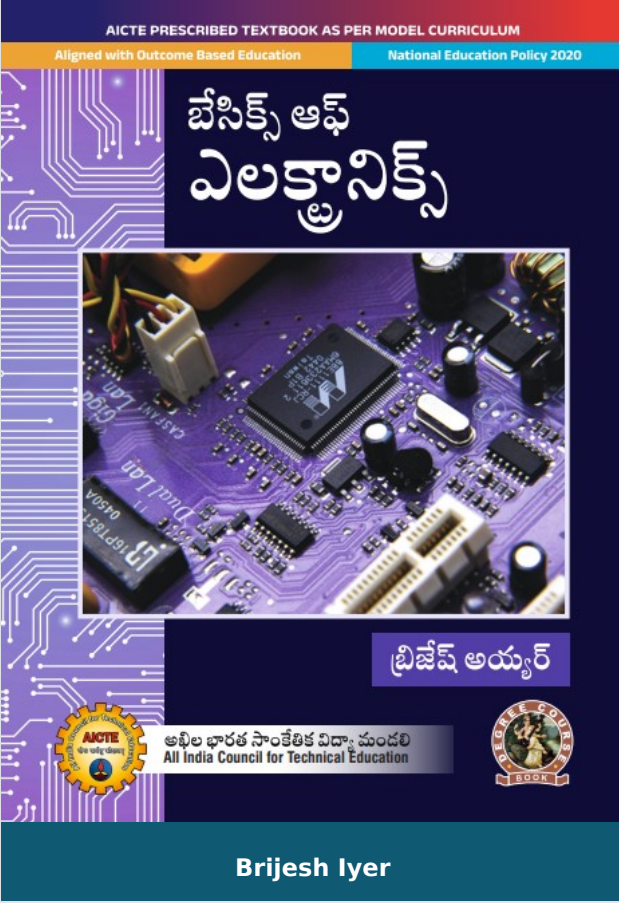




Basic of Electronics

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