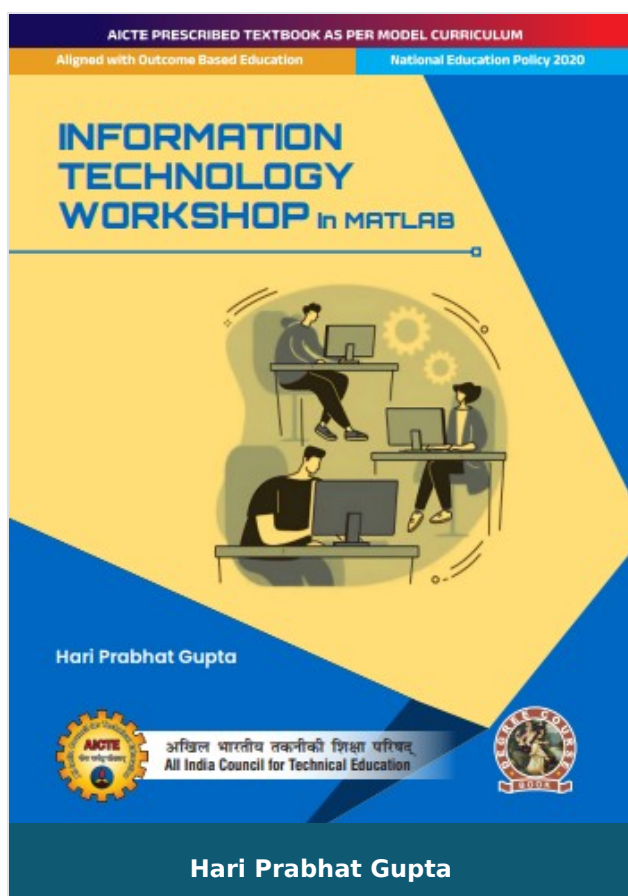




Information Technology Workshop in MATLAB

Author : Hari Prabhat Gupta

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[English Books, Book Store](#)

Condition Type : New

Country Origin : India

Product Description

Information Technology Workshop in MATLAB

This book familiarizes the students to different domains of IT workshop. This covers one of the most widely used programming language i.e., MATLAB. Main purpose of this book is to help students and researchers to understand and apply the MATLAB programming language to applications in engineering science, biomedical science, etc. The main content of this book is aligned with the 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 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 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 in 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 stepwise solved numerical are included in the book.

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- Loop Statements in MATLAB
- Image processing and File Handling in MATLAB
- MATLAB Program Organization and Debugging Techniques
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- Exercises
- Multiple choice questions

- Answers to multiple choice questions
- References

Author

Hari Prabhat Gupta

Dr. Hari Prabhat Gupta, Ph.D. Associate Professor, Dept. of Computer Science & Engineering, IIT (BHU) Varanasi, India Dr.



Refrigeration and Air Conditioning

Author :	Sadhu Singh
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E-ISBN 13 :	978-93-86173-08-9
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Condition Type :	New
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Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

Product Description

Refrigeration and Air-Conditioning is a compulsory subject for the B Tech Mechanical Engineering and other allied branches. It is offered in the final year of the degree program. It is also taught to Diploma students. With the global problem of environment pollution, warming and ozone layer depletion, the importance of this subject has increased manifold in the engineering education. The subject is also important from the point of view of job opportunities as it is an essential part of any competitive examination.

Many books on this subject are available in the market but most of these books do not cover the various aspects of this subject. The author has a vast experience of teaching and administration in reputed institutions and Universities of the country. The author has also long experience of association with the National level examining bodies like UPSC and State Level Public Service Commissions to conduct examinations for National and State Services. This vast experience of the author has been utilized in writing the book.

The book contains seventeen chapters on : Basic Concepts of Thermodynamics, Fundamentals of Refrigeration, Air Refrigeration Cycles, Aircraft Refrigeration Systems, Simple Vapour Compression Systems, Multi - Stage Vapour Compression Systems, Vapour Absorption refrigeration Systems, Refrigerants, Refrigeration Equipment, Cryogenics, Steam Jet Refrigeration System, Psychrometric. Comfort Air-Conditioning, Cooling and Heating Load Estimation, Ducts Design, Fans, and Applications of Refrigeration and Air - Conditioning.

