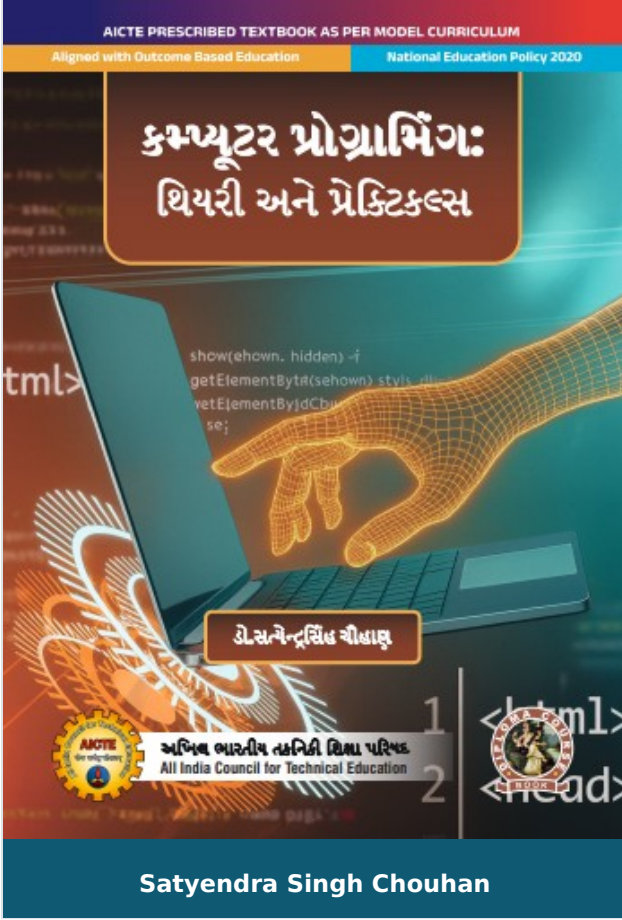




Computer Programming: Theory and Practicals

Author : Satyendra Singh Chouhan

ISBN 13 : 978-93-55384-64-5

ISBN 10 : 9355384645

E-ISBN 13 : 978-93-55384-64-5

Edition : First

Pages : 256

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Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 398.00

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

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Country Origin : India

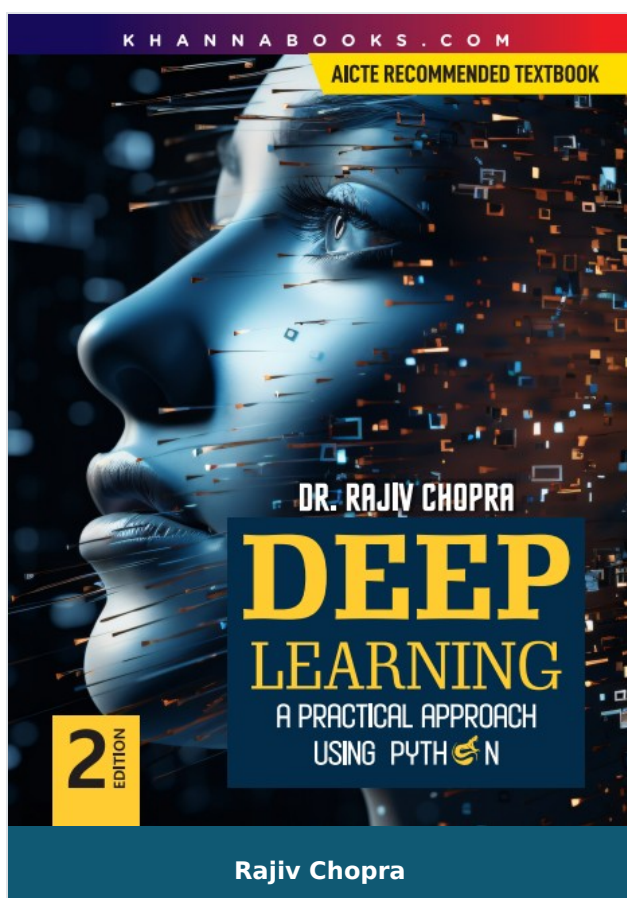
Product Description

Computer Programming: Theory and Practicals

Author

Satyendra Singh Chouhan

Dr. Satyendra Singh Chouhan Assistant Professor, Department of Computer Science and Engineering



Deep Learning

Author :	Rajiv Chopra
ISBN 13 :	978-93-86173-41-6
ISBN 10 :	9386173417
E-ISBN 13 :	978-93-86173-41-6
Edition :	Second
Pages :	320
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 450.00
Categories :	Computer Science Engineering, Emerging Technologies, Book Store
Condition Type :	New
Country Origin :	India

Product Description

A good book is like a teacher who sits behind the reader and guides him/her accordingly. Deep Learning has been an area of current research. After toiling through the various concepts of Deep Learning, the book slithers around all principles of deep learning. This book highlights in deep the concepts of deep learning so that new projects and researchers can be done. The book serves, both as textbook and as a reference book. Some of the highlights of the book are: Simple Language, Recent Concepts of Machine and Deep Learning explained, MCQ's, Conceptual Short Questions & Answers, Case Studies, Case Tools (like Tensor Flow, H2O etc.)

