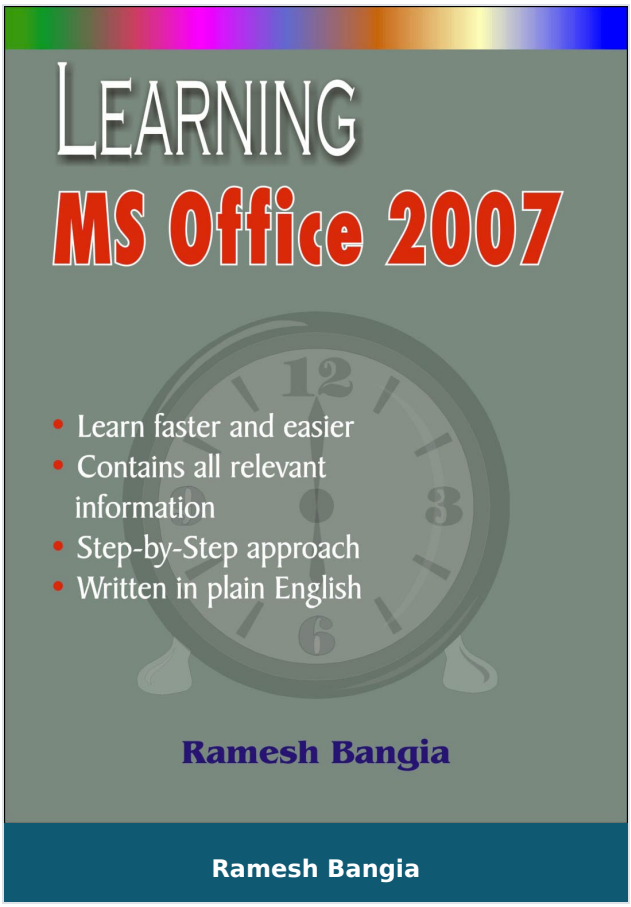


Learning MS Office 2007

Author :	Ramesh Bangia
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ISBN 10 :	8190611674
E-ISBN 13 :	978-81-90611-67-1
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Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 225.00
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.

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- Introduction to Microsoft Word 2007
- Introduction to Microsoft Excel 2007
- Introduction to Microsoft Power Point 2007
- Introduction to Microsoft Access 2007
- Questions

Author

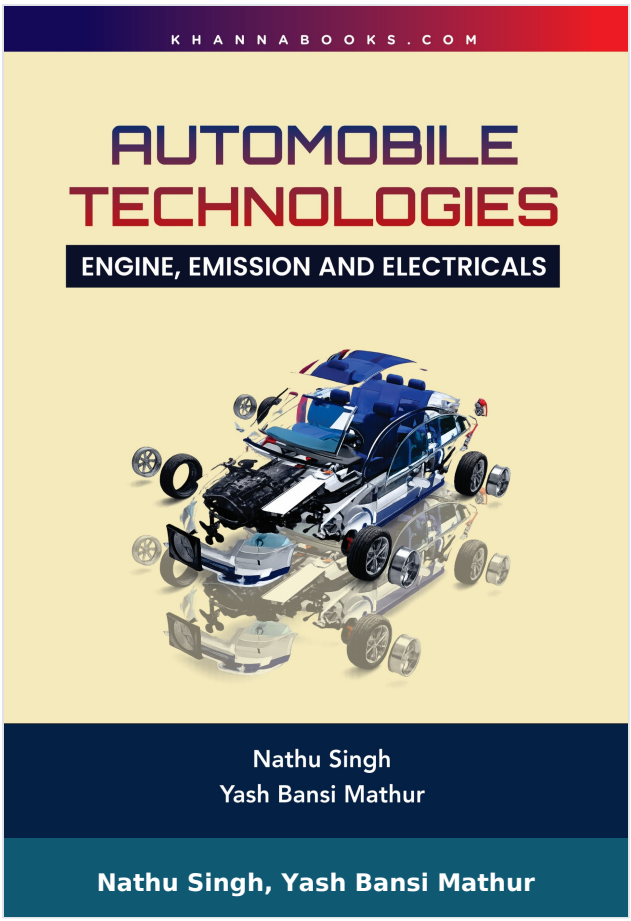
Ramesh Bangia

Ramesh Bangia, has been writing computer books on various topics. He has written books for Schools. Training Institutes, Technical Universities, Distance Education Programs, Colleges and General. His tally of books exceeds 500 in number. Trained both in India and Abroad and having studied at IIT Delhi, he becomes automatic choice for most of the publishers in India. Though based in Delhi, his books are popular all over India and are even exported to Middle Ease and African countries.