A large number of Multiple - Choice Questions from Gate and Civil Services Examinations have been given in the form of appendices. Useful Tables and Charts have been given at the end of the book. Numerical Problems from Indian Engineering Services Examinations conducted by the UPSC are given chapter wise.

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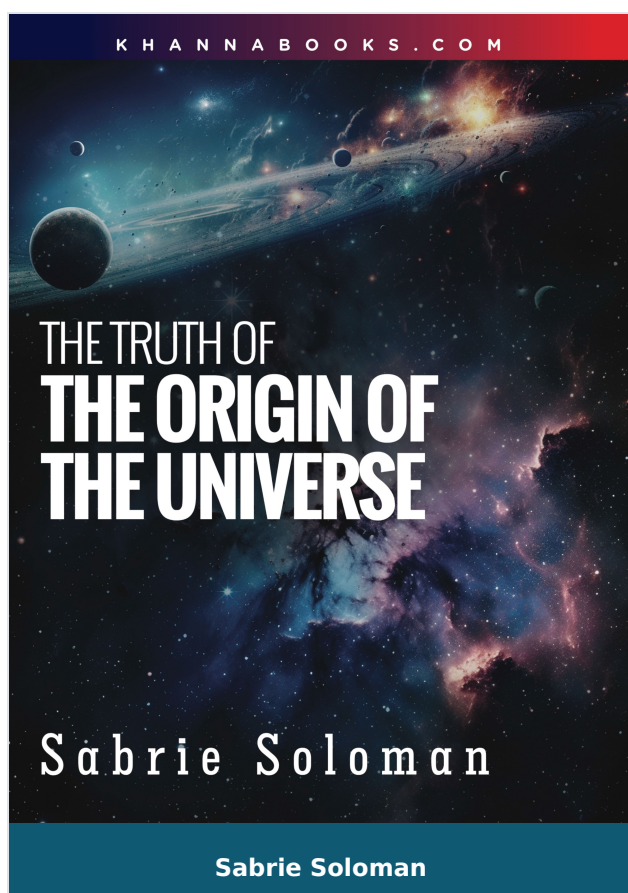
- Basic Concepts of Thermodynamics
- Fundamentals of Refrigeration
- Air Refrigeration Cycles
- Aircraft Refrigeration Systems
- Simple Vapour Compression Systems
- Multi-Stage Vapour Compression Systems
- Vapour Absorption Refrigeration Systems
- Refrigerants
- Refrigeration Equipment
- Cryogenics
- Steam Jet Refrigeration
- Psychrometry
- Comfort Air-Conditioning
- Cooling and Heating Load Estimation
- Ducts Design
- Fans
- Applications of Refrigeration And Air-Conditioning

Author

Sadhu Singh

Dr. Sadhu Singh is a retired professor of Mechanical Engineering of Govind Ballabh Pant university of Agriculture & Technology, Pantnagar. He graduated in Mechanical Engineering with Hons, from Punjab University, Chandigarh, M.Sc. (Mechanical Design & Production Engineering) and Ph.D. from Kurukshetra University, Kurukshetra. His teaching

experience spans 15 years at Regional Engineering College (now NIT), Kurukshetra and 19 years at Pantnagar University. He has been Professor & Head, Mechanical Engineering Department and Dean, Faculty of Engineering & Technology at Pantnagar. He has been Director (Colleges). Punjab Technical University, Jalandhar.



The Truth of The Origin of The Universe

Author :	Sabrie Soloman
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Condition Type :	New
Country Origin :	India

Product Description

In a world filled with scientific explanation and theories, it can be easy to lose sight of the ultimate truth of our existence. The truth is that the universe, with all its intricate complexities, did not come into being by mere chance or a random explosion. It was carefully designed and orchestrated by a higher power, a Creator who holds everything together.