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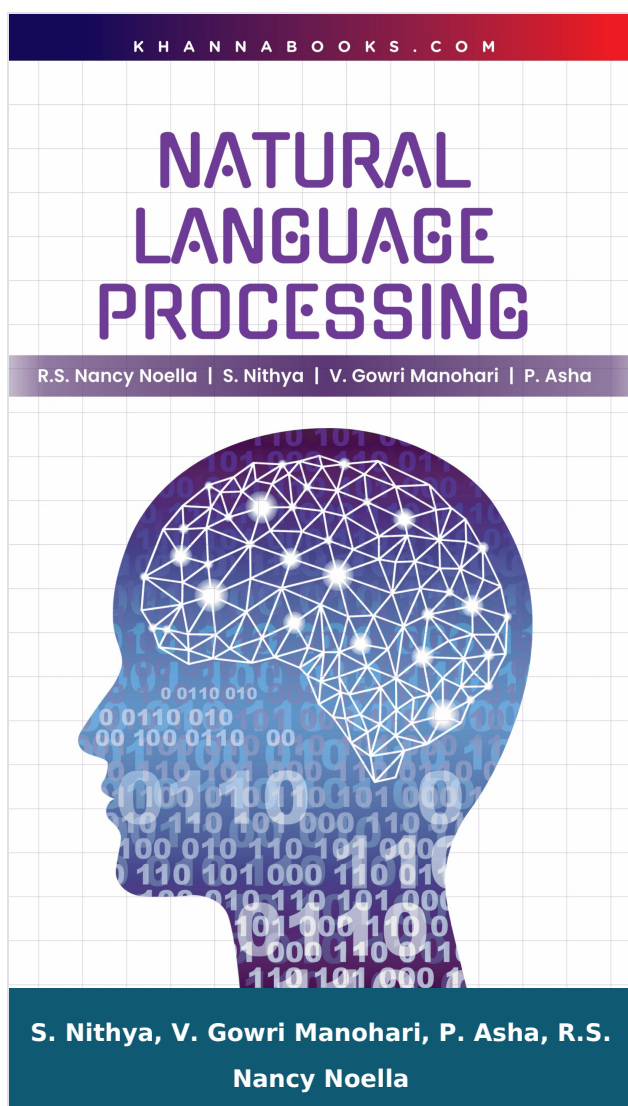
- The Neural Network (Deep Learning)
- Machine Learning Retrospective
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- Deep Learning Optimization
- Convolutional Neural Networks
- Sequence Analysis
- Practical Deep Learning
- Applications of Deep Learning
- Deep Learning Survey
- Appendix A : Glossary
- Appendix B : Model Question Papers
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Author

Rajiv Chopra

Dr. Rajiv Chopra has a Doctorate in Computer Science from Banasthali VidyaPith University. The author is M. Tech. in Information Technology from GGSIPU, Delhi. He did BE (CSE) from SDM College of Engg. and Technology, Dharwad and MIT from MAHE. He is working as an Associate Professor in CSE Department at Guru Tegh Bahadur Institute of Information Technology, GGSIPU Delhi. As an educator he has contributed to 21 research publications in Refereed, cited International Conferences and International Journals and

attended 21 conferences, workshops, FDPs and seminars. He is a prolific author with 26 Text and Reference books to his credit, for B. Tech. (CSE/IT), M. Tech. (CSE/IT), BCA, MCA and other courses of different Universities of India.



Natural Language Processing

Author : S. Nithya, V. Gowri Manohari, P. Asha, R.S. Nancy Noella

ISBN 13 : 978-93-55384-52-2

ISBN 10 : 9355384521

E-ISBN 13 : 978-93-55384-52-2

Edition : First

Pages : 80

Type of book : Physical

Year : 2026

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 148.00

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

Condition Type : New

Country Origin : India

Product Description

This comprehensive text is an essential guide to the rapidly evolving field of Natural Language Processing (NLP), which sits at the dynamic intersection of linguistics, computer science, and artificial intelligence. The core theme is mastering the ability for computers to understand, interpret, and generate human language, a capability that powers modern AI applications from virtual assistants and machine translation to sentiment analysis and chatbots.