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Automobile Technologies (Engine, Emission And Electricals)

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Product Description

Automobile Technologies (Engine, Emission And Electricals)

Automobile Technology-II is a comprehensive and academically rigorous guide designed to provide a deep dive into the advanced mechanical and electrical systems of modern vehicles. Developed in alignment with the latest National Education Policy, this textbook bridges the gap between foundational automotive principles and the rapidly evolving technological trends of the current market. The authors, Nathu Singh and Yash Bansi Mathur, meticulously cover critical areas including advanced engine designs, sophisticated vehicle control mechanisms, and the intricate electrical systems that define contemporary automotive engineering.

The book's primary purpose is to equip readers with both the theoretical knowledge and the practical technical skills necessary for professional competency in the automotive field. By exploring the relationship between heat, work, and gas properties through thermodynamics, and providing detailed breakdowns of components like reciprocating engines and ignition systems, it offers a holistic view of vehicle performance and efficiency. This makes it an essential resource for students of automobile engineering, professional technicians seeking to upgrade their skills, and researchers interested in the latest advancements in fuel economy, emission reduction, and vehicle safety. Whether you are preparing for gainful employment or looking to master complex engine supercharging techniques, this book serves as a definitive roadmap for excellence in automobile technology.

Salient Features:

- **Advanced Thermodynamic Insights**: Detailed exploration of gas laws, standard cycles like Otto and Diesel, and the principles of thermodynamics as they apply to internal combustion engines.

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- **Comprehensive Suspension Mechanics**: In-depth analysis of various suspension types, including leaf springs and shock absorption, focusing on maintaining vehicle stability and load-bearing capacity.
- **Precision Steering Systems**: Extensive coverage of steering gear mechanisms, from manual rack and pinion setups to modern hydraulic and electric power steering (EPS) systems.
- **Specialized Engine Components**: A thorough breakdown of reciprocating and rotating engine parts, including pistons, crankshafts, and the unique working principles of Wankel engines and gas turbines.
- **Cutting-Edge Electrical Systems**: Comprehensive guides to engine starting circuits, digital ignition systems, and modern lighting technologies such as halogen-quartz and sealed beam headlamps.
- **Advanced Induction Techniques**: Dedicated sections on engine supercharging, turbocharging, and scavenging processes aimed at improving engine power and volumetric efficiency.
- **Practical Vehicle Maintenance:** Technical focus on wheel alignment parameters like caster, camber, and toe, alongside common failure diagnostics for automotive air-conditioning systems.
- **Future-Ready Fuel Technologies**: Insightful discussion on the production and application of alternative fuels, such as methanol produced from biomass or solid waste, for sparking ignition engines.

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- : Automobile Engine System -II
- : Automobile Electrical Systems -II
- : Automobile Electrical Equipment -II
- : Alternative Fuel and Emission Control -II

Author

Nathu Singh

Nathu Singh,

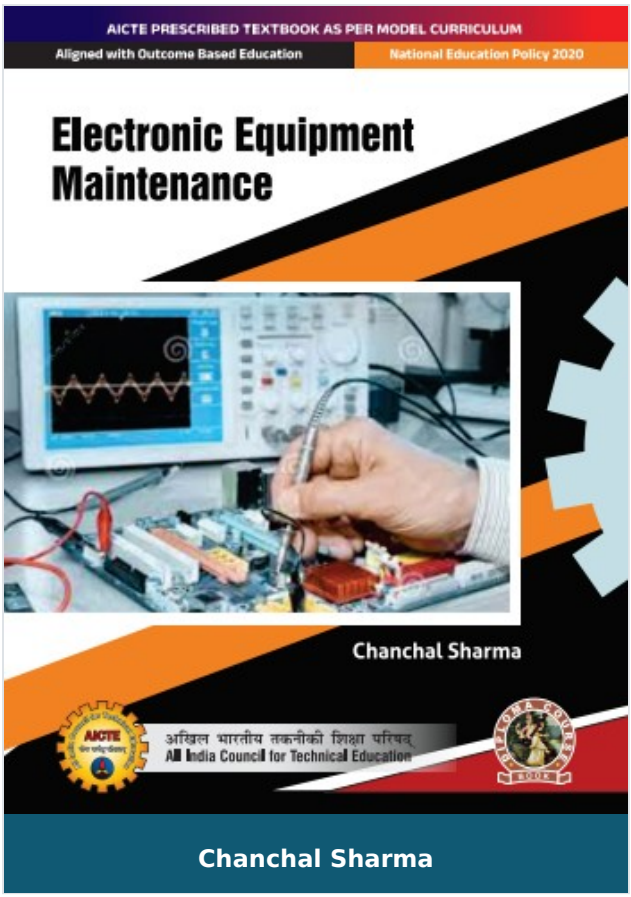
Yash Bansi Mathur

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Electronic Equipment Maintenance

