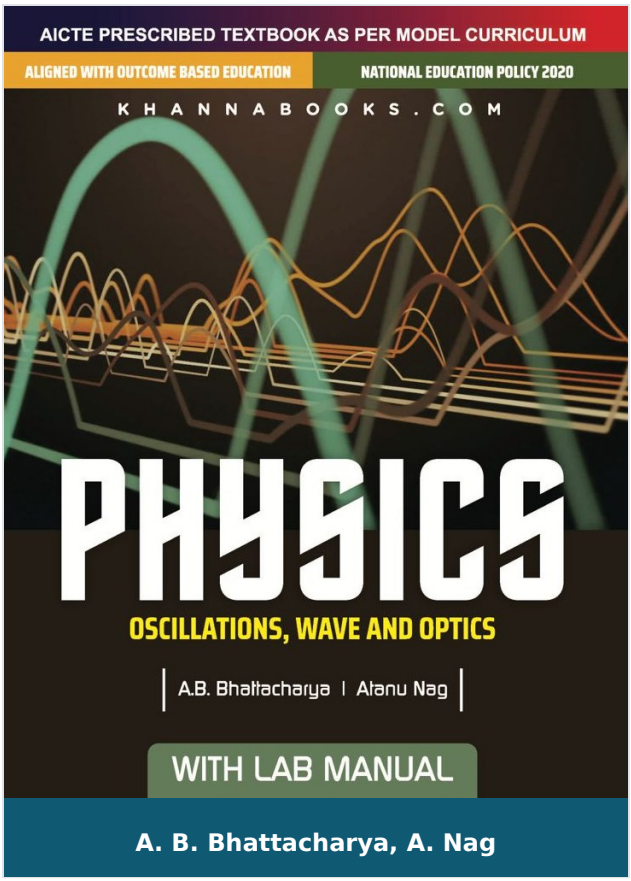


Physics (Oscillations, Waves and Optics) With Lab Manual

Author :	A. B. Bhattacharya, A. Nag
ISBN 13 :	978-93-91505-13-4
ISBN 10 :	9391505139
E-ISBN 13 :	978-93-91505-13-4
Edition :	1
Pages :	272
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 295.00
Categories :	AICTE Prescribed Textbooks, English Books, Ebooks
Condition Type :	New
Country Origin :	India

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

Product Description

For the implementation of an outcome based education the first requirement is to develop an outcome based curriculum and incorporate an outcome based assessment in the education system. By going through outcome based assessments evaluators will be able to evaluate whether the students have achieved the outlined standard, specific and measurable outcomes. With the proper incorporation of outcome based education there will be a definite commitment to achieve a minimum standard for all learners without giving up at any level. At the end of the Programme running with the aid of outcome based education, a student will be able to arrive at the following outcomes

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

- Oscillations
- Units 2: Wave Propagation and Dispersion
- The Propagation of Light and Geometric Optics
- Units 4: Wave Optics
- Lasers
- Table of Physical Constants
- Appendices
- Annexures
- Reference for Future learning
- CO and PO Attainments Table
- Index

Author

A. B. Bhattacharya

Prof. A. B. Bhattacharya did his MSc and PhD degree from the University of Calcutta in Physics and Post-doc from the Massachusetts Institute of Technology (MIT), Cambridge, USA. He worked in close collaboration with the leading laboratories like Lincoln Laboratory; Milestone Hill Observatory; Earth, Atmospheric and Planetary Sciences division of MIT and many other well recognized laboratories in India and abroad. He served as Professor & Head of the Department of Physics, University of Kalyani; Dean of Research and Head of the ECE Department, Techno India University; Pro Vice Chancellor of JIS University and Director of Brainware University. He has published 32 text books for Science and Engineering students, two popular books for general readers and over 400 research articles in reputed International Journals. Under his supervision 24 scholars

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

received their doctoral degree. He is a fellow of the Institute of Electronics and Telecommunication Engineers and member of many scientific organizations. India International Friendship Society awarded him the prestigious "Shiksha Ratna Award" and Certificate of Excellence for meritorious services, outstanding performance and significant contribution to education. The International Institute of Success Awareness hon0red him with their globally recognized "Glory of India Gold Medal" for his outstanding contribution to the national stature of India. A few words from the certificate issued by Prof. Williams of MIT may be quoted "Our collaborative effort was directed at the wavelength dependence of radar echoes observations with the Millstone Hill UHF radar in Westford. He made use of the Charles River Data System computer in the Weather Radar Laboratory for these calculations. His results help to make a convincing case that the volume reflectivity associated with lighting is a diminishing function of radar wavelength, contrary to contemporary thinking". Dr.

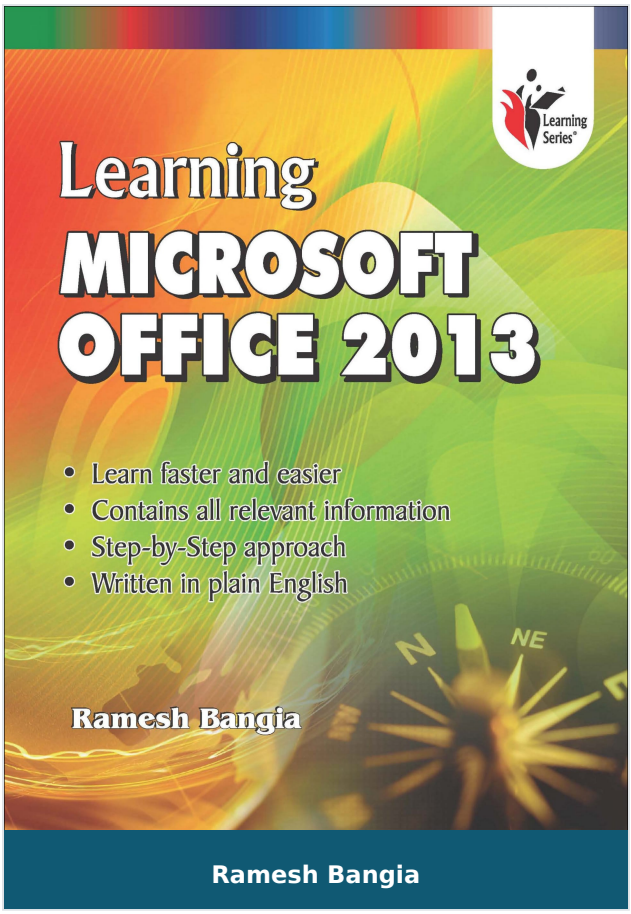
A. Nag

A. Nag Dr. Atanu Nag did his M. Sc. in 2007 and Ph. D. in 2013 from the University of Kalyani. He has published over 50 Journal papers and 5 books for Science & Engineering students. Presently he is the Head and Associate Professor in the Department of Physics, Modern Institute of Engineering & Technology, Hooghly, West Bengal.