Designed to be a balanced and holistic resource, the book successfully bridges the critical gap between theoretical foundations and practical implementation. It systematically covers fundamental concepts like text preprocessing, tokenization, and language modeling, ensuring readers build a strong conceptual base. The practical value lies in its commitment to demystifying complex concepts, providing readers with the necessary tools to build, optimize, and deploy robust NLP systems effectively.

The text offers in-depth coverage of state-of-the-art architectures like transformers, BERT, and GPT, complemented by practical, hands-on examples using industry-standard frameworks such as PyTorch, TensorFlow, and Hugging Face. Furthermore, it extensively covers the entire phases of NLP—from lexical and syntactic processing to semantic interpretation and discourse analysis—ensuring a thorough understanding of the whole pipeline. The primary audience for this text is students seeking foundational knowledge, researchers looking to refine their expertise, and practitioners aiming to implement real-world NLP solutions. It is an indispensable resource for anyone dedicated to exploring and innovating in this exciting and interdisciplinary domain.

Salient Features:

- **Foundational Concepts:** Provides clear explanations of core NLP techniques, including tokenization, embedding, and language modeling, covering the phases of NLP from

lexical to pragmatic analysis.

- **State-of-the-Art Models:** Includes in-depth coverage of current advancements, exploring transformer architectures, BERT, GPT, and other cutting-edge, highly efficient models for language tasks.
- **Hands-on Implementation:** Offers practical, hands-on examples using popular industry frameworks such as PyTorch, TensorFlow, and the Hugging Face library for real-world development.
- **Syntactic-Semantic Pipeline:** Explores the key NLP phases of syntactic parsing and semantic interpretation, including grammar, ambiguity resolution, and the use of Logical Forms.
- **Context and Discourse:** Dedicated coverage of World Knowledge and Discourse Structure, including knowledge representation techniques and the analysis of coherence and reference resolution.
- **Real-World Applications:** Features case studies and projects demonstrating the practical deployment of NLP in industry, covering applications like machine translation and sentiment analysis.
- **Parsing & Grammar:** Delves into advanced parsing techniques, including Probabilistic Parsing, Feature Structures, Augmented Grammars, and the Symbolic Approach to computation.

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- Introduction to NLP
- Syntactic Processing
- Semantic Interpretation
- Context and World Knowledge
- Natural Language Discourse Structure

Author

S. Nithya

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

V. Gowri Manohari

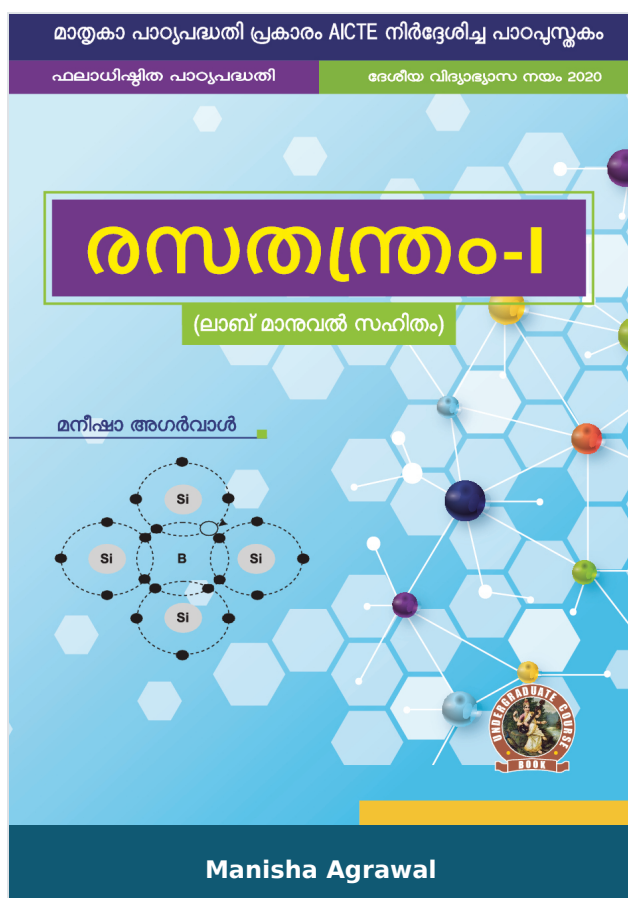
V. Gowri Manohari Associate Professor, Dept of CSE, Sathyabhama Institute of Science and Technology

P. Asha

P. Asha

R.S. Nancy Noella

Nancy Noella R. S. S. Nithya Gowri Manohari V P. Asha



Chemistry-I (with Lab Manual)

Author :	Manisha Agrawal
ISBN 13 :	978-93-55381-39-2
ISBN 10 :	9355381395
E-ISBN 13 :	978-93-55381-39-2
Edition :	1
Pages :	288
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Publisher :	Khanna Publishing House
M.R.P :	Rs 295.00
Categories :	AICTE Prescribed Textbooks, Book Store, Ebooks, Malayalam Books
Condition Type :	New
Country Origin :	India

Product Description

“Chemistry-I” is a compulsory paper for the first year Undergraduate 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.