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Product Description

Electronic Equipment Maintenance

The book titled ‘Electronic Equipment Maintenance’ is and outcome-based book. The generation has altered the way electronic products are designed, fabricated, and maintained. For that reason, the personnel and the provider bench must preserve pace with these trends. This book explains about electronic equipment trends and their growing importance of maintenance engineering, and the sector of renovation engineering is increasing quite fast it’s far nicely understood now that the times of troubleshooting a system simplest with an oscilloscope and multimeter and an indistinct idea about the hardware are over. These days, unless engineer have an in-depth service and protection manual and the proper kind of test gadget, most of the system problems can nevertheless be placed with a digital multimeter and oscilloscope if provided with sufficient effort and time. Therefore, the proper check system turns into a need if one has to work with modern-day technology. So, this book gives required knowledge about troubleshooting procedure of an electronic equipment. It explains working and testing procedure of passive component and semiconductor devices, this book comprises the knowledge about repairing technique of surface mount assemblies

This book includes knowledge of electronic device troubleshooting problems, a list of references, and suggested readings that can be used for practice, as well as a large number of multiple choice questions and questions with short and long answers divided into two categories based on the lower and higher orders of Bloom’s taxonomy, it’s worth noting that QR codes, which may be scanned for further information, have been included in various parts that readers can learn more about the themes that interest them. There is a “Know More” section depending on the information that comes after the associated practical.

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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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- IC Testing
- Repairing of Surface Mount Assemblies
- Appendix
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Author

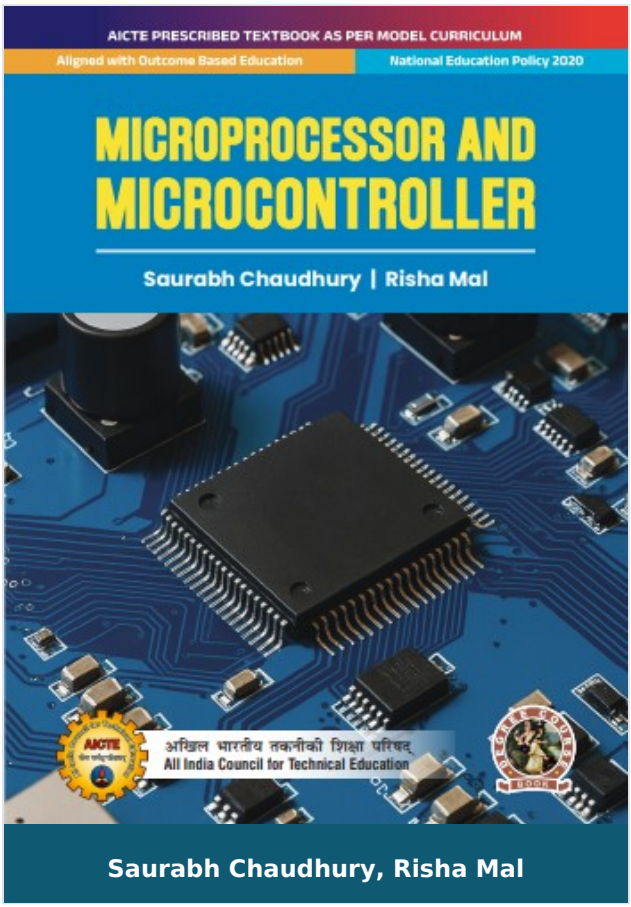
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Microprocessor and Microcontroller

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Product Description

Microprocessor and Microcontroller

This book aims at providing the readers specially, the second-year undergraduate students a thorough knowledge of microprocessors and microcontrollers in a best possible way. Syllabus of this book is as per the AICTE model of curriculum, following National Education Policy, 2020. Each chapter of the book is written in a very lucid manner so as to understand the underlying concepts easily with explanatory examples followed by review questions, exercises and QR codes of online links and other learning resources. The book begins with a brief history on the evolution of computers and processors for making the subject interesting. Further, starting from the very basic microprocessor 8085 and the basic microcontroller 8051, the book gradually progresses towards advanced microprocessors and microcontrollers in the most appropriate manner.

Salient Features:

- Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes and Unit 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.

