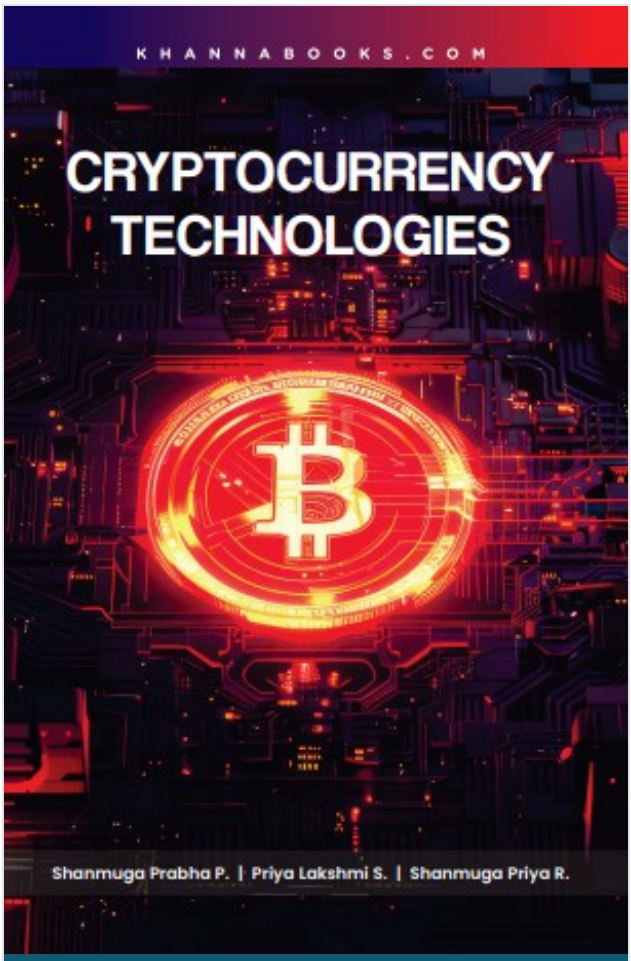
**Bobby Owsinski**

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 BobbyOlnnerCircle.com, and his website at BobbyOwsinski.com.

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**Shanmuga Prabha P., Priya Lakshmi S., Shanmugaa Priyaa R.**

# Cryptocurrency Technologies

| | |
|---|---|
| **Author :** | Shanmuga Prabha P., Priya Lakshmi S., Shanmugaa Priyaa R. |
| **ISBN 13 :** | 978-93-55383-61-7 |
| **ISBN 10 :** | 9355383614 |
| **E-ISBN 13 :** | 978-93-55383-61-7 |
| **Edition :** | First |
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| **Language :** | English |
| **Publisher :** | Khanna Publishing House |
| **M.R.P :** | Rs 298.00 |
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| **Condition Type :** | New |
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## Product Description

### Cryptocurrency Technologies

This book addresses the explosive growth of digital money, which has resulted in an entirely novel phase of decentralized structures, led prominently by the advancements in Bitcoin. As Bitcoin has evolved from an innovative concept into a multi-trillion-dollar business, it fundamentally challenges existing finance paradigms and recasts the concept of trust in digital communication.

Serving as a crucial, detailed resource, this text offers a comprehensive guide to the fundamental concepts, technological advances, and practical implications of digital currencies. It provides a detailed overview of the industry's current condition and possibilities for the future, covering essential topics such as blockchain basics, smart contracts, decentralized finance (DeFi), and emerging digital currency tendencies. Crucially, the text extends beyond core technology to explore the practical uses, legal issues, and wider societal ramifications of decentralized digital assets.

The book's mission is to equip individuals with the knowledge required to engage in and recognize the underlying bitcoin system, guiding readers through the complexity of cryptocurrency technologies in a simple and practical manner. The target audience is broad, encompassing complete beginners, enthusiasts, sector specialists, learners, researchers, programmers, and investors who seek to comprehend the foundations of this constantly evolving world. This academic yet friendly resource provides the necessary understanding to leverage the power of decentralized digital records.