Book covers seven topics- Atomic and molecular structure, Spectroscopic Technique and applications, Inter-molecular Forces and Potential Energy Surfaces, Use of Free Energy in Chemical Equilibrium, Periodic Properties, Stereo-chemistry, Organic Reactions and Synthesis of Drug Molecules. Each topic is written in easy and lucid manner. Every chapter contains a set of exercise at the end of each unit to test student's comprehension.

Salient Features:

Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes and Unit Outcomes. Book Provides lots of recent information, interesting facts, QR Code for E-resources, QR Code for use of ICT, Projects group discussion etc. Students and teacher centric subject materials included in book with balanced and chronological manner. Figures, tables, chemical equations and comparative charts are inserted to improve clarity of the topics. 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.

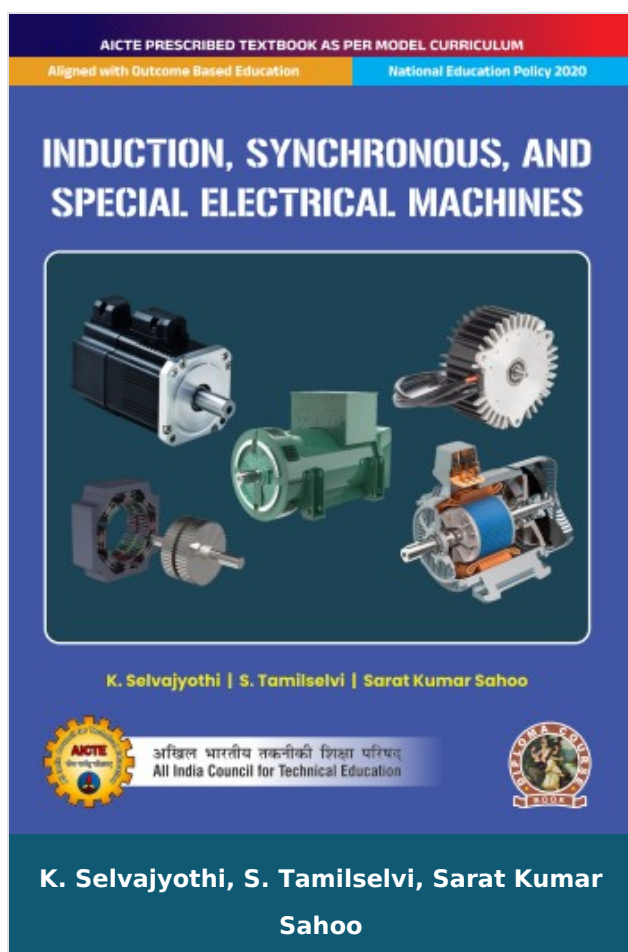
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- Intermolecular Forces and Potential Energy Surfaces.
- Use of Free. Energy in Chemical Equilibria
- Periodic Properties.
- Stereochemistry and Organic Reactions.
- Organic Reactions Synthesis of Drug Molecules.
- Annexure.
- Appendices.

Author

Manisha Agrawal

Manisha Agrawal Dr. Manisha Agarwal is Dean, Basic Sciences at Chhattisgarh Swami Vivekanand Technical University Bhilai. Professor and head, Department of Chemistry at Rungta College of Engineering & Technology, Bhilai, (C.G.). She completed Ph. D. from Pt. Ravishankar Shukla University, Raipur in 1999. Since then she has been engaged in teaching and research. Dr. Manisha has authored several papers which have been published in SCI indexed International and National journals. She has organised more than 10 Conferences and workshops as convener among them four were International Conferences. She has credited five books as author, three patents as inventor and applicant and six Research Project Grants as Principal Investigator from Government Funding agencies like AICTE, CCOST and CSVTU. She has supervised 5 M. Phil. Students, 12 BE and Diploma students. Presently 6 research scholars are perusing Ph. D. under her supervision.



Induction, Synchronous, and Special Electrical Machines

Author : K. Selvajyothi, S. Tamilselvi, Sarat Kumar Sahoo

ISBN 13 : 978-93-55386-13-7

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E-ISBN 13 : 978-93-55386-13-7

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

Condition Type : New

Country Origin : India

Product Description

Induction, Synchronous, and Special Electrical Machines

This book, “induction, Synchronous, and special Electrical Machines” is crafted with a primary focus on the comprehensive understanding of electrical machines, catering to the needs of diploma students in electrical and electronics engineering. Whether you are a student embarking on your academic journey, an instructor guiding aspiring minds, or a practitioner in the field, this book aims to be your reliable companion.