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- 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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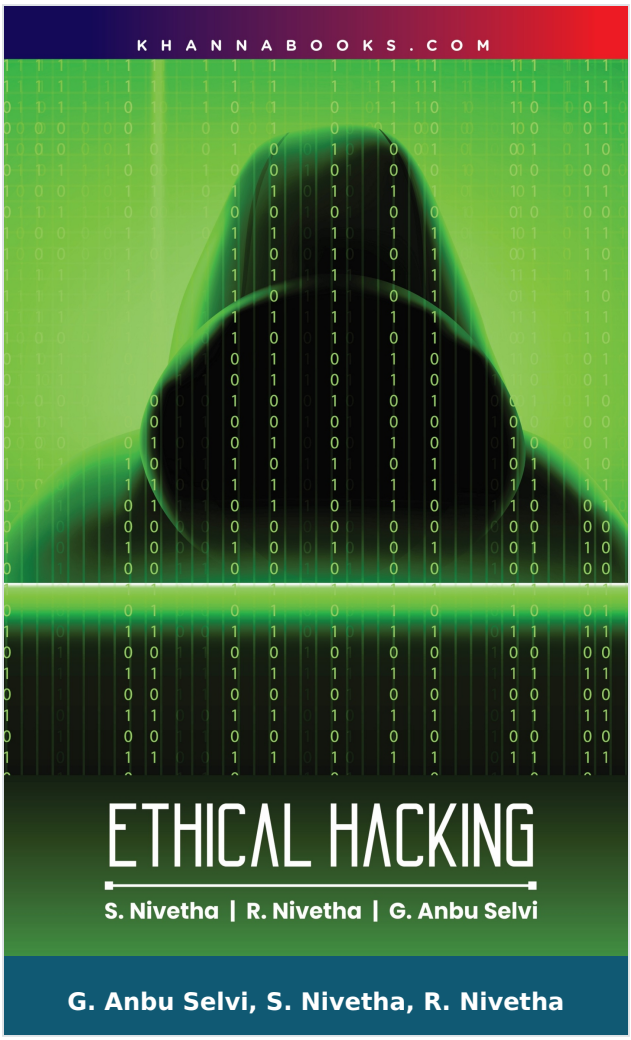
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Ethical Hacking

Author :	G. Anbu Selvi, S. Nivetha, R. Nivetha
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Product Description

In the rapidly evolving digital landscape, where cyber threats are increasing in complexity and frequency, Ethical Hacking stands as an indispensable guide for mastering proactive cybersecurity defense. This book is meticulously designed to introduce readers to the fundamental concepts and practical methodologies of Ethical Hacking and Penetration Testing. It is structured to align with a dedicated cybersecurity curriculum, making it an ideal resource for students in Computer Science and related fields, as well as cybersecurity enthusiasts and IT professionals aiming to enhance their skills.

The core theme of the text is to transform the reader into an authorized "White Hat" hacker, equipping them with the technical expertise and ethical mindset required to fortify digital infrastructures. It achieves this by delving into crucial, real-world topics such as the phases of ethical hacking, detailed penetration testing methodologies, information gathering, enumeration, vulnerability scanning, and network sniffing. Beyond theoretical knowledge, the book emphasizes hands-on experience, featuring practical exercises and case studies that allow readers to apply knowledge in live cybersecurity scenarios.

By exploring various tools and techniques, readers learn to think like security analysts, adopt a proactive approach to cyber threats, and serve as the critical first line of defense in protecting systems and data integrity. This comprehensive guide provides the strong foundation necessary for anyone aspiring to a career as an ethical hacker, penetration tester, or cybersecurity analyst.

Salient Features:

• Structured Pen Testing: Covers the end-to-end methodology, including planning, reconnaissance, discovery, active intrusion, and final analysis for comprehensive security audits.

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• Essential Tool Mastery: Provides practical guidance on using critical industry tools such as Nmap, Nessus Vulnerability Scanner, Wireshark, and Acunetix for hands-on experience.

• Assessment and Mitigation: Details the process of vulnerability assessment and risk assessment, including scoping, scanning, reporting (using CVSS scores), and prioritizing crucial fixes.

• Intelligence and Reconnaissance: Explores both active and passive information gathering (Footprinting) to collect data without direct interaction, forming the blueprint of a target network infrastructure.

• Network Defense Deep Dive: Dedicated coverage of network attacks, including ARP Spoofing, Denial of Service (DoS), DNS/DHCP Spoofing, and how to defend against these crucial vectors.

• Ethical Hacking Mindset: Clearly distinguishes White Hat from Black Hat activities, emphasizing the legal and ethical standards required for authorized penetration testing.