**Salient Features:**

- **Core Fundamentals**: Systematic review of physical money, digital money, fiat currencies, and interbank payment systems, setting the essential historical context for decentralized finance.

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- **Advanced Cryptography**: Dedicated coverage of cryptographic tools crucial for blockchain security, such as Hash Functions, Digital Signatures (ECDSA), and the principle of Zero Knowledge Proof.
- **Blockchain Architecture**: Detailed explanation of the underlying network structure, covering essential concepts like Nodes, Distributed Consensus, and the Merkle Patricia Tree for data integrity.
- **Bitcoin and Ethereum**: In-depth units on the primitives and workings of Bitcoin (including mining and decentralization) and the Ethereum ecosystem, which revolutionized smart contracts.
- **Smart Contract Development**: Practical instruction on programming Smart Contracts on Ethereum and an overview of the specialized object-oriented Solidity Language used for development.
- **Regulatory Framework**: A comprehensive unit on the Legal Aspects and Regulation of cryptocurrency, discussing stakeholders, exchanges, and its impact on the black market and global economy.
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- Digital Money and Cryptography
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- Cryptocurrency and Blockchain Technology
- Ethereum and Solidity
- Cryptocurrency Regulation and Blockchain Application


## Author


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Shanmuga Prabha P. Associate Professor, Dept of CSE, Sathyabhama Institute of Science and Technology Priya Lakshmi S. Associate Professor, Dept of CSE, Sathyabhama Institute of Science and Technology Shanmuga Priya R. Associate Professor, Dept of CSE, Sathyabhama Institute of Science and Technology

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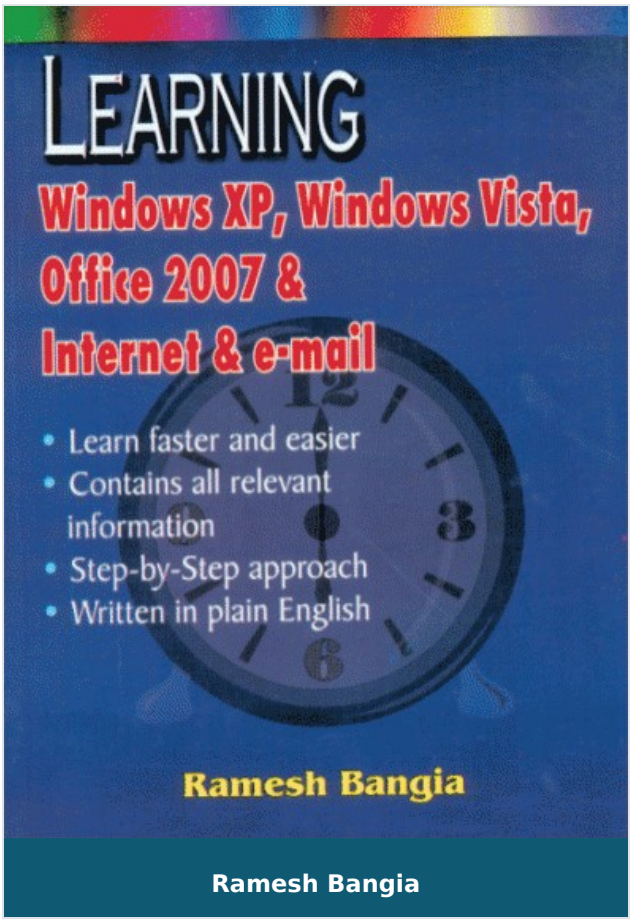
Shanmuga Prabha P. Associate Professor, Dept of CSE, Sathyabhama Institute of Science and Technology Priya Lakshmi S. Associate Professor, Dept of CSE, Sathyabhama Institute of Science and Technology Shanmuga Priya R. Associate Professor, Dept of CSE, Sathyabhama Institute of Science and Technology