When we look up at the night sky and see the countless stars and galaxies stretching out into infinity, we cannot help but be in awe of the sheer magnitude and beauty of it all. The heavens declare the glory of God, as it says in the Bible, and remind us of the greatness of the one who made it all.

The theory of the Big Bang, which posits that universe began as a singular point and expanded over billions of years, is a flawed is a explanation for the origin of the universe. It fails to account for the intricate design and order that we see in the cosmos, as well as the existence of life on earth. The marvel of our planet Earth, with its perfect conditions for sustaining life, points to a Creator who had a purpose and a plan in mind when he made it. The countless galaxies and stars that we observe in the universe are a testament to the power and creativity of God. They show us that we are part of a vast and wondrous creation, one that was made by an intelligent designer who had a vision for it all.

The theory of evolution, put forth by Charles by Charles Darwin, is another flawed explanation for the diversity of life on earth. It fails on earth it fails to explain the intricate complexities of living organisms and their unique design, as well as the existence of the human soul. It is clear that we are not the product of blind chance or random mutations, but rather the handiwork of a loving and powerful Creator.

"The truth of the origin of the universe" points to a creator who holds everything together and has a purpose and a plan for it all. God stretches out the heavens and allows light to

reach us here on earth, showing us his care and provision for his creation. We are not the product of blind evolution, but rather the cherished creation of a loving god who made us in his image. Let us never forget the marvel and wonder of the universe and the greatness of the one who made it all.

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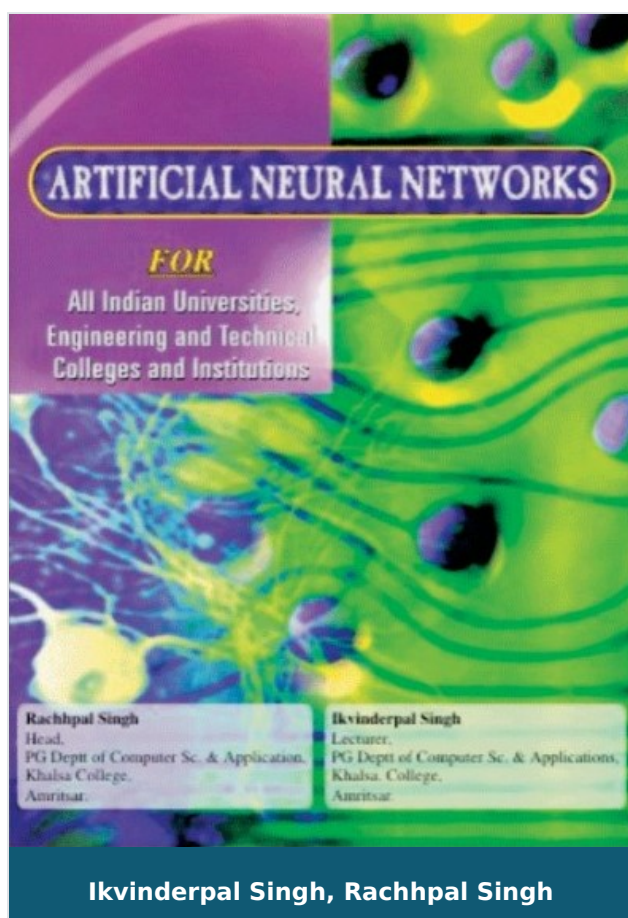
- Table of Contents

Author

Sabrie Soloman

Dr. Sabrie Soloman, Ph.D., Sc.D., MBA, PE - He is the Chairman & CEO of American Sensor x, Inc, 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



Artificial Neural Networks

Author : Ikvinderpal Singh, Rachhpal Singh

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Publisher : Khanna Publishing House

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Categories : [Computer Science Engineering,](#)
[Book Store](#)

Condition Type : New

Country Origin : India

Product Description

Written with the beginner in mind, this volume offers an exceptionally clear and thorough introduction to neural network at an elementary level. It provides the clear survey of basic neural network architectures and learning rules. In it, We emphasize mathematical analysis of networks, methods for training network, and application of neural network to practical engineering problems in speech recognition, stock market prediction and pattern recognition.