• Practical Case Studies: Includes case studies and practical exercises throughout the units to reinforce learning and ensure readers can apply their technical knowledge in real-life scenarios.

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- Information Gathering
- Enumeration and Port Scanning
- Vulnerability Scanning
- Network Sniffing
- Summary
- Video Resources Link (You tube Videos)

Author

G. Anbu Selvi

G. Anbu Selvi 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. Nivetha

S. Nivetha

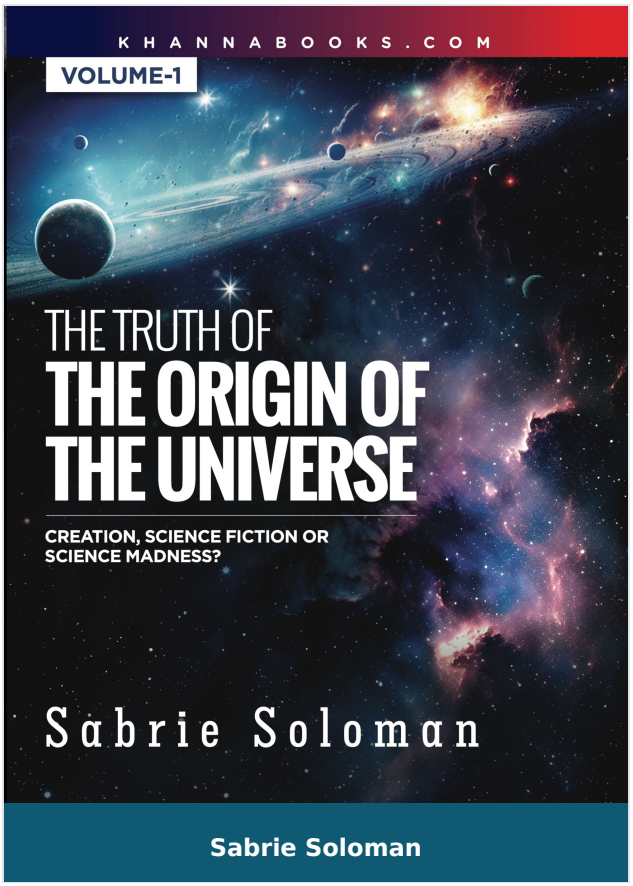
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The Truth of The Origin of The Universe (Creation, Science Fiction or Science Madness?) Volume-1

Author :	Sabrie Soloman
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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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- 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,

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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

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Paper Technology and System Design

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Product Description

Paper Technology and System Design

Salient Features of the book

- Highlights the valuable role of knowledge in papermaking techniques and basic engineering.
- Explores advanced technologies and the lates developments in paper manufacturing.
- Draws from the authors’ hands-on experience in design and operation of paper plants
- Covers the evolution of plant and machinery from the 18th century to the present day.
- Details process parameters and technical know how presented plant wise with block diagrams.

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- Energy Optimization in Pulp and Paper sector
- Laboratory and testing method
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- Project cost Estimate
- Printing Process Ink Paper and Nano Technology

Author

Susanta Kumar

Susanta Kumar De was born in Calcutta. He was qualified B. Sc and Paper Technology from city and guilds London Institute. He was the member of Faculty, paper setter and examiner of paper technology in the printing Engineering Department of Jadavpur University Calcutta from the year 1970 to 2002. He served 27 years in the paper and process department of Development Consultants Private Limited (DCPL) from the year