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

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- Three- Phase Induction Motor- T-N Characteristics
- Three- Phase Induction Motor -Starting and Speed Control
- Single-Phase Induction Motors
- Three Phase Alternator – Working and Construction
- Three Phase Alternator – Voltage Regulation
- Synchronous Motor
- Fractional Horsepower (FHP) Motors – Working and Construction
- Appendices
- References For Further Learning
- CO And PO Attainment Table
- Index

Author

K. Selvajyothi

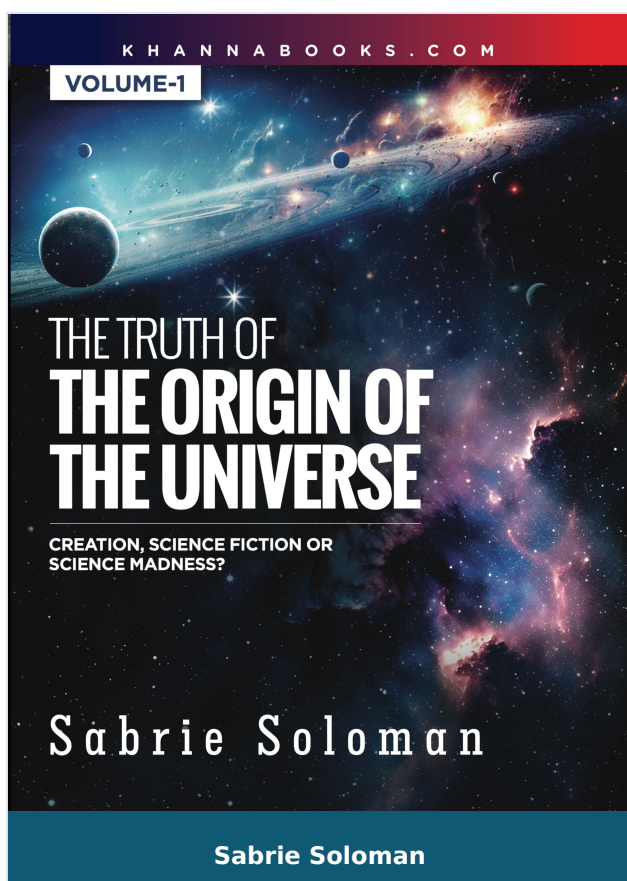
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S. Tamilselvi

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

Sarat Kumar Sahoo

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The Truth of The Origin of The Universe (Creation, Science Fiction or Science Madness?) Volume-1

Author :	Sabrie Soloman
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Pages :	312
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Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 749.00
Categories :	New Arrivals, Book Store, Science & Cosmology
Condition Type :	New
Country Origin :	India

Product Description

How Did the Universe Come To existence?

The debate between creationism and scientific theories of the origin of the universe has been an ongoing and contentious one. On one side, we have the belief in a divine Creator who is responsible for the creation of the world in six days, as described in the Bible. On the other side, we have scientific theories such as the Big Bang, which posits that the universe began with a massive explosion around 13.8 billion years ago.

For those who adhere to the belief in a creator, the concept of a six-day creation holds immense significance. This belief is rooted in faith and is a fundamental tenet of many religious traditions. The idea that a higher power carefully constructed the universe, day by day, is a source of comfort and meaning for many people. Some may argue that the Big Bang theory is nothing more than science fiction or science madness, dismissing it as a fanciful and unsubstantiated idea.

Chapter covered in This Book:

1. The Universe.
2. Something Came Out of Nothing.
3. The Mystery of Gravity.
4. The Evolution of the Big-Bang.
5. The Hypothesis of Multiverse.
6. The hypothesis of Multiverse.
7. The Mystery of Our Unique Earth.