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- Fundamentals of Neural Networks
- Perceptrons
- Backpropagation
- Adaline and Madaline
- Supervised and Unsupervised Learning
- Counter-propagation Network
- Adaptive Resonance Theory
- Neocognitron
- Bidirectional Associative Memory
- Case Studies

Author

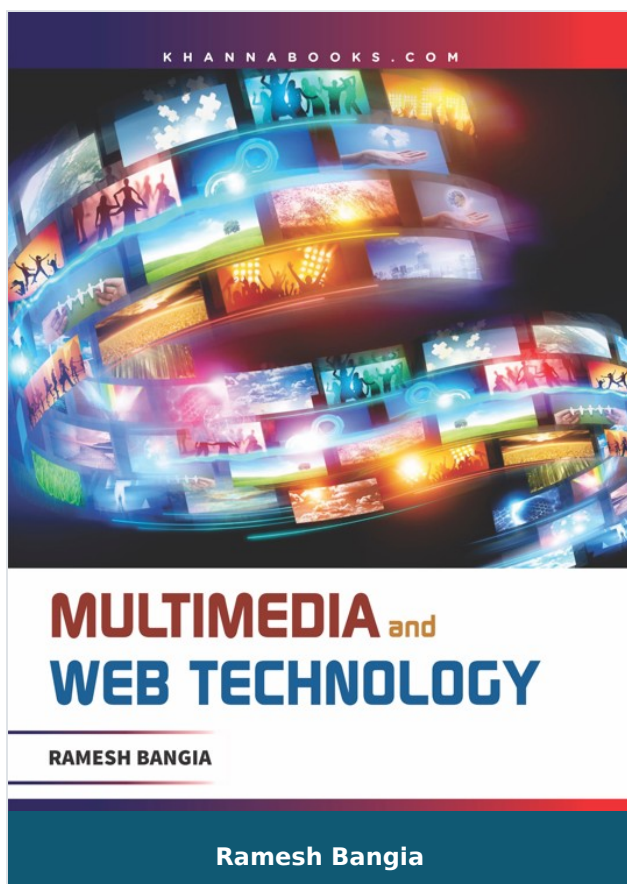
Ikvinderpal Singh

Dr. Ikvinderpal Singh is an Assistant Professor at Trai Shatabdi Guru Gobind Singh Khalsa college Amritsar, bringing 17+ years of academic leadership and research experience to the field of computer science. A Gold Medalist in B.Sc. IT, with an MCA (Distinction) and a Ph.D. in Neural Networks and Image Processing, he is known for blending rigorous research with practical innovation. A prolific academic creator, he has authored 37 books, published 82+ research papers, and designed 100+ industry-aligned skill-development courses. His expertise extends to doctoral evaluation, supervision, and active participation on 100+ editorial and review boards worldwide.

Rachhpal Singh

Rachhpal Singh is head of P.G. Dept. Computer Science & Applications, Khalsa College, Amritsar which is a premier institute in North India. He obtained his MCA from thapar

Institute of Engineering and Technology, patiala. He has over fifteen years of teaching experience to teach post graduate classes. He is an international author of the world level and his other areas of interest include software engineering, parallel processing system level programming.



Multimedia & Web Technology

Author :	Ramesh Bangia
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Edition :	3
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Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 750.00
Categories :	Computer Science Engineering, Book Store
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Country Origin :	India

Product Description

Learning of a software is both easy and difficult. It depends upon what level you are planning to learn. If you are learning only for the working use, then it is very easy. But when you try to go deep into it, then you realise how difficult it is to master it. Internet is such a vast subject that it will take a lot of time to understand it fully. The book has been written in mind to make you aware of the options available and how they can be used. It is like telling the child about the step and stairs. You are the one who is to climb the stair. This book will just guide you how to use the stairs. Suggestions for Improvement of the book are indeed welcome.