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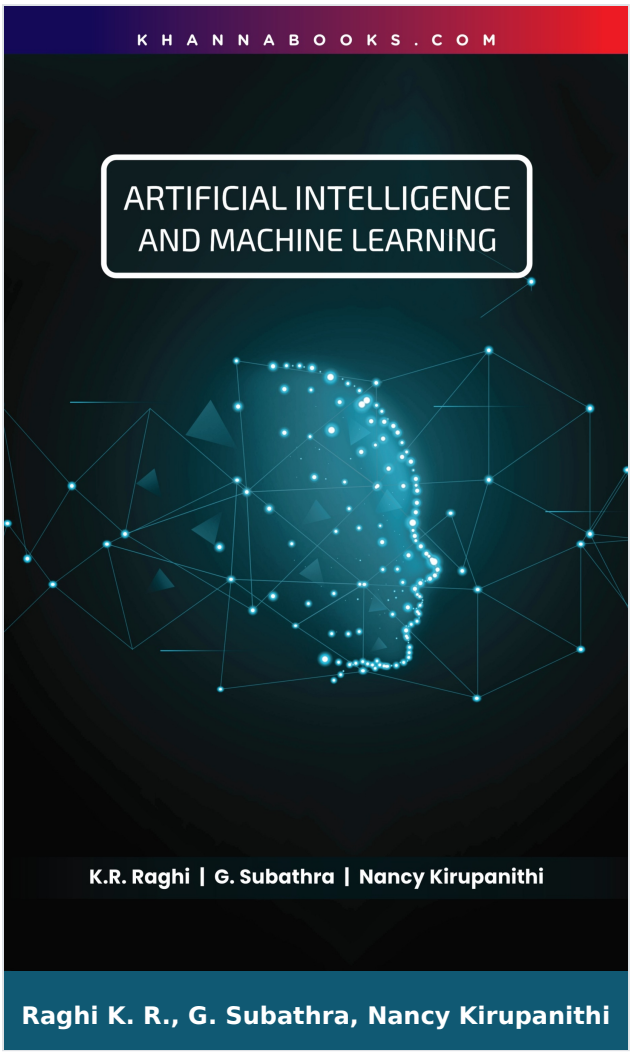
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1970 to 1996. He became Chief Engineer of P & P Cell DCPL and also worked 10 years in different paper mills in India and aboard from the year 1959. His main assignment in DCPL was system design. Basic engineering operation, commission of different paper and board mill including write up techno-economic feasibility reports. He took active part particularly in the department of stock preparation paper machine and finishing department of Kerala Newsprint (250 TPD). Nowgon and Cacher paper mills, (150 TPD each), Century Board Mill, (100 TPD) Egg Tray and Apple Project (30 TPD). During his service in DCPL he was the project co-ordinator of Tribeni Tissue Mill, W.B for Energy Study and Audit. He was deputed to capital pulp and Paper mill Bangladesh from indo German Paper Project as technical advisor for installation of imported tissue machine and MG. Kraft Machine in the Year 1997 to 1999. He was the member of India Technical Association of pulp and Paper and participated various Seminers at the time of his service Period

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Artificial Intelligence and Machine Learning

Author :	Raghi K. R., G. Subathra, Nancy Kirupanithi
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Product Description

Artificial Intelligence and Machine Learning serves as a comprehensive and indispensable guide to two of the 21st century's most transformative fields. Recognizing the remarkable growth of AI and ML, which influences nearly every aspect of modern life—from self-driving cars and virtual assistants to healthcare diagnostics and financial forecasting—this book is designed to provide a structured approach to mastering these complex technologies.

The core purpose of this text is to bridge the gap between theoretical foundations and practical implementations. It begins by establishing the fundamental concepts of Intelligent Agents, their structure, and their decision-making processes, followed by a thorough exploration of uninformed and heuristic search strategies like A* search and optimization methods such as Simulated Annealing. The book then transitions to the heart of learning systems, covering essential Supervised and Unsupervised Learning paradigms, Neural Networks, and techniques to mitigate deep learning challenges like the Vanishing Gradient Problem. Crucially, it dedicates an entire unit to the Design and Analysis of ML Experiments, teaching readers how to validate models rigorously using K-Fold Cross-Validation and statistical tests.

This resource is tailored for a diverse audience, including students, aspiring data scientists, software engineers, and academic researchers, providing the valuable insights necessary to foster innovation and shape the future of intelligent systems. It simplifies daunting topics through easy-to-understand explanations, supplemented by real-world examples and case studies, making AI and ML accessible to all levels of expertise.

Salient Features:

• Intelligent Agent Core: Define the core components and types of intelligent agents (Simple Reflex, Model-Based, Goal-Based, Utility-Based), and analyze their structure and

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decision-making processes.

• Advanced Search Methods: Explore heuristic search (A*) and optimization techniques like Hill Climbing and Simulated Annealing for navigating complex, large-scale problem spaces.

• Learning Paradigms: Detailed coverage of Supervised and Unsupervised Learning, along with the principles of PAC Learning and handling Model Selection and Generalization.

• Deep Network Architectures: A unit dedicated to Neural Networks, explaining Multilayer Perceptrons and addressing deep learning challenges like the Vanishing Gradient Problem with solutions like ReLU and Dropout.

• Optimization Techniques: In-depth exploration of network training using Gradient Descent and Error Backpropagation, covering advanced optimization methods like Stochastic Gradient Descent for efficiency.

• Experimental Design: Essential unit on the rigor of ML development, including guidelines for experiments, K-Fold Cross Validation, Bootstrapping, and using statistical tests for model comparison.

• Real-World Applications: Illustrated examples of ML in practice, including Self-Driving Cars, Healthcare Diagnosis, and Personalized Recommendation Systems, showing technology's transformative impact.