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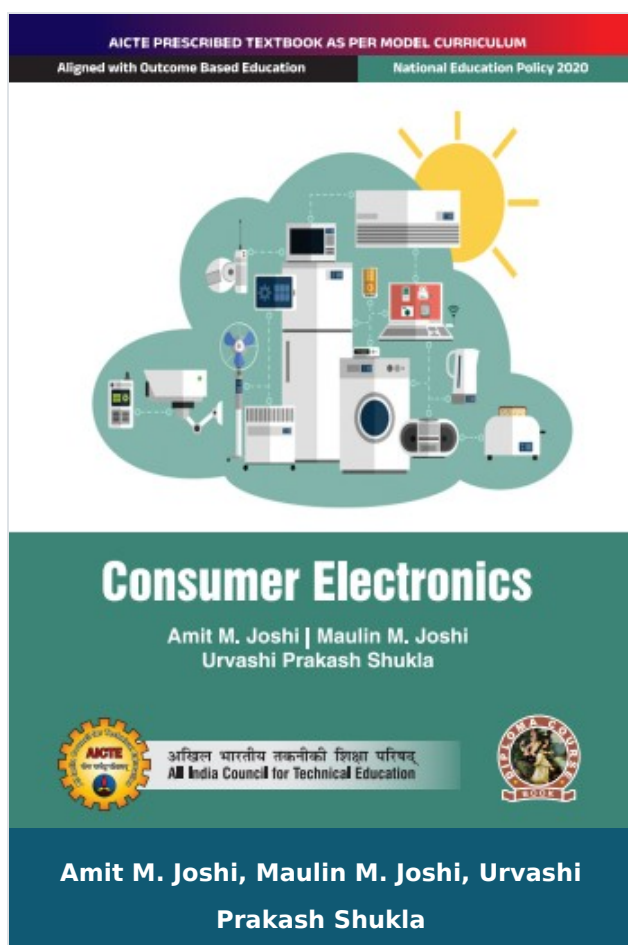
- Dedication
- Foreword
- Preface
- Acknowledgements
- About the Author
- Introduction
- The Universe
- The Evolution of the “BIG BAND”
- The Origin of the Universe
- The Hypothesis of Multiverse
- The Mystery of Gravity
- The Mystery of our Unique Earth

Author

Sabrie Soloman

Dr. Sabrie Soloman, Ph.D., Sc.D., MBA, PE - He is the Chairman & CEO of American SensoR x, In, USA; Founder of Advanced Manufacturing Post Graduate Studies at Columbia University, USA; Professor of Advanced Technology at Columbia, where he lectures on Sensors & Control Systems in Manufacturing, Affordable Automation, Computer Integrated Manufacturing (CIM), Flexible Manufacturing System (FMS), Design for Manufacturability, Introduction to Electromechanical Engineering, Modern Welding Technology, and 3D Printing/Bioprinting Technology. Dr. Soloman authored numbers of technical books published and translated worldwide: Sensors Handbook (2nd edition), Sensors and Control Systems in Manufacturing (2nd edition), Affordable Automation,

Introduction to Electromechanical Engineering, Modern Welding Technology, to name a few. Dr. Soloman holds numerous Patents, Technical Awards, and several US Product Registrations. He is a Fellow of the Society of Manufacturing Engineers. USA. The Royal Society of Manufacturing Engineers (England), and L'Ores Des Ingenieurs Du Quebec (Canada), He received several awards from the American Society of Mechanical Engineers (ASME), the Society of Manufacturing Engineers (SME), and the American Management Association (AMA). Dr. Soloman is considered an international authority on advanced manufacturing technology, robotics, biomedical engineering, pharmaceuticals, and automation in the microelectronic, automotive, beef, pork, poultry industries. He has been and continues to be instrumental in developing and implementing several industrial and modernization programs through the United Nation to European, Asian, and African countries. He is the first to introduce and implement unmanned flexible synchronous/asynchronous manufacturing systems the microelectronic and meat industries, and the first to incorporate advanced vision technology in a wide array of robot/micro-robot manipulators. Dr. Soloman was selected to deliver the US Presidential closing address, "Innovative Remote Sensors Technologies," at the Universal Design Conference, New York, USA



Consumer Electronics

Author : Amit M. Joshi, Maulin M. Joshi,
Urvashi Prakash Shukla

ISBN 13 : 978-93-55383-50-1

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M.R.P : Rs 298.00

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

Condition Type : New

Country Origin : India

Product Description

Consumer Electronics

This text book on consumer Electronics provides foundation of the subject to the reader. it familiarizes readers to important basic technical concepts of audio, video and consumer electronics devices used in daily affairs. The main concepts of this boo is aligned with model curriculum of AICTE followed by concept of outcome-based education as per 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.
- 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.

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- Acknowledgement
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- List of Figures
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- Audio Systems
- Television Systems
- Television Receivers and Video Systems
- Home/Office Appliances
- Digital Electronic Systems
- References for Further Learning
- CO and PO Attainment Table
- Index

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Maulin M. Joshi

Dr. Maulin M. Joshi Assistant Professor, Banasthali Vidyapith, Newai Dr.

Urvashi Prakash Shukla

Dr. Urvashi Prakash Shukla Assistant Professor, Banasthali Vidyapith, Newai



Smarter City

Author : Bala Sai Gayathri, G. Anbu Selvi,
R. Nivedha

ISBN 13 : 978-93-55385-23-9

ISBN 10 : 9355385234

E-ISBN 13 : 978-93-55385-23-9

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Pages : 72

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Year : 2025

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 148.00

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

Condition Type : New

Country Origin : India

Product Description

Smarter City

The concept of the Smarter City represents the future of urban living—a paradigm where technology, data, and interconnected infrastructure converge to enhance sustainability, efficiency, and the quality of life for citizens.