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- Frames in HTML
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- eXtensive Markup Language
- Introduction to ASP.Net
- ASP.Net Reference
- JavaScript
- JavaScript Objects
- Multimedia
- Photoshop CS5
- Flash CS5
- PHP
- Question Bank

Author

Ramesh Bangia

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

K H A N N A B O O K S . C O M

Human Resource Management

DR. PREM VIR KAPOOR



Premvir Kapoor

Human Resource Management

Author : Premvir Kapoor

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

Product Description

Human Resource Management

Human resource management by Dr. Premvir Kapoor is a comprehensive and forward-looking guide designed to navigate the complexities of managing people in a rapidly evolving global economy. Recognizing that human capital is an organization's most vital and appreciating asset, the book shifts the focus from traditional, rule-bound personnel management to a modern, humanitarian, and strategic approach. It explores how socioeconomic, technological, and political shifts – such as globalization and the rise of WTO—demand innovative mechanisms for developing employee skills and competencies.

Specifically tailored for students for students of BBA, MBA, and M. Com, the text presents complex concepts in a simple, compact, and easily understandable manner. It bridges the gap between academic theory and professional practice by covering essential topics like job analysis, recruitment, performance appraisal, and the emerging field of human resource Accounting. Whether you are a student preparing for professional examinations or a manager seeking to improve organizational effectiveness through a motivated workforce, this book provides the necessary tools to transform human potential into a source of sustainable competitive advantage.

Salient Features:

- **Strategic Capital Focus:** the text treats human resources as a form of capital and a primary investment, emphasizing that while other resources depreciate, human value appreciates through experience.
- **Comprehensive functional coverage:** it provides an in-depth look at the entire HRM lifecycle, including meticulous processes for manpower planning, recruitment, selection, and induction.

- **Scientific job Analysis:** The book details systematic methods for job description and specification, utilizing both quantitative and non-quantitative techniques to define roles and responsibilities accurately.
- **Advanced performance metrics:** Readers are introduced to sophisticated evaluation tools such as the balanced scorecard and HR scorecard to link people management directly to business performance.
- **Human Resource Accounting:** It explores modern valuation methods and models, like the lev and schwarts model, to measure the economic value of human resources within financial statements.
- **Organizational Development Insights:** The content emphasizes building an enabling culture through OD interventions, team development, and the use of change agents to faster innovation.
- **Analytical Research tools:** Dedicatied sections on personal research and auditing provide methodologies for evaluating HR effectiveness and ensuring compliance with statutory provisions.
- **Practical Learning Aids:** Each chapter is supported by learning objectives, summaries, and a detailed glossary of key terms to reinforce conceptual clarity and academic retention.

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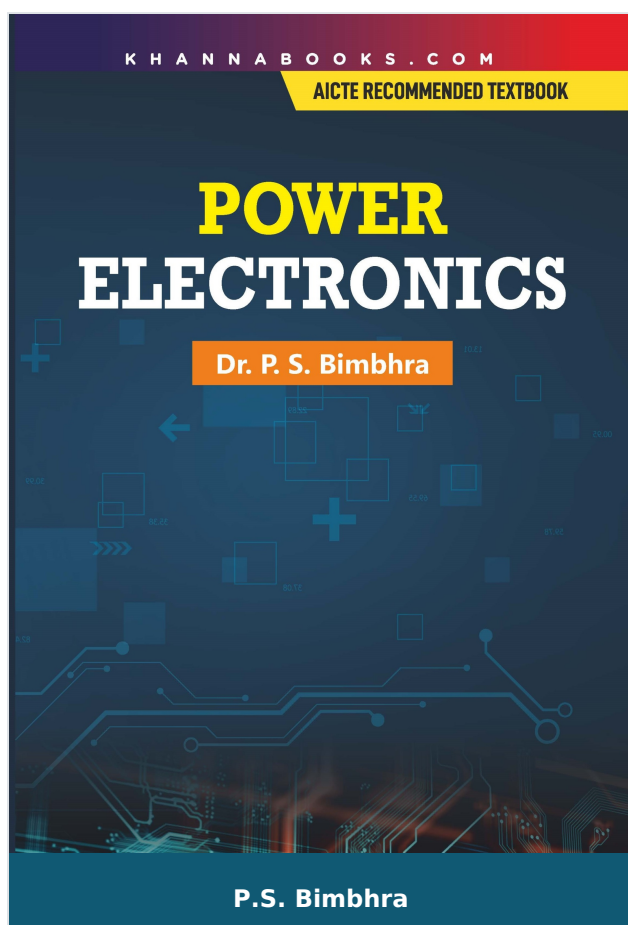
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- Human Resource Accounting
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- Questions for Review
- Bibliography