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



Learning Microsoft Office 2013

Author :	Ramesh Bangia
ISBN 13 :	978-93-82609-34-6
ISBN 10 :	9382609342
E-ISBN 13 :	978-93-82609-34-6
Edition :	1
Pages :	240
Type of book :	Physical
Year :	2024
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 295.00
Categories :	Bookstore, 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.

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

- Introducing Windows 8
- Introduction to Microsoft Office 2013
- Introduction to Microsoft Word 2013
- Introduction to Microsoft Excel 2013
- Introduction to Microsoft PowerPoint 2013
- Introduction to Microsoft Access 2010
- Other Software of Microsoft Office 2013
- Keyboard Shortcuts of Microsoft Office 2013
- Questions

Author

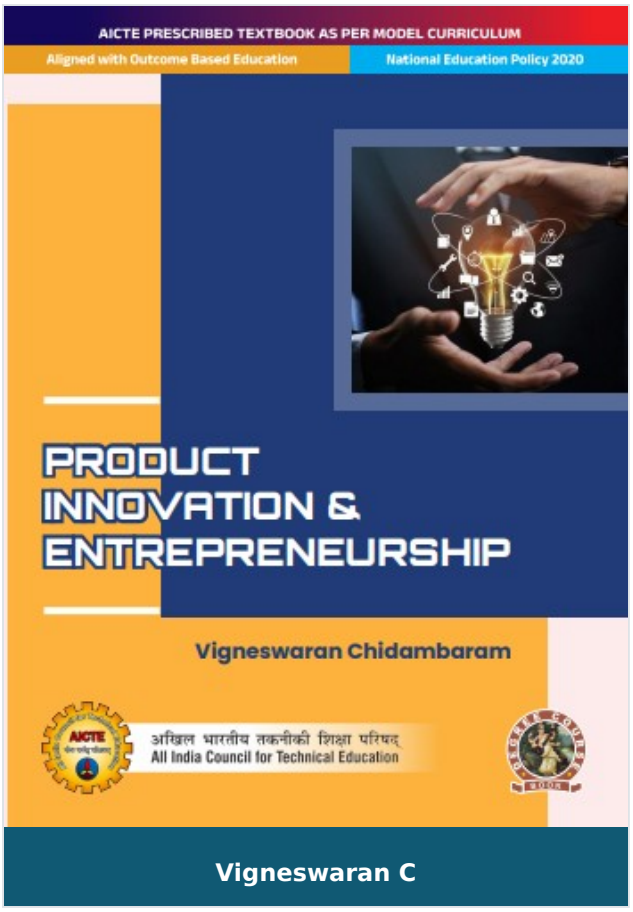
Ramesh Bangia

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



Product Innovation & Entrepreneurship

Author :	Vigneswaran C
ISBN 13 :	978-93-55383-75-4
ISBN 10 :	9355383754
E-ISBN 13 :	978-93-55383-75-4
Edition :	First
Pages :	340
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 598.00
Categories :	AICTE Prescribed Textbooks, English Books, Bookstore
Condition Type :	New
Country Origin :	India

Product Description

Product Innovation & Entrepreneurship

This comprehensive book explores into the realms of product innovation and entrepreneurship, combining theoretical concepts with practical applications. It provides an in-depth exploration of topics such as innovation management, design thinking, market analysis, and venture creation. The logical organization of content and a plethora of problems with step-by-step solutions make this book an indispensable resource for students and practitioners alike.

Salient Features:

- The content of the book is meticulously aligned with the mapping of Course Outcomes, Program Outcomes, and Unit Outcomes, ensuring relevance and applicability to academic and professional settings.
- Each unit begins with clearly defined learning outcomes, empowering students to understand the expected competencies upon completion of the unit.
- The book incorporates abundant recent information, interesting facts, QR codes for accessing E-resources, and QR codes for leveraging ICT tools, enriching the learning experience for both students and teachers.
- It encompasses a balanced and chronological presentation of subject materials, catering to the needs of diverse learners.
- Enhanced clarity is achieved through the inclusion of figures, tables, and software screenshots, facilitating better comprehension of complex topics.
- An additional ‘Know More’ section in each unit encourages students to delve deeper into the subject matter, fostering a culture of continuous learning beyond the syllabus.

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

- Practice exercises, including short questions, objective questions, and long answer exercises, are provided at the end of each chapter to reinforce learning and enhance retention.
- Solved and unsolved problems, including numerical examples, are systematically addressed, aiding students in honing their problem-solving skills and reinforcing theoretical concepts with practical application.

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
- Acknowledgement
- Preface
- Outcome Based Education
- Course Outcomes
- Guidelines for Teachers
- Guidelines for Students
- Abbreviations and Symbols
- List of Figures
- Fundamentals of Entrepreneurship
- Product innovation
- Marketing and finance
- Venture creation
- Course project
- References for suggested Reading
- CO attainment table
- Index

Author

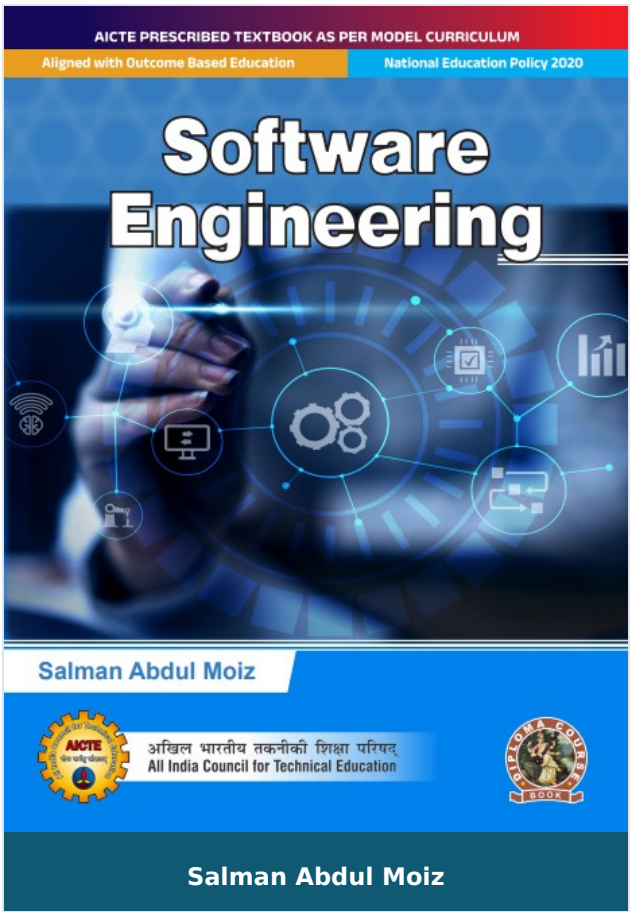
Vigneswaran C

Vigneswaran Chidambaram Assistant Professor (Selection Grade), Department of Production Engineering, PSG College of Technology

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



Software Engineering

Author :	Salman Abdul Moiz
ISBN 13 :	978-93-55387-47-9
ISBN 10 :	9355387474
E-ISBN 13 :	978-93-55387-47-9
Edition :	First
Pages :	196
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 358.00
Categories :	AICTE Prescribed Textbooks, English Books, Bookstore
Condition Type :	New
Country Origin :	India

Product Description

Software Engineering

One of the software Engineering goals is to develop quality software within the estimated time and given budget. This requires a systematic approach towards the development and deployment of software. This practices, and processes for software development must be understood to deploy software efficiently. This book first introduces the concepts of software engineering. The process development methodologies and their applicability are presented. The rapid application development approach, which the industry desire for small and medium projects, is discussed. The standard practices used in each phase of software development, including requirements engineering, software design, testing, and project management, are presented in this book, emphasizing structured and object-oriented analysis and design paradigms.

Salient features:

- The book’s content is aligned with program outcomes, course outcomes, and unit outcomes.
- Learning outcomes are listed at the beginning of each unit to make students understand what is expected after completing each unit.
- The book provides examples that help in realizing the software process models.
- The exercises and case studies specified in the practical section help realize software by following the principles and practices of software development.
- The topics presented in this book help realize end-end software in any development paradigms.
- Apart from the essential information, a `know-more’ section is included in each unit to extend learning beyond the syllabus.

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

- The QR code and E-resources will help the learners refer to standards used in the software development process.
- Multiple choice, short-and long-answer questions are included at the end of each unit.
- Case study examples are given in units that help analyze, design, implement, and test the systems.

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
- Acknowledgement
- Preface
- Outcome Based Education
- Course Outcomes
- Guidelines for Teachers
- Guidelines for Students
- Abbreviations and Symbols
- List of Figures
- Software Development Life Cycle
- Requirement Engineering
- Software Design
- Software Testing
- Project Management
- References for Further Learning
- CO and PO Attainment Table
- Index

Author

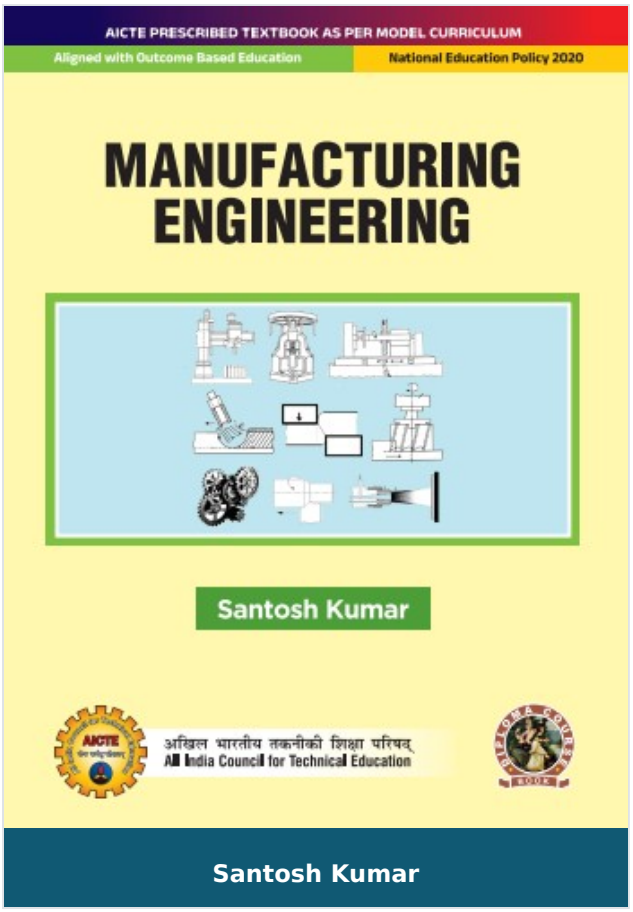
Salman Abdul Moiz

Prof. Salman Abdul Moiz Professor School of Computer & Information Sciences University of Hyderabad

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



Manufacturing Engineering

Author :	Santosh Kumar
ISBN 13 :	978-93-55388-14-8
ISBN 10 :	9355388144
E-ISBN 13 :	978-93-55388-14-8
Edition :	First
Pages :	292
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 445.00
Categories :	AICTE Prescribed Textbooks, English Books, Bookstore
Condition Type :	New
Country Origin :	India

Product Description

Manufacturing Engineering

A student is always curious to make his idea converted into physical form as a useful product or a device. A product may consist of many sub assembly or components and need to be manufactured physically using some engineering materials like metals. Polymer, composites or ceramics. Such material can be converted into a given shape and sizes using basic manufacturing process like machining, forming, grinding, finishing, polishing, welding of press working etc. therefor it is very important for mechanical, production, manufacturing and materials engineers to have a systematic understanding on fundamentals of manufacturing practices and engineering that affect process selection and its parameters as per the need of an application. The book entitled `manufacturing Engineering' is developed as per the model curriculum of AICTE, New Delhi for 2nd year of Diploma students on subject `Manufacturing Engineering'.

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.

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

- 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.

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
- Acknowledgement
- Preface
- Outcome Based Education
- Course Outcomes
- Guidelines for Teachers
- Guidelines for Students
- Abbreviations and Symbols
- List of Figures
- List of Tables
- Cutting fluids, lubricants and lathe machine Operations
- Broaching and drilling Machines
- Welding-Brazing-Soldering and Milling Machines
- Gear Making and Press Working
- Unit Summary
- Exercises
- Practicals
- Know more
- Suggested Resources for Further Reading/Learning
- Grinding and Finishing Processes
- Unit Summary
- Exercises
- Practicals

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

- Know more
- Suggested Resources for Further Reading/Learning
- Index

Author

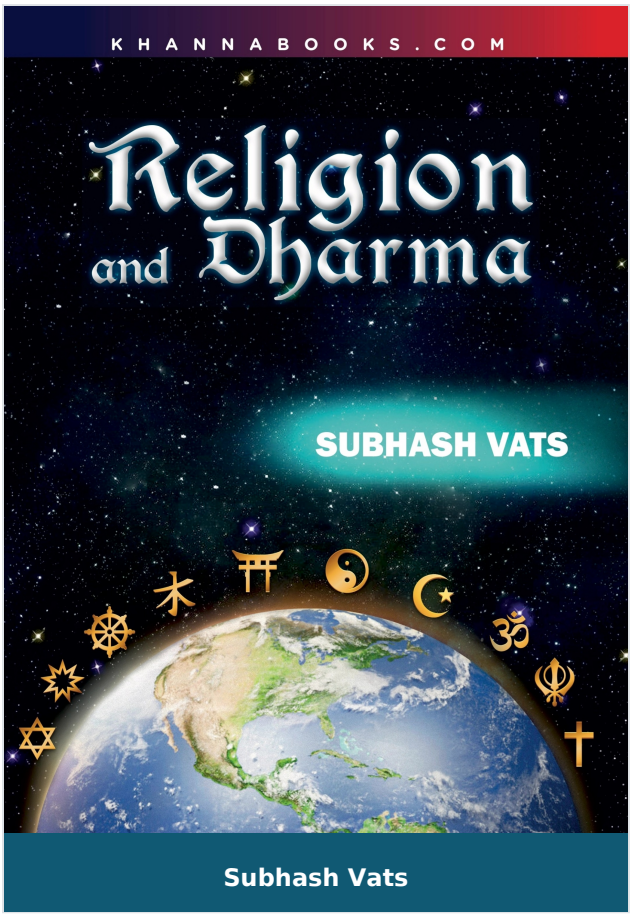
Santosh Kumar

Prof. Santosh Kumar, Former Professor of Civil Engineering at the Bihar College of Engineering/NIT Patna, obtained his Bachelor's degree in Civil Engineering from Regional Institute of technology/NIT Jamshedpur and Master's degree from University of Roorkee/NIT Roorkee. Further he obtained Dip. H.E. From Delft University, Netherlands. He completed his Ph.D from Patna University. Prof. Kumar taught water resources related subjects for more than 40 years. During his tenure he successfully guided four Ph.Ds. and a record 28 M.Tech dissertations. He also produced more than 50 research papers. Later he also acquired advanced knowledge in Environmental Science. Dr. Kumar was picked up by the World Bank as a consultant to its projects in Bihar at FMISC, where he served for four years. He is a Fellow of Institution of engineers India; Chairman Indian Water Resources Society (Patna Chapter).

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



Religion and Dharma

Author :	Subhash Vats
ISBN 13 :	978-93-55386-85-4
ISBN 10 :	9355386850
E-ISBN 13 :	978-93-55386-85-4
Edition :	1
Pages :	272
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 495.00
Categories :	New Arrivals, Bookstore, Education & Knowledge Systems
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

Sanatan philosophy and Abrahamic religions- When Britishers came to India they tried to show the supremacy of their legacy. An Aryan Invasion theory was manufactured and imposed by them. They tried to establish that these Aryan were the Europeans and the Aryan race was superior to the native Indians. Britishers under the garb of the same legacy tried to explore their legacy on behalf of European society. This book starts with the prevalent contemporary religions in the modern world. Then it explains theism and atheism, Sanatan philosophy and its offshoots I the form of Buddhism, Jainism and Sikhism. What are the basic of Sanatan philosophy? Vedas and Upanishads from where the Sanatan philosophy originates and takes its principles and tenets. Metaphysics of the religion, how the religions in the modern world are being analyzed. Basic principles of the different religions in the modern world and their sub branches. How Abrahamic religions Christianity and Islam affected the Sanatan Dharma. How the invaders forced their religions and the Britishers who came to trade in India and then spread Christianity especially in the North Eastern states. The active and passive role of Indian politicians, in the spread of Christianity in India. How Sanatan Dharma society remained at the receiving end due to the barbaric culture of Islam in medieval period of history? They tyrants of Islam tried to subdue the Indian Sanatan philosophy by evaporating the Indian tenets and dogmas with their sword culture. Even then the native Indians faced the barbarism of Islam and Christianity, and did not surrender, to save their identity. In the modern world how a woke culture is destroying the societies and the liberal approach in the society has come to fore. Wokeism which started in Europe, reached to America and now at the door steps of India. This Woke culture is supporting the LGBTQ society and our youth are rebelling against our culture ethos.

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

- Religious of the world.
- Hinduism or Sanatan Dharma.
- Treaties on Dharma.
- Exponents of Sanatan Philosophy.
- Dharma vs Religion.
- Comparative study of Sanatan Philosophy with other Religions Including the Abrahamic Religions.
- Philosophy of Abrahamic Religions Including Christianity, Islam and Judaism.
- Metaphysical Issues in the Philosophy of Religion.
- Buddhism.
- Jainism.
- Sikhism.
- Islam.
- Christianitly.
- Judaism.
- Zoroastrianism.
- Minor Religions.
- Wokeism.
- Ex-Muslism.
- Religion and Dharma in the Modern Era.
- Religions Conversation and Proselytization.
- Conversion of Hindus.
- LGBT Culture in 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

Author

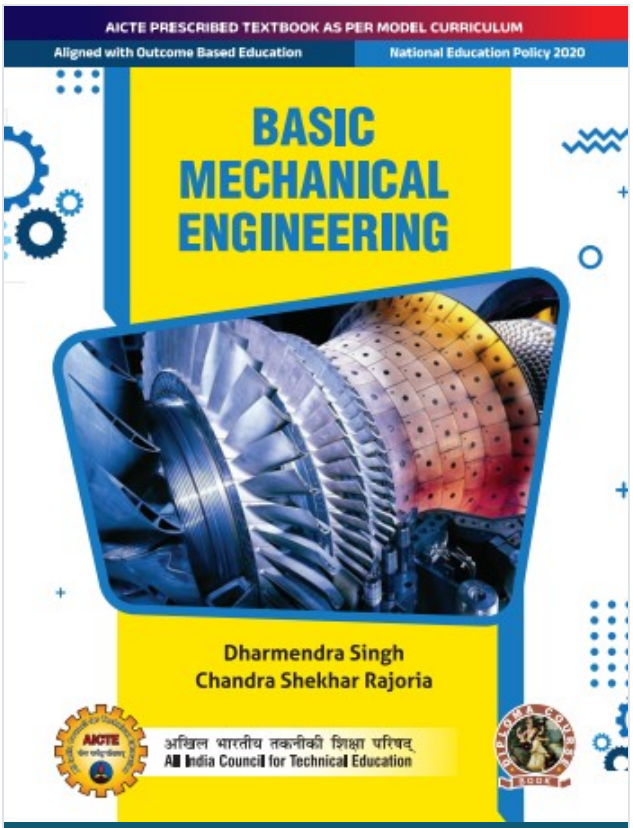
Subhash Vats

Subhash Vats is a retired Delhi Police officer who served with distinction as an Assistant Commissioner of Police. Hailing from a rural background in Uttar Pradesh, he began his journey in Delhi and dedicated his career to various operational roles across different districts and units of the Delhi Police. His exemplary service earned him the Police Medal for Gallantry in 2007, along with over a hundred commendation certificates and appreciation letters from the Commissioner of Police, Delhi. In addition to his law enforcement career, he obtained a law degree from Delhi University, further enhancing his understanding of justice and governance. Beyond Policing, he has a deep passion for ancient Indian history and cultural values. An avid writer, he has contributed on religious and spiritual themes to various magazines and local publications. His writings reflect his profound insights into Indian's rich traditions, philosophy, and way of life. Through his work, he continues to explore and share the timeless wisdom of Indian heritage.

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



Basic Mechanical Engineering

Author :	Dharmendra Singh, Chandra Shekhar Rajoria
ISBN 13 :	978-93-55387-53-0
ISBN 10 :	9355387539
E-ISBN 13 :	978-93-55387-53-0
Edition :	First
Pages :	280
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 528.00
Categories :	AICTE Prescribed Textbooks, English Books, Bookstore
Condition Type :	New
Country Origin :	India

Product Description

Basic Mechanical Engineering

This book familiarizes the students with different domains of Mechanical Engineering. It provides an exposure of basic science to the engineering students, the fundamentals of Mechanical Engineering systems as well as enables them to get and insight of the subject. The book covers the basic thermodynamic principles including heat transfer, thermal power plant systems, steam turbines, condensers, cooking towers, internal combustion engines and refrigeration. It also covers the basics of material science, manufacturing process, machine tools and their mechanisms with their application in engineering problems. The main content of this book is aligned with the model curriculum of AICTE followed by concept of outcome-based education as per the National Education Policy (NEP) 2020.

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.

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

- 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.

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
- Acknowledgement
- Preface
- Outcome Based Education
- Course Outcomes
- Guidelines for Teachers
- Guidelines for Students
- Abbreviations and Symbols
- List of Figures
- List of Tables
- Introduction to Thermodynamics
- Heat Transfer & Thermal Power Plant.
- Steam Turbines, IC Engines and Refrigeration
- Materials and Manufacturing Processes
- Machine Tools and Machining Processes
- References for Further Learning
- CO and PO Attainment Table
- Index

Author

Dharmendra Singh

Dr. Dharmendra Singh Assistant Professor, Department of Mechanical Engineering, Govt. Engineering College Bikaner, Rajasthan, India Dr.

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

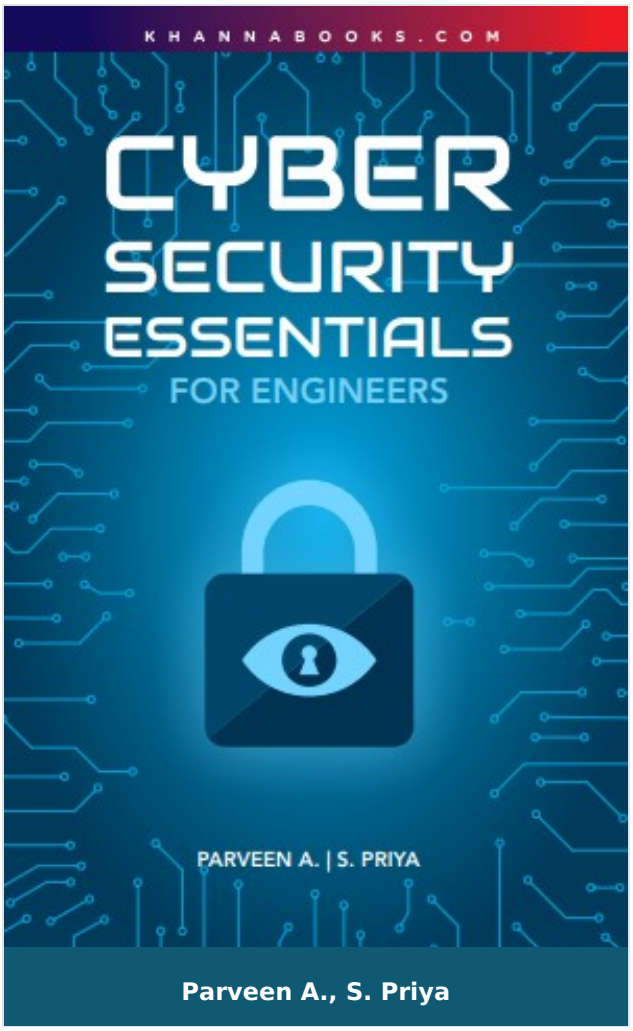
Chandra Shekhar Rajoria

Dr. Chandra Shekhar Rajoria Assistant Professor, Department of Mechanical Engineering, Govt. Engineering College, Bikaner, Rajasthan, 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



Parveen A., S. Priya

Cyber Security Essentials For Engineers

Author :	Parveen A., S. Priya
ISBN 13 :	978-93-55388-52-0
ISBN 10 :	9355388527
E-ISBN 13 :	978-93-55388-52-0
Edition :	First
Pages :	72
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 148.00
Categories :	New Arrivals, Bookstore, Sathyabama Series
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

Cyber Security Essentials For Engineers

In today's interconnected world, security is not an add-on; it is an essential engineering discipline. Cybersecurity Essentials for Engineers is the practical, hands-on guide built specifically for engineers, developers, and IT professionals who need to do more than define security—they need to build it.

This book provides a robust foundation, starting with the core security principles: Confidentiality, Integrity, and Availability (CIA Triad), supplemented by critical mechanisms like Authentication and Non-repudiation. It then dives into the technical details of securing communications, exploring the evolution of protocols like SSL/TLS, WPA2, S/MIME, and PGP.

Moving beyond theory, the text focuses on real-world implementation, teaching you to analyze cipher suite negotiations, identify potential attack vectors, and navigate the crucial trade-offs between security and system performance. Packed with practical insights, ethical hacking exercises, and case studies, this resource ensures you are equipped to design, implement, and maintain truly resilient digital systems.

Salient Features:

- **Engineering-Centric Foundation**: Master the CIA Triad (Confidentiality, Integrity, Availability) and the importance of robust Authentication and Non-repudiation mechanisms.
- **Protocol Mastery**: Detailed examination of secure communication protocols, tracing their evolution from early standards (SHTTP, WEP, SET) to modern essentials (SSL/TLS, WPA, WPA2).
- **Secure Email and Trust Models**: In-depth coverage of S/MIME, PEM, and PGP, contrasting the PKI and Web of Trust models and addressing key management

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

challenges.

- **Practical Attack Analysis**: Learn through packet analysis and ethical hacking exercises to understand implementation details and uncover real-world vulnerabilities.
- **Performance vs. Security**: Explore the critical trade-offs between high security, performance, and usability in system design.
- **Dispelling Myths**: Directly addresses and corrects common security misconceptions, such as "encryption alone guarantees security" or "hiding the SSID is enough."
- **Best Practices**: Emphasizes the need for strong passwords/passphrases and the continuous imperative to stay current with emerging threats and protocol updates.

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

- Preface
- Introduction to Cybersecurity
- Cybersecurity – Threats & Attacks
- Security Tools & Technologies
- Cryptography
- Protocols for Secure Communication

Author

Parveen A.

Parveen A. , Associate Professor, Dept of CSE, Sathyabhama Institute of Science and Technology R. Nivedha, Associate Professor, Dept of CSE, Sathyabhama Institute of Science and Technology

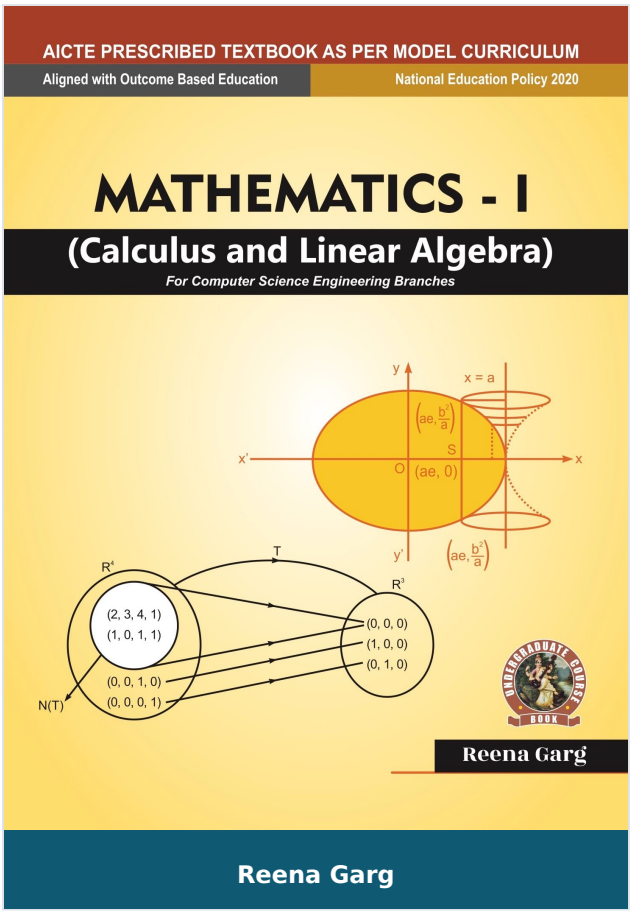
S. Priya

S. Priya Associate Professor, Dept of CSE, Sathyabhama Institute of Science and Technology

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



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

Author :	Reena Garg
ISBN 13 :	978-93-91505-27-1
ISBN 10 :	9391505279
E-ISBN 13 :	978-93-91505-27-1
Edition :	First
Pages :	412
Type of book :	Physical
Year :	2024
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 295.00
Categories :	AICTE Prescribed Textbooks, English Books, Bookstore, Ebooks, Applied Sciences & Humanities
Condition Type :	New
Country Origin :	India

Product Description

Calculus and Linear Algebra cover all the modules prescribed by AICTE model curriculum to all the 1st year CSE students studying in engineering institutions and universities of the country. It serves as both text book /or useful reference work. It contains 5 units which included calculus, Algebra and vector spaces along with their applications. This renowned and well respected title provides in one handy volume with the essential mathematical tools that help in understanding the subject and problem solving techniques with many real life engineering applications. As per trademark of AICTE. This book is in student's 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 access the reader's understanding 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:

1. In depth coverage of all related, essential and mentioned topics as per AICTE in simple presentation with clarity and accuracy.

2. Emphasis on the applications of concepts and theorems.

3. Core concepts are presented through a large number of solved graded model examples in an innovative and lucid manner.

4. A good number of relatively competitive problems are given at the end of each unit in the form of short questions, HOTS, assignments, MCQs and know more for student's practices purpose. Practical /Projects/ Activity also given in each unit for enhancing the student's capability, to increase the feeling of team work.

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

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.

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
- Acknowledgement
- Preface
- Outcome Based Education
- Course Outcomes
- Abbreviations and Symbols
- List of Figures
- Guidelines for Teachers
- Guidelines for Students
- Calculus-I
- Calculus-II
- Matrices
- Vector
- Spaces –I
- Vector Spaces – II
- Index
- CO and Po Attainment Table.

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

Khanna Publishing House

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

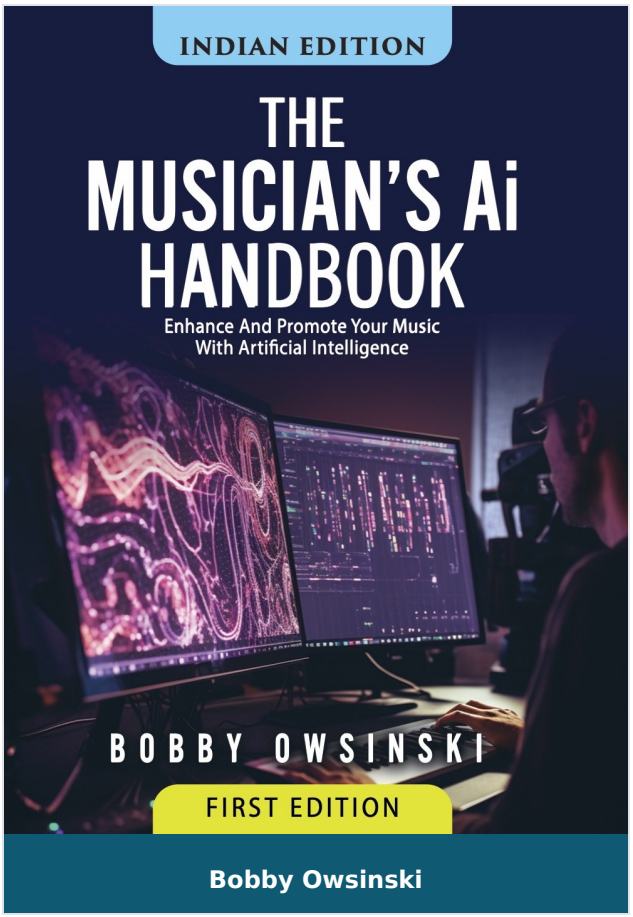
Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

book more valuable for the knowledge seekers.She has published more than 10 research 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.

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



The Musician's Ai Handbook (Indian Edition)

Author :	Bobby Owsinski
ISBN 13 :	978-93-55388-48-3
ISBN 10 :	9355388489
E-ISBN 13 :	978-93-55388-48-3
Edition :	1
Pages :	191
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 698.00
Categories :	Emerging Technologies, Bookstore
Condition Type :	New
Country Origin :	India

Product Description

The Musician’s Ai Handbook is a comprehensive look at how musicians, artists, songwriters, producers, and anyone in the music business can use artificial intelligence as a highly creative tool to generate new ideas and help to promote their music. It’s packed with useful how-to’s to help you get the most out of just about any Ai platform, while showing you skills and fundamentals that won’t become outdated.

Part 1 of the book explains Ai’s buzzwords in a way that anyone can understand then takes a look at the many gray areas of Ai copyright that users must be concerned with.

Part 2 looks at using Ai composition and production platforms to develop new song and lyric ideas, and how the many Ai audio tools and plugins, and the Ai mixing and mastering platforms can lift your songs to a pro level.

Finally, Part 3 covers the latest in Ai graphics and video generation, as well as the best ways to use Ai chatbots for music business and promotion.

Topics include:

. How Ai music generation really works so you’ll know what it can and can’t do

. Why looking closely at Ai copyright can save you from legal problems down the road

. How a well- crafted mega prompt can generate the best Ai results

. How to use AI audio tools for compression, EQ. limiting, reverb, noise reduction, track separation, and song analysis to make your mixes sound more professional

. Everything you wanted to know about virtual singers and voice cloning to take song’s vocals to another level

. Tips for using Ai composition platforms to generate new songs and lyric ideas that you never would have thought of

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

. Getting the most from Ai music video-generation platforms

. How to use Ai image generation to create pro-level graphics and branding

. Why using a chatbot to design music marketing and release plans can save you money

And much more

If you’re worried that Ai will sap your creativity or move too fast for you to keep up, then The Musician’s Ai Handbook will put your mind at ease as it proves that artificial intelligence is just an extremely helpful tool. Follow renowned author, producer and engineer Bobby Owsinski as he takes you through everything you need to know to make Ai the best music friend you’ve ever had.

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

- TABLES OF CONTENTS
- Introduction
- What This Book Is About
- Did I Use Ai to Write This Book?
- PART I
- The Foundation of Ai
- Ai Copyright
- PART II
- Ai Composition
- Ai Music Production Tools
- Ai Audio Tools
- Ai Mixing and Mastering
- PART III
- Ai Graphics Platforms
- Ai Video Platforms
- Ai Marketing Platforms
- The Future of Ai Music
- Glossary
- Ai Music Tools and Services
- About Bobby Owsinski

Author

Bobby Owsinski

Khanna Publishing House

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

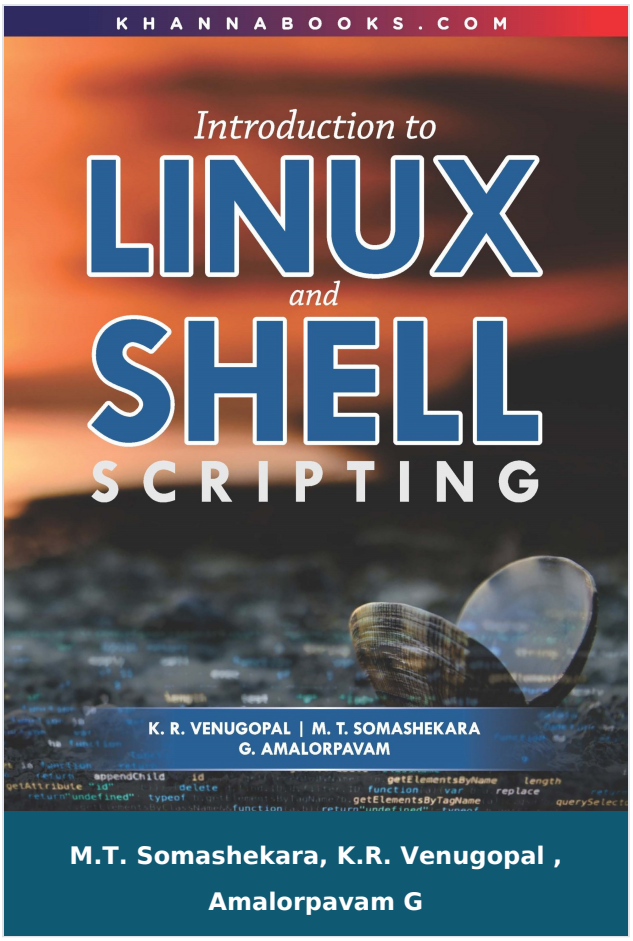
Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

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

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



Introduction to Linux and Shell Scripting

Author :	M.T. Somashekara, K.R. Venugopal , Amalorpavam G
ISBN 13 :	978-81-95123-11-7
ISBN 10 :	8195123112
E-ISBN 13 :	978-81-95123-11-7
Edition :	First
Pages :	470
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 625.00
Categories :	Computer Science Engineering, Bookstore
Condition Type :	New
Country Origin :	India

Product Description

Linux is the most popularly used open-source operating system. Linux Operating system is used in servers, clouds, desktops, laptops, and even in mobiles. Since the usage and popularity of Linux operating systems have increased, the demand for quality and comprehensive Linux Books also has increased. There is a demand for Linux books that are easy to understand, offering more practical examples and covering most of the concepts required for the programmer and the learners. Our book caters to these requirements. A lot of practical examples of all the commands and shell scripts are given. Commands and Shell Scripts are executed using the latest version of Ubuntu Linux. Objective-type questions and solutions are provided at the end of each chapter. We are sure that the readers can enjoy the Linux journey and they will surely gain a grip over the Linux operating system, which in turn provides confidence to them to work with Linux systems and also empowers them to face competitive examinations and interviews. We have focused on students as well as Linux programmers. Our book is easy to understand and more user-friendly. Beginners can follow the book comfortably. We have prepared the table of contents by focusing on most of the reputed universities and autonomous colleges. Our book covers the syllabi of most of Indian universities. It will certainly be useful not only for students of Computer Science and Information Technology but for Linux programmers also.

Salient Features:

1. The book is self-readable, comprehensive and highly informative. It covers the concepts of Linux Operating System and Shell Scripting quite exhaustively.

2. It covers syllabi of B.E., BCA, MCA, BSc of most of the Indian universities. It will certainly be useful not only for students of Computer Science and Information Technology but for the Linux Developers as well.

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

3. It certainly gives the necessary skills to the learners to develop any type of application.

The learns can get the necessary skills to work on Linux Servers.

4. Linux commands are explained systematically. Practical examples are given for each and every command. The commands are executed using the latest version of Ubuntu one of the popular Linux Distro.

5. Detailed information is given about how to use text editors such as vi editor and others.

6. It provides comprehensive coverage of the concepts such as Filters, Awk programming, and Linux Stream Editor.

7. Summary, review questions and MCQs are given abundantly at the end of each chapter to recapitulate the concepts quickly and reinforce learning.

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 Operating Systems and Linux
- Basic Commands in Linux
- Linux File System
- Working with File and Directories
- Linux Text Files
- Managing Files
- Linux Filters
- The Awk Programming an Advanced Filter
- Security
- Linux Shell Programming
- Control Structures in shell Scripts
- Process Management
- Managing Process Execution
- Communication Facility in Linux
- Linux System Administration
- Disk Management in Linux
- Administering Printers
- Solutions to MCQs and True/False Questions
- Bibliography

Author

M.T. Somashekara

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

M.T. Somashekara is with the Department of Computer Science and Applications, Bangalore University, Bengaluru. He has over two decades of teaching experience at both UG and PG levels. He has authored three other books ‘Problem Solving with C’, ‘Object-Oriented Programming with C++’’ and ‘Object-Oriented Programming with JAVA’ published by PHI Learning Private Limited, New Delhi and all of these have seen multiple editions. They have been adopted as textbooks/reference books for UG and PG courses of more than a hundred universities and autonomous colleges in the country. He has also authored a unique motivational and directional book on authoring academic books entitled ‘The Journey – From Being a Reader to Becoming an Author’ brought out by Khanna Publishing House and it is useful for those aspiring to become academic authors as it not only motivates but guides also as to how to go about academic authoring. He has several research papers to his credit in national and international journals. He is a life member of ISTE CSI, ISCA, and IUPRAI. His areas of academic interest include Data Structures, Algorithms, Programming Languages, Operating Systems, and Databases. His areas of research include Image Processing and Pattern Recognition.

K.R. Venugopal

M.T. Somashekara M.T. Somashekara is with the Department of Computer Science and Applications, Bangalore University, Bengaluru. He has over two decades of teaching experience at both UG and PG levels. He has authored three other books ‘Problem Solving with C’, ‘Object-Oriented Programming with C++’’ and ‘Object-Oriented Programming with JAVA’ published by PHI Learning Private Limited, New Delhi and all of these have seen multiple editions. They have been adopted as textbooks/reference books for UG and PG courses of more than a hundred universities and autonomous colleges in the country. He has also authored a unique motivational and directional book on authoring academic books entitled ‘The Journey – From Being a Reader to Becoming an Author’ brought out by Khanna Publishing House and it is useful for those aspiring to become academic authors as it not only motivates but guides also as to how to go about academic authoring. He

has several research papers to his credit in national and international journals. He is a life member of ISTE CSI, ISCA, and IUPRAI. His areas of academic interest include Data Structures, Algorithms, Programming Languages, Operating Systems, and Databases. His areas of research include Image Processing and Pattern Recognition. K.R. Venugopal K.R. Venugopal is the Vice-Chancellor of Bangalore University. He has an illustrious, distinguished, and brilliant academic career with Eleven degrees including two Ph.Ds, one in Economics from Bangalore University and another Ph.D. in Computer Science and Engineering from IIT Madras. He has served UVCE and Bangalore University for over the last four decades. He received his ME degree in Computer Science Engineering from the Indian Institute of Science, Bangalore, Bachelor of Engineering in Electronics and Communications from UVCE and has also obtained degrees in Law, Journalism, Public Relations, Business Finance, Economics, Industrial Relations, and Communications. He was a Post Doctoral Research Scholar and Visiting Professor at the University of Southern California, USA. He has authored and edited 72 books in Economics and Computer Science published more than 1000 papers in refereed International Conferences and Journals and has been credited with 24 patents. He has established two Engineering colleges and two schools in Bangalore. He has awarded Ph.Ds to 30 students and informally guided more than 150 Research Scholars and supervised more than 700 Post Graduate dissertations in Computer Science and Engineering. He received IEEE Fellow and ACM Distinguished Educator award from the USA for his outstanding contributions to Computer Science and Engineering. Amalorpavam G Amalorpavam G. is with the Department of Computer Science, Sambhram Academy of Management Studies, affiliated to Bangalore University, Bengaluru. She did her MCA from Baharathidasan University and M.Phil from Alagappa University, Tamilnadu. She has 19 years of teaching experience. She has many research papers to her credit in national and international journals. Her areas of academic interest include Software Engineering, Programming Languages, Operating Systems, Relational Database Management Systems, Object-Oriented Analysis and Design and Artificial Intelligence. Her areas of research include Image Processing and

Pattern Recognition.

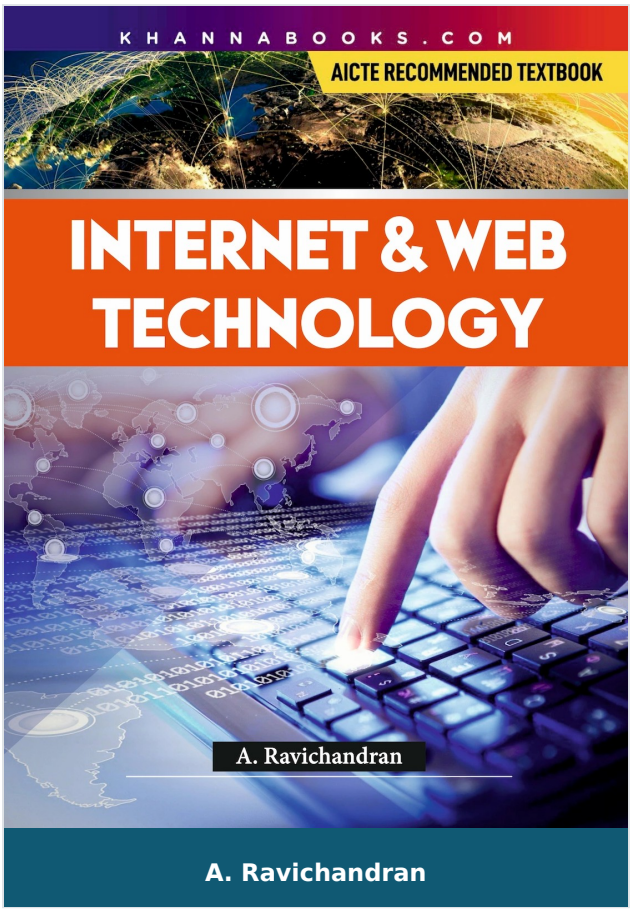
Amalorpavam G

Amalorpavam G. is with the Department of Computer Science, Sambhram Academy of Management Studies, affiliated to Bangalore University, Bengaluru. She did her MCA from Baharathidasan University and M.Phil from Alagappa University, Tamilnadu. She has 19 years of teaching experience. She has many research papers to her credit in national and international journals. Her areas of academic interest include Software Engineering, Programming Languages, Operating Systems, Relational Database Management Systems, Object-Oriented Analysis and Design and Artificial Intelligence. Her areas of research include Image Processing and Pattern Recognition.

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



Internet and Web Technology

Author :	A. Ravichandran
ISBN 13 :	978-93-80016-26-9
ISBN 10 :	9380016263
E-ISBN 13 :	978-93-80016-26-9
Edition :	First
Pages :	448
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 650.00
Categories :	Computer Science Engineering, Bookstore
Condition Type :	New
Country Origin :	India

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 covers all the important aspects of the Web and the Internet, their growth, usage and abilities. Each topic has various practical examples with both text and their outputs. Most of the current topics like JavaBeans, Java Servlets, Java Enterprises, JDBC, etc., are covered in the best possible manner. Each Chapter is interlaced with screenshots wherever needed. At the end of every chapter, you would find Revision, Multiple Choice Questions and Subjective Questions. These would enable you to get a better grasp over 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

- Introduction to Web Development Strategies
- Introduction to HTML
- Cascade Style Sheets (CSS)
- Extensible Markup Language (XML)
- JavaScript
- JavaBeans
- Java Server Pages (JSP)
- JSP Directives and Standard Actions
- Java Servlets
- JDBC (Java Database Connectivity)
- Common Gateway Information (CGI), Practical Extraction and Review Language (PERL)
- RMI, VBScript & COM/DOM
- Active Server Pages (ASP)
- Index

Author

A. Ravichandran

A. Ravichandran He has obtained M.Tech degree in Computer Science & Engineering from IIT. Delhi and Ph.D degree in Computer Science and Engineering from IIT Kanpur. He has been in teaching field since 1983 and now currently guiding: research work on Image processing, Computer vision and Computer Graphics. He has also published 22 technical/research papers in National and International. He is an Sun certified programmer as well as Sun certified trainer by Sun Microsystems.

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