Smarter City provides an essential roadmap for understanding this complex evolution. It begins by laying the foundational pillars, exploring the convergence of IoT (Internet of Things), Cloud Computing, and Big Data as the technological engine of urban transformation. The book moves beyond theory to detail practical, real-world use cases, such as Connected Street Lighting that improves energy efficiency, Smart Traffic Control that dynamically reduces congestion, and Connected Environmental Monitoring systems that track air and water quality in real time.

This text is vital for urban planners, engineers, policymakers, and technologists seeking to grasp the architecture, implementation, and long-term impact of smart city initiatives. It is the definitive guide to building a truly intelligent, resilient, and sustainable urban future.

Salient Features:

- **Foundational Technology:** Deep dive into the core technologies enabling smart cities: IoT (Internet of Things), Cloud Computing, and Big Data Analytics.
- **Key Pillars of Smart Cities:** Comprehensive coverage of the main components, including Smart Governance, Smart Economy, Smart Mobility, Smart Environment, Smart People, and Smart Living.
- **IoT Architecture and Sensors:** Detailed explanation of the IoT architectural layers (Perception, Network, Application) and the role of various sensors (temperature,

humidity, air quality) in data collection.

- **Practical Use Cases:** Real-world examples of successful smart city deployment, including:
 1. Connected Street Lighting for energy saving and remote monitoring.
 2. Smart Traffic Control for dynamic signal adjustment and congestion reduction.
 3. Connected Environmental Monitoring for air quality tracking and pollution detection.
- **Cloud and Data Integration:** Analysis of how Cloud Platforms provide the necessary infrastructure for scalable data storage and how Big Data Analytics translates raw sensor data into actionable insights for city management.
- **Citizen-Centric Design:** Emphasis on how smart city initiatives directly benefit citizens by enhancing public safety, reducing commute times, and improving environmental sustainability.

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- Preface
- Introduction to Smart Urban Infrastructures and Smart Cities
- Smart Urban Energy Systems
- Smart Urban Transportation Systems
- Smarter City Management and Smarter Human Services
- Smarter City and IoT

Author

Bala Sai Gayathri

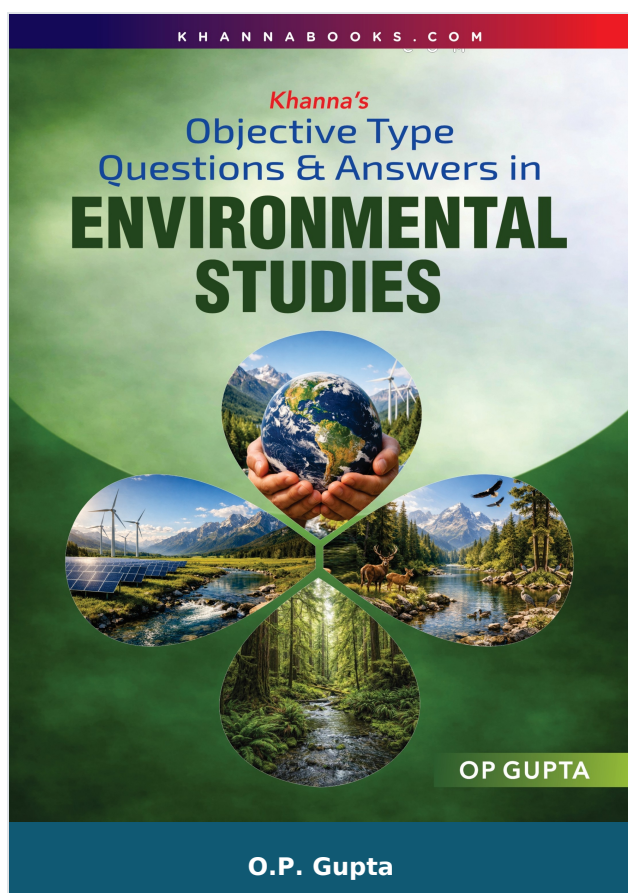
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R. Nivedha

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



Khanna's Objective Type Questions & Answers in Environmental Studies

Author :	O.P. Gupta
ISBN 13 :	978-93-74545-90-4
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E-ISBN 13 :	978-93-74545-90-4
Edition :	First
Pages :	308
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 398.00
Categories :	OBJECTIVE TYPE BOOKS, New Arrivals, Environmental Engineering, Book Store
Condition Type :	New
Country Origin :	India

Product Description

Objective Type Questions and Answers in Environmental Studies by Om Prakash Gupta is a meticulously structured academic guide designed to simplify the complexities of environmental science. This comprehensive resource serves as a vital tool for students and professionals navigating the interdisciplinary nature of ecology, pollution control, and sustainable development. By blending fundamental concepts with a rigorous examination framework, the book provides readers with the clarity needed to understand human-environment interactions and the critical challenges facing our planet today.