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- Problem Solving
- Introduction to Machine Learning
- Natural Networks
- Design and Analysis of Machine learning Experiments

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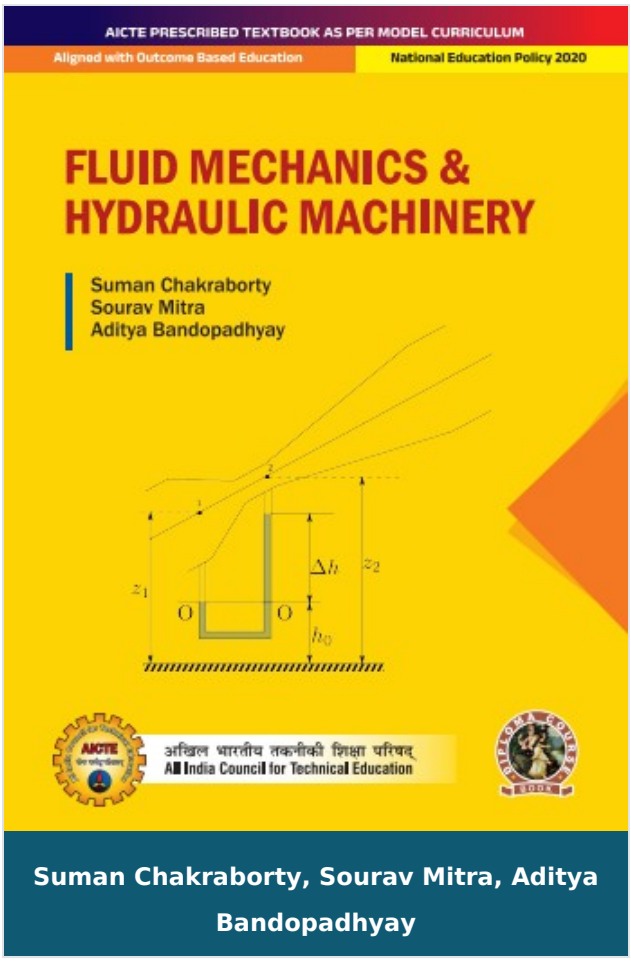
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Fluid Mechanics & Hydraulic Machinery

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Product Description

Fluid Mechanics & Hydraulic Machinery

Fluid mechanics & hydraulic machinery is a fundamental course of mechanical and civil engineering. The course introduces the students with the basic principle and governing equation of the fluid mechanics. The primary objective of this book is to ensure that the students develop strong conceptual basic of the fundamental principles of fluid mechanics and hydraulic machinery and cultivate the ability to apply the concepts to solve complex fluid flow problems.

Salient features:

- Well-designed content material of the book aligning with the mapping of course outcomes, programs Outcomes and unit outcomes.
- Is 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, historical facts and QR code for E-resources to know more about various fluid mechanics concepts.
- Some practical problems are given at the end of the units for students to learn by implementing the fundamental concepts of fluid mechanics.
- Student and teacher centric subject materials have been included in book with balanced content and in chronological manner.
- Numerous solved examples, laying down the mathematical approach towards solving a fluid mechanics or hydraulics machinery problem have book provided have been provided in every unit for the help of the students.
- Multiple choice questions (MCQs) and unsolved numerical problems with varying levels of difficulty have been included at the end of each unit.

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Author

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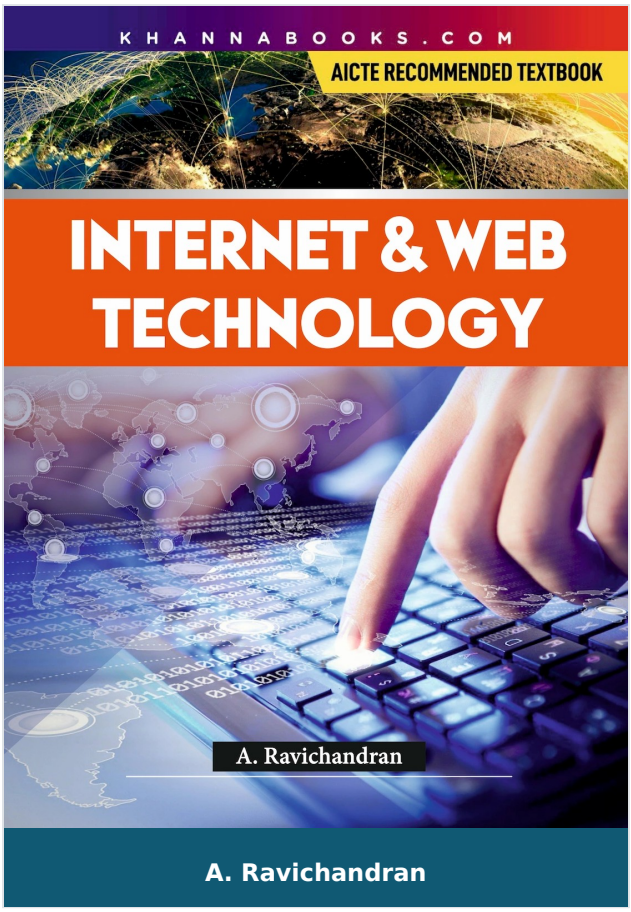
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Internet and Web Technology