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Ramesh Bangia

# Learning Windows XP, Windows Vista, Office 2007 & Internet & e-mail

| | |
|---|---|
| **Author :** | Ramesh Bangia |
| **ISBN 13 :** | 978-81-90611-64-0 |
| **ISBN 10 :** | 819061164X |
| **E-ISBN 13 :** | 978-81-90611-64-0 |
| **Edition :** | 1 |
| **Pages :** | 192 |
| **Type of book :** | Physical |
| **Year :** | 2008 |
| **Language :** | English |
| **Publisher :** | Khanna Publishing House |
| **M.R.P :** | Rs 225.00 |
| **Categories :** | Book Store, Learning Series, BASIC COMPUTER BOOKS |
| **Condition Type :** | New |
| **Country Origin :** | India |

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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. Learning Windows XP, Window Vista, Office 2007 and Internet & E mail 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.

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- Introduction to Microsoft PowerPoint 2007
- Introduction to Microsoft Access 2007
- Internet and E-Mail
- Questions


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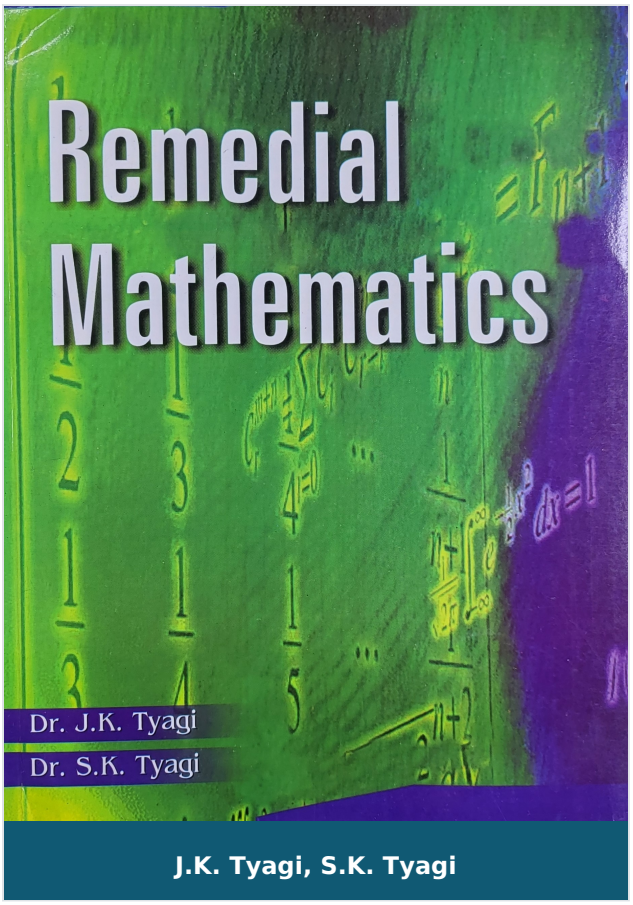
**Ramesh Bangia**

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.

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# Remedial Mathematics

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| **Author :** | J.K. Tyagi, S.K. Tyagi |
| **ISBN 13 :** | 978-93-80016-36-8 |
| **ISBN 10 :** | 9380016360 |
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| **Edition :** | 1 |
| **Pages :** | 392 |
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| **Year :** | 2010 |
| **Language :** | English |
| **Publisher :** | Khanna Publishing House |
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| **Categories :** | Metallurgical Engineering, Book Store, APPPLIED SCIENCES & HUMANITIES |
| **Condition Type :** | New |
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## Product Description

The language is very simple and easily understandable. The approach is to communicate the practical aspects of mathematics in a way that drives out the common fear of learning any mathematical subject. A large number of solved and unsolved problems have been included. Topics are followed by figures and tables. The notations and terminology have been clearly explained wherever desirable. In each chapter, all concepts and definitions have been discussed in detail with suitable examples.

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- UNIT III: Differential Calculus
- UNIT IV: Integral Calculus
- UNIT V: Calculus-linear Differential Equations of Second and Higher Order
- Question Paper
- Log Tables


## Author


**J.K. Tyagi**

Dr. J.K. Tyagi is Professor and head department of Applied Science, Maharaja Agarsain Institute of Technology Ghaziabad (U.P.)