The book's primary objective is to foster environmental consciousness and ethics through a diverse range of assessment styles. It is specifically tailored to meet the curricular requirements of degree, postgraduate, and diploma students across various engineering branches. Additionally, it serves as an essential reference for candidates preparing for professional associate membership examinations, such as AMIE, AMIIM, and AMIChE, as well as B.Sc. and M.Sc. students. With its systematic approach and practical focus, the book bridges the gap between academic theory and real-world environmental management.

Salient Features

- **Dual-Section Assessment Model:** The text is strategically divided into objective-type questions and short-answer formats to cater to different examination patterns and learning styles.
- **Multidisciplinary Scope:** It covers a wide range of topics, including ecology, ecosystem dynamics, biodiversity, and the socio-economic impacts of industrialization and urbanization.
- **Sustainable Development Focus:** A significant emphasis is placed on sustainable practices, exploring the balance between economic growth and the preservation of

natural resources for future generations.

- **Environmental Impact Tools:** The book provides detailed insights into critical regulatory and assessment tools, such as Environmental Impact Assessment (EIA), essential for modern engineering and policy-making.
- **Biodiversity and Conservation:** Readers gain an in-depth understanding of genetic, species, and ecosystem diversity, alongside the legislative frameworks designed for wildlife and forest protection.
- **Human-Centric Challenges:** The content addresses pressing human issues, including population explosion, family welfare programs, and the health impacts of environmental pollutants like heavy metals and pesticides.
- **Comprehensive Technical Glossary:** A specialized glossary is included to define complex terminology in environmental science and renewable energy, ensuring students master the professional vocabulary of the field.
- **Practical Problem Solving:** Through its diverse Q&A format, the book encourages the application of engineering interventions for environmental protection, such as flood control and waste management.

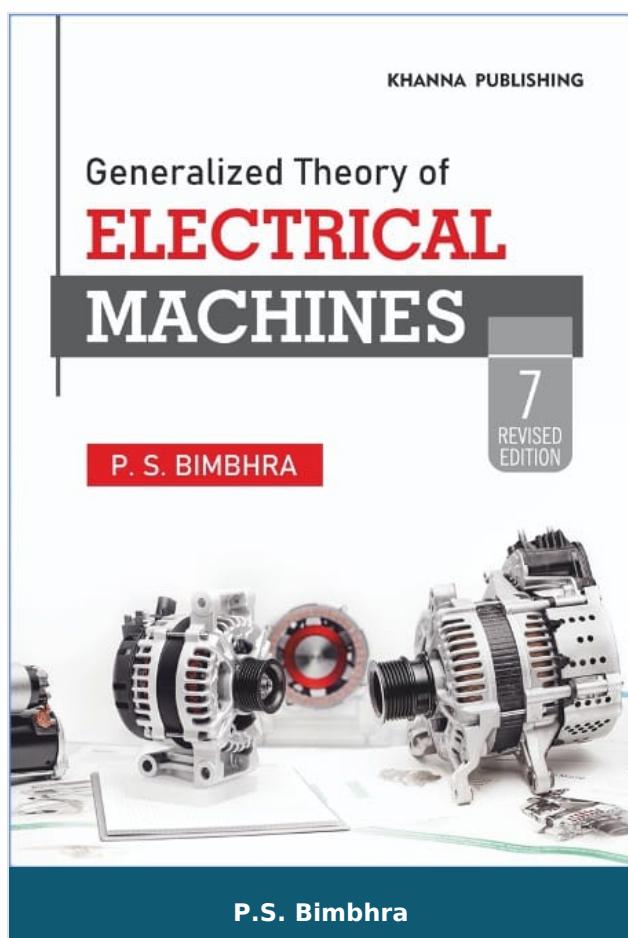
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- SECTION A: Objective Type Questions
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Author

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.



Generalized Theory of Electrical Machines

Author :	P.S. Bimbhra
ISBN 13 :	978-93-91505-08-0
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Categories :	Electrical, Electronics & Communication Engineering, Book Store, Best Sellers
Condition Type :	New
Country Origin :	India

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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 textbook “Generalized Theory of Electrical Machines” is based on the latest syllabus of the Universities and Educational Institutes. In this edition, some materials of the book has been rewritten so as to make the presentation easily comprehensible. More illustrative examples mainly from IAS, IES and GATE and other competitive examinations have been added and problems material with answers, at the end of each chapter, has been considerably enlarged.

Salient Features:

1. Elements of Generalized Theory
2. Linear Transformations in Machines
3. D.C. Machines
4. Polyphase Synchronous Machines
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Author

P.S. Bimbhra

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