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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.

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- Common Gateway Information (CGI), Practical Extraction and Review Language (PERL)
- RMI, VBScript & COM/DOM
- Active Server Pages (ASP)
- Index

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Akshat Srivastava

Warm Loving Medication

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Product Description

Following the suicide of an acquaintance, Abeer was suffering from a cliché case of doomsday syndrome. In a life where all everyone could bring into his life was either medication or addictions.

In this beautiful city with shit stained sidewalks and shit swinging elitism, life felt directionless until a small incident makes him realise he may need the same help he has been trying to extend. While shuffling through multiple therapists, A chance meeting with a woman leads to something far more than he ever imagined. The woman in question was Meera. The woman on the contrary was a being of never-ending optimism in a society full of nihilists.

Would This encounter help Abeer answer some questions which were left unanswered?

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- The Nihilist

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- Birthdays
- Cowards
- Rock Bottom
- Love Hurts. Mental Illness Hurts More
- It’s
- All in Your Head, Akshat
- Each Their Own Agony
- Flights and Therapists

Author

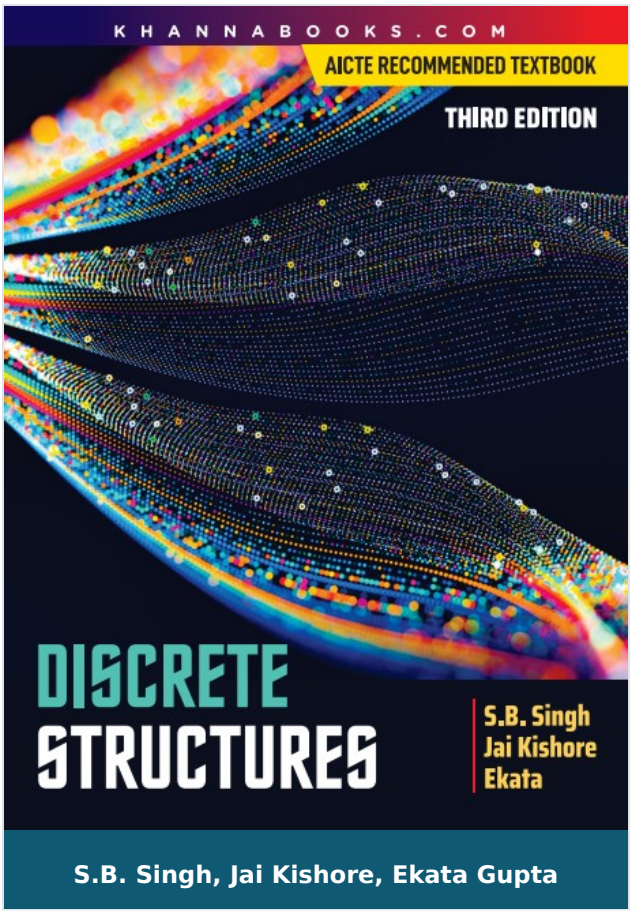
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Discrete Structures

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Product Description

Extremely well organized and lucidly written book with an approach to explain the concepts in communicable languages. Suitable text book for the students of BCA, B. Tech., M.C.A., M.Sc., M Tech., etc.

Each Chapter follows Objective type problems. Around 500 objective type problems (235) Multiple choice questions, 130 Fill in the blanks type, 135 True/False type with their answers to help Students understand very concept.

Around 800 problems of various level of difficulty in exercises to review the understanding and testing the skills of the students after every section.

Around 140 theorems to give better understanding and insights of the concepts.

Topics are followed by figures and tables. In total more than 400 figures and 140 tables are taken to back the understanding of topics.

Chapter includes: Combinatorics, Set Theory, Relations Functions, Group Theory, Rings and Fields, Logic, Lattices, Boolean Algebra, Graph Theory, Automata.

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