**S.K. Tyagi**

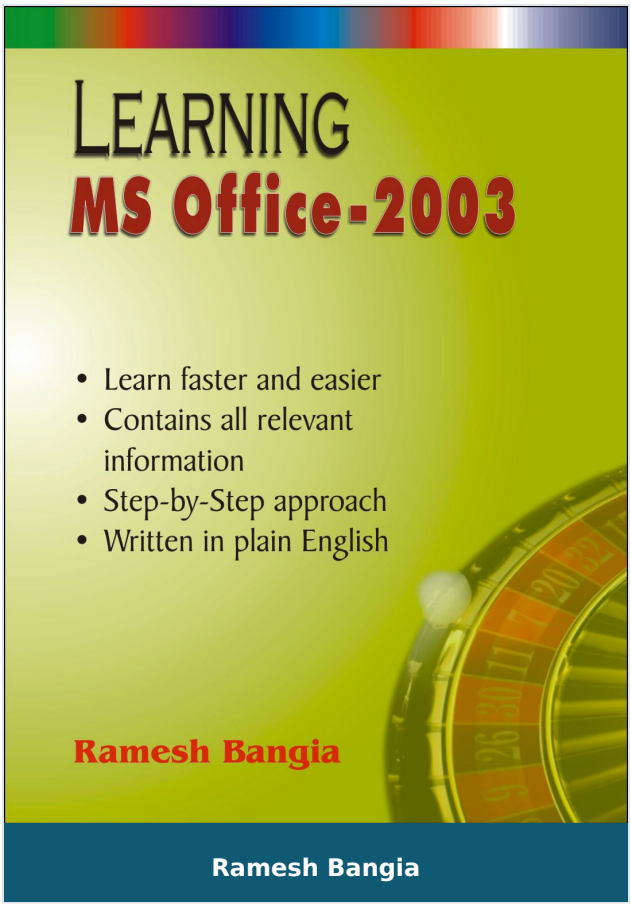
Dr. S.K. Tyagi is Senior Lecturer, Amity School of Engineering and Technology , Amity University, Noida (U.P.)



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# Learning MS Office 2003

| | |
|---|---|
| **Author :** | Ramesh Bangia |
| **ISBN 13 :** | 978-81-87325-42-0 |
| **ISBN 10 :** | 8187325429 |
| **E-ISBN 13 :** | 978-81-87325-42-0 |
| **Edition :** | 1 |
| **Pages :** | 312 |
| **Type of book :** | Physical |
| **Year :** | 2010 |
| **Language :** | English |
| **Publisher :** | Khanna Publishing House |
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| **Categories :** | Computer Books - English, Book Store, Learning Series |
| **Condition Type :** | New |
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## 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. Microsoft Office 2003 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.

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- Using Info Path Forms 2003
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- Speech and Handwriting
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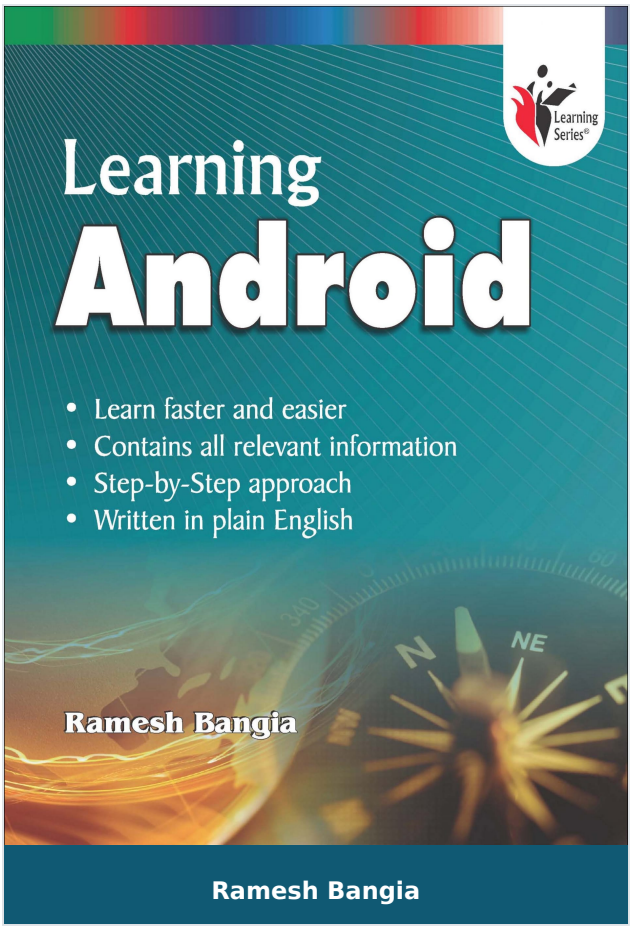
**Ramesh Bangia**

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.

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# Learning Android

| | |
|---|---|
| **Author :** | Ramesh Bangia |
| **ISBN 13 :** | 978-93-81068-88-5 |
| **ISBN 10 :** | 9381068887 |
| **E-ISBN 13 :** | 978-93-81068-88-5 |
| **Edition :** | 1 |
| **Pages :** | 200 |
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| **Year :** | 2013 |
| **Language :** | English |
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| **Categories :** | 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.

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- Introduction to Android
- Introduction to Android Project
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- Android Capabilities
- Application Environments
- Questions


## Author

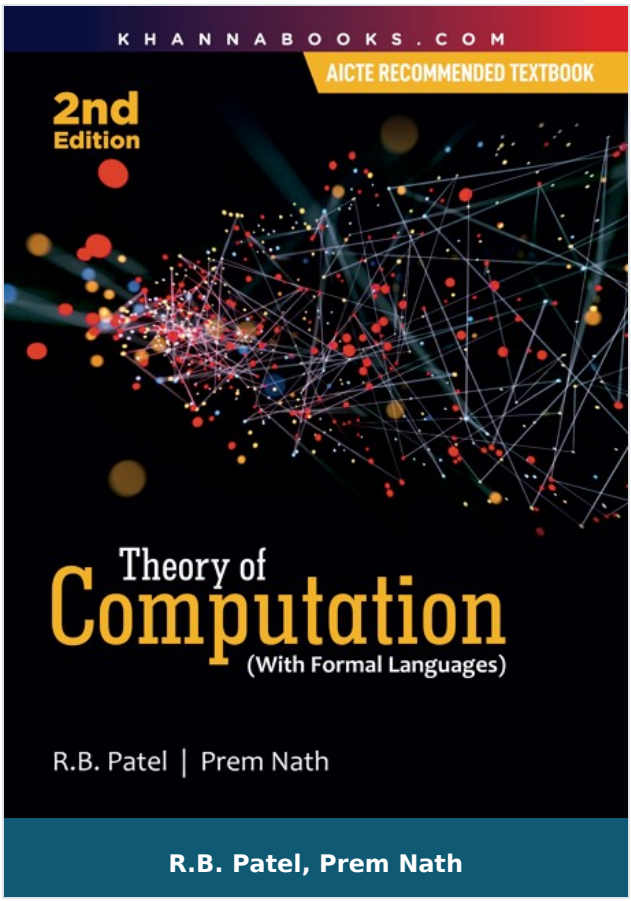
**Ramesh Bangia**

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# Theory of Computation (With Formal Languages)

| | |
|---|---|
| **Author :** | R.B. Patel, Prem Nath |
| **ISBN 13 :** | 978-93-80016-52-8 |
| **ISBN 10 :** | 9380016522 |
| **E-ISBN 13 :** | 978-93-80016-52-8 |
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This book has very simple and practical approach to make the understood the concept of automata theory and languages well. There are many solved descriptive problems and objective (multiple choices) questions, which is a unique feature of this book. The multiple choice questions provide a very good platform for the readers to prepare for various competitive exams.

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- Pushdown Automata and Parsing Techniques
- Turing Machine
- Computability and Recognizability of Turing Machine
- Decidability and Undecidability
- Introduction to Computational Complexity


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R.B. Patel Prof. Ram Bahadur Patel, Professor, Department of Computer Science and Engineering, Chandigarh College of Engineering and Technology, U. T. Administration Chandigarh, earlier he was Professor at NIT Uttarakhand, graduated from Madan Mohan Malaviya Engineering College Gorakhpur in Computer Engineering in the year 1991. He did M.S. from BITS Pilani in the year 1996. He obtained his Ph.D. from the Indian Institute of Technology, Roorkee in the field of Distributed Computing and PDF in Reliable Computing from Athens Greece in the year 2005. He has supervised 18 PhD thesis and 42 M. Tech. dissertation. He has 4 Patents (1 US and 3 Indian) to his credit. He has published more than 190 research paper in International/National Journals and Conferences. He has organized 7 International Conferences/Seminars. He has edited 5 Scopus indexed

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Journal/Proceedings of National and International publishers, viz. Springer Verlag, American Institute of Physics etc. He has authored 7 Books on Data Structures, Automata Theory, etc.

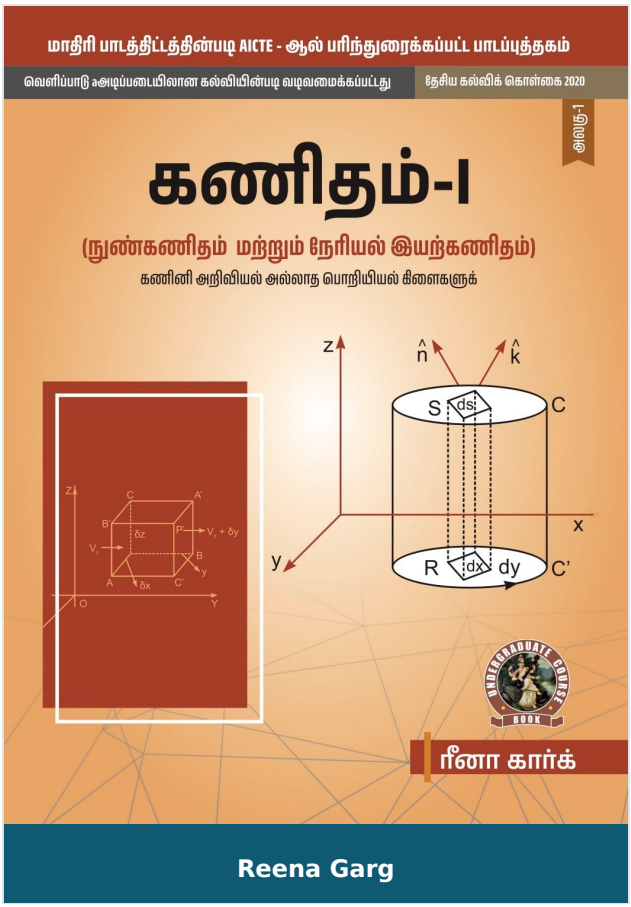
**Prem Nath**

Prem Nath has completed his B.E. (Computer Science and Engineering) from G.B. Pant Engineering College (H.N.B. garwal University)- Uttrakhand in 2000. He has worked in AICTE approved Engineering Colleges at Dehradun and Roorkee for 3 years. At present, he is working as Examiner of patents and Designs at the Patent Office, Kolkata. His work is to examine the patent Applications for which patent is to be ascertained in the field of Computer Science and Technology (Indian patent Act 1970 as amended in 2005). In brief, his work is based on examination of technical advancement as well as the legal aspect (The patent Act 1970 as amended in 2005). He has attended training at the Japan patent office, Tokyo, Japan in the field of "Computer programs" in Year 2007 sponsored by World Intellectual property organization (WIPO), also attended training time to time arranged by Patent Offices in Collaboration with many foreign bodies like, European patent Office (EPO), US patent and Trade marks office (USPTO), etc.

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# Mathematics-I (Calculus and Linear Algebra) For Non-Computer Science Engineering Branches

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## Product Description

Calculus, Multivariable Calculus and Linear Algebra covers all the Modules prescribed by AICTE. Model curriculum to all the 1st year students (except CSE) studying in engineering institutions and universities of the country. It serves as both text book and / or useful reference work. It contains 5 units which include calculus, matrices, sequences & series and multivariable calculus along with their applications. This renowned and well respected title provides in one handy volume with the essential mathematical tools that helps in understanding the subject and problem solving techniques with many real life engineering applications. As per trademark of AICTE, this book is in student friendly style, author has endeavored enormous efforts in providing numerous solved examples and exercise under each topic to facilitate better understanding of the concepts to the students. Majority of Questions in this book have been designed to success the reader understands of the subject. Professionals or those who are preparing for competitive examinations will also find this book very useful. This book will give the students a complete grasp of the mathematical skills that are needed by engineers all over the country.

Some Salient Features of the Book:

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student’s capability, to increase the feeling of team work

5. To clarify the subject, the text has been supplemented through Notes, Observations and Remarks; an attempt has been made to explain the topic through maximum use of geometries wherever possible.

6. Some standard problems with sufficient hints have been included in each exercise to gauge the student’s visual understanding and for grasp the theory.

7. Video links, interesting facts, uses of ICT also included after each topic in every unit for easy understanding of the readers. Also included the pictorial representations of many topics for fast and permanent grasping of the content.

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## Author

**Reena Garg**

Dr. Reena Garg , M.Sc. Mathematics (Gold Medalist), M.Phil, Ph.D is Assistant Professor (Mathematics) in YMCA University of Science & Technology, Faridabad (Haryana). She also taught in C.I.T.M. Faridabad (presently known as Manav Rachna International University, Faridabad). Her teaching experience of more than a decade has made this book more valuable for the knowledge seekers.She has published more than 10 research

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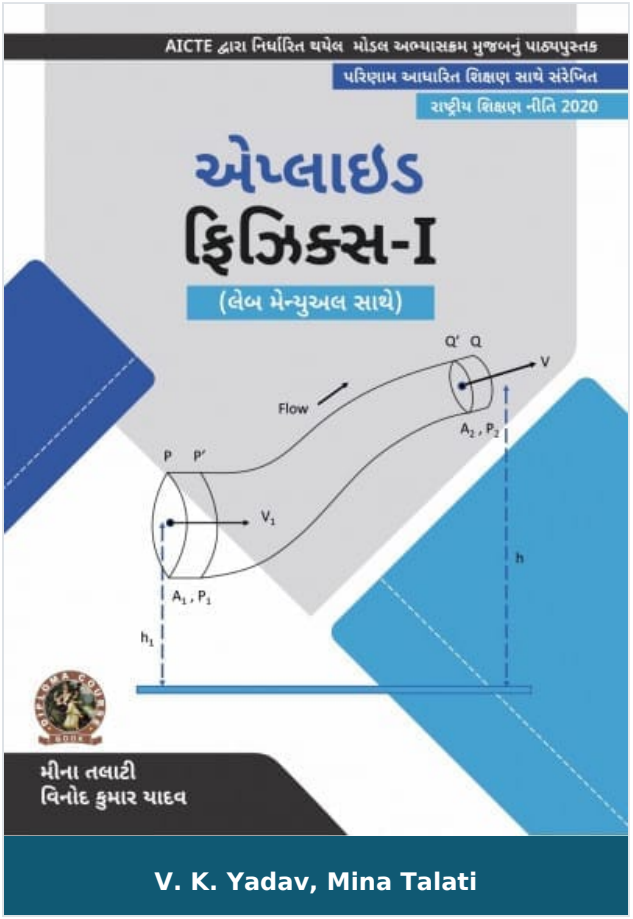
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papers in various InternationalJournals. She is a life-time member of Forum of Inter-disciplinary mathematics in India. She is a member of reviewer Board in IJRET, Bangalore.