Author

Premvir Kapoor

Dr. Premvir Kapoor BBM(BHU), MBA(Podar Institute of Management), LLB Delhi, Ph.D(Meerut University), Diploma in Training and Development, ISTD New Delhi, Diploma in Corporate Laws and Secretarial Practice(Indian Law institute New Delhi). He has worked s Director in Sri Ram Institute of Management and IIMT Institute of Management, Greater Noida and Professor of Human Resource Management at IMS Ghaziabad and

Lingaya University Faridabad. He has been associated with some of the leading Institutes of Company Secretaries of India, Institute of Marketing management, Western U.P Productional Council. He is a member of Indian Law Institute, New Delhi. He has been visiting faculty at various prestigious business schools.



Power Electronics

Author :	P.S. Bimbhra
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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 is designed to serve as a textbook for the students of engineering studying a course on power Electronics. It provides a lucid and comprehensive treatment of the topics covered in the book.

A large number of illustrative figures and a wide variety of worked examples add to the clarity of subject matter. This book would be found suitable as a textbook for the students pursuing courses in the areas of the Electrical, Electronics, Instrumentation, Telecommunications and Mechatronics.

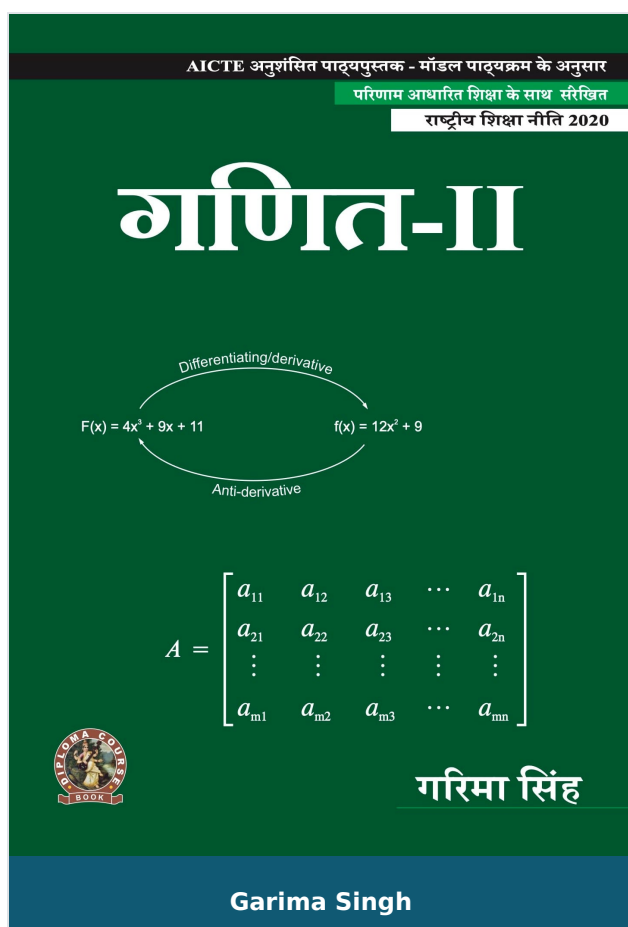
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- * Appendix B: Laplace Transforms
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- * Appendix D: References
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Author

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.



Mathematics II

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Publisher :	Khanna Publishing House
M.R.P :	Rs 395.00
Categories :	AICTE Prescribed Textbooks, Hindi Books, Book Store
Condition Type :	New
Country Origin :	India

Product Description

“Mathematics-II” is a Compulsory paper for the first year students of Diploma engineering courses (common to all branches). Syllabus of this book is strictly aligned to the model curriculum of AICTE. And academic content is amalgamated with the concept of outcome based education. Apart from diploma it is useful for all students who are interested in basic /elementary mathematics and competitive examinations.

Book covers seven topics- Determinants, Matrices, Integral Calculus and it's applications. Co-ordinate Geometry and it's applications, vectors and it's applications, Differential equations. Basic of MATLAB.

Each topic is written in an easy and lucid manner with a holistic view. There has been deliberated attempt to keep the number of pages in the book minimum without compromising with the matter. Every chapter contains a set of exercises at the end of each unit to test the student's comprehension.

Some salient features of the book:

1. For direct recapitulation of main concepts, formulae and results a brief summary of each unit has been given.
2. Objective questions and subjective questions are given for practice of students after every unit.
3. Content of the book is aligned with the mapping of Course Outcomes, Programs Outcomes and uni Outcomes.
4. Apart from the theory explanation and solved examples book provides for mini projects, activities, fun facts, QR codes, case studies, video resources etc.
5. The text has been supplemented with notes, remarks, remember sections within grey boxes.

6. Student and teacher centric subject materials are included in the book in a balanced manner.
7. Real life applications are inserted to improve clarity of this topics.
8. Know more section has been introduced which constitutes of additional information related to the topic.
9. Check-out section has been introduced so as to active the curiosity part of the student by correlating all the topics studied in this book with MATLAB.
10. At the end of each unit. An excerpt related to eminent Indian Mathematicians is given so as to make .
11. Student have a glimpse of the rich Indian heritage, especially in the field of mathematics.

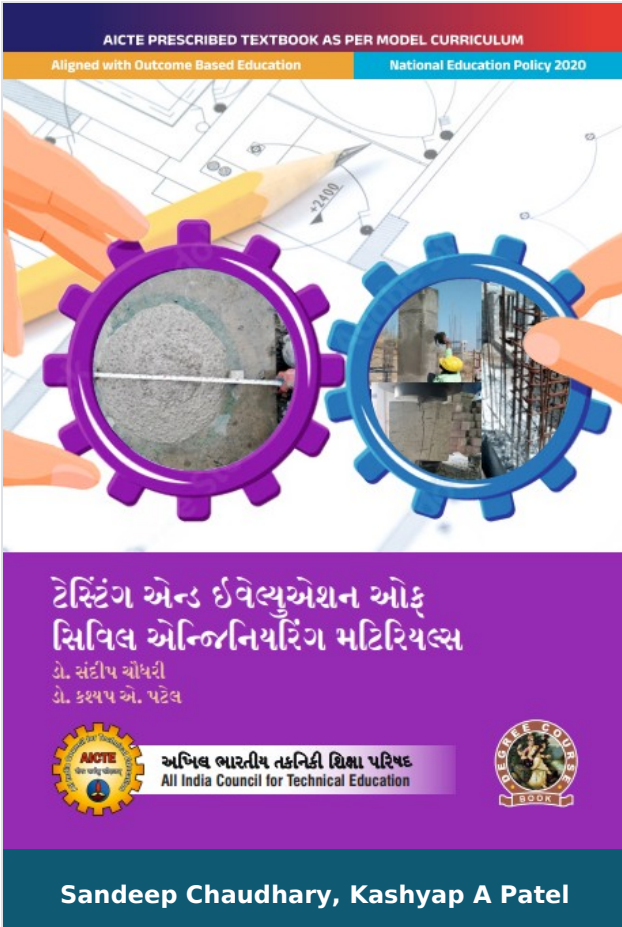
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- Acknowledgement,
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- Outcome Based Educations,
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- List of Figures,
- Guidelines for Teachers,
- Guidelines for Students
- Determinants and Matrices
- Integral Calculus
- Co-ordinate Geometry
- Vector Algebra
- Differential Equations
- Appendices & Annexures

Author

Garima Singh

Garima Singh



Testing & Evaluation of Civil Engineering Materials

Author :	Sandeep Chaudhary, Kashyap A Patel
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Edition :	First
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Type of book :	Physical
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Publisher :	Khanna Publishing House
M.R.P :	Rs 298.00
Categories :	AICTE Prescribed Textbooks, Gujarati Books, Book Store
Condition Type :	New
Country Origin :	India

Product Description

Testing & Evaluation of Civil Engineering Materials

This book contains an introduction to civil engineering materials and an advanced discussion on their testing and evaluation procedure for fourth semester students of undergraduate degree course. Main purpose of the book is to help the students identify suitable civil engineering materials as per their needs, through a systematic testing and evaluation procedure. The book is designed as per syllabus and model curriculum of AICTE and aligned with the theme of outcome-based education according to National Education Policy 2020.

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
- 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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- CO and PO attainment table
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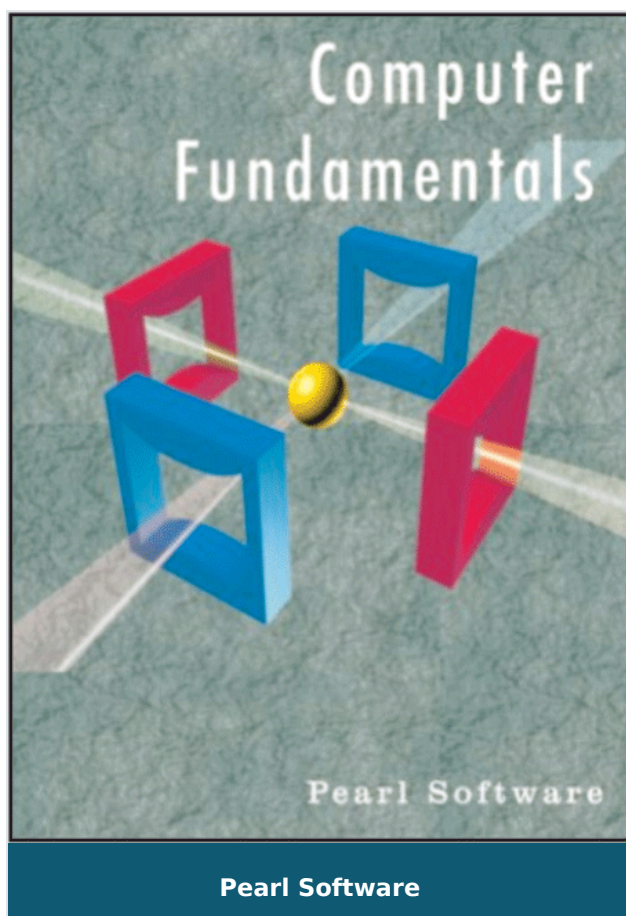
Author

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Dr. Sandeep Chaudhary Professor, Department of Civil Engineering Indian Institute of Technology Indore Dr.

Kashyap A Patel

Dr. Kashyap A Patel Assistant Professor, Department of Civil Engineering Sardar
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Computer Fundamentals

Author :	Pearl Software
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M.R.P :	Rs 99.00
Categories :	Book Store, BASIC COMPUTER BOOKS
Condition Type :	New
Country Origin :	India

Product Description

Computer Fundamentals

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- Computer Basics
- Binary Arithmetic
- Input/Output Units
- Memory Organization
- Input/Output Processors
- Software and Language Classification
- Algorithms
- Boolean Algebra
- Flip-Flop Shift Register Counter
- Operating Systems
- More on Operating Systems
- Local Area Networks
- Information Technology
- An Overview
- System Analysis and Design
- Application and Program Development Strategy
- Computer Management and Virus Protection.

Author

Pearl Software

Pearl Software