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# Applied Physics-I (with Lab Manual)

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| **Author :** | V. K. Yadav, Mina Talati |
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## Product Description

“Applied Physic-l” is a compulsory paper for the first year Diploma course in Engineering & Technology. Syllabus of this books is strictly aligned as per model curriculum of AICTE, and academic content is amalgamated with the concepts of outcome-based education. Book covers six topics- Physical World, Units and Measurements; Force and Motion; Work, Power and Energy; Rotational Motion; Properties of Matter; Heat and Thermometry. Each topic is written in easy and lucid manner. Every chapter contains a set of exercise at the end of each unit to test the student’s comprehension.

Some salient features of the book:

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

2. Book provides lots of interested facts, QR Code for E-resources, QR Code for use of ICT etc.

3. Students and teacher centric subject materials are included in book with balanced and chronological manner.

4. Figures and tables are inserted to improve clarity of the topics.

5. Short questions, objective questions and long answer exercises of different difficulty levels are given for practice after every chapter.

6. Solved numerical examples are provided with systematic steps in each chapter followed by numerical exercises with hints.

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- Physical World, Units and Measurements
- Force and Motion
- Work, Power and energy
- Rotational Motion
- Properties of Matter
- heat and Thermometry
- Annexes
- Appendices
- Index


## Author


**V. K. Yadav**

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# Engineering Graphics & Design

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## Product Description

This textbook “Engineering Graphics and Design” is based on the latest outcome based model curriculum of the AICTE. The book covers complete syllabus catering requirements of all major technical universities and institutes and provides insights into traditional engineering graphics as well as treats of the subject using 2D and 3D design software. It offers technical details, current standard, real world examples and clearly explains theory and technique in highly visual and concise format. The topic covered in this book are arranged into 9 chapters comprising self-explanatory diagrams and solved examples.

Salient Features:

1. Introduction of Engineering Drawing
2. Orthographic Projection
3. Projection of Solids
4. Section of Solids and Development of Surfaces
5. Isometric Projection
6. Overview of Computer Graphics
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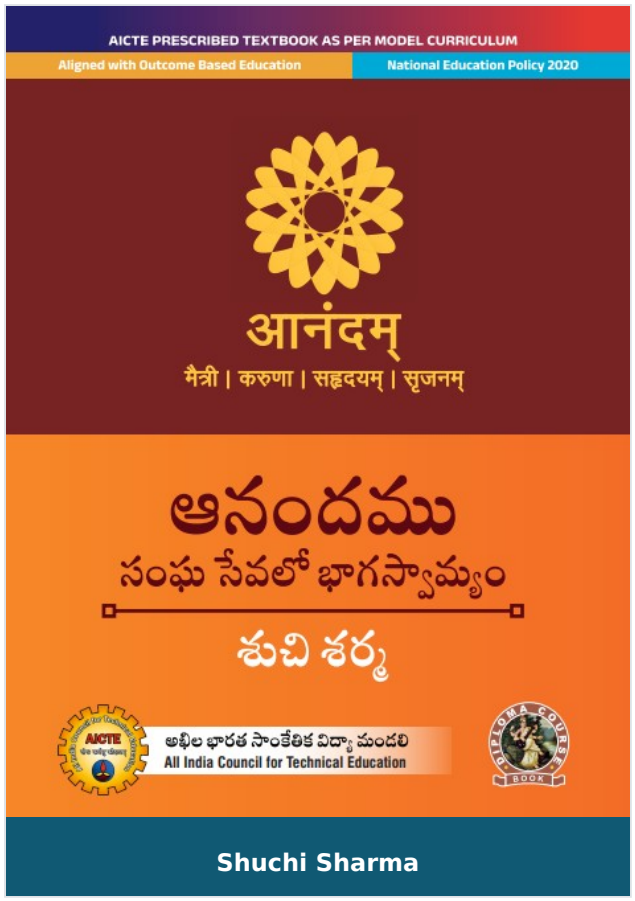
**Pradeep Jain**

Pradeep Jain has 15 years of experience in teaching and industry in CAD/CAM. presently he is working as an associate professor in the Department of Mechanical Engineering, Ajay Kumar Garg Engineering College, Ghaziabad. He is providing training and consultancy in CAD/ CAM field.

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# Aanandam An Act of Community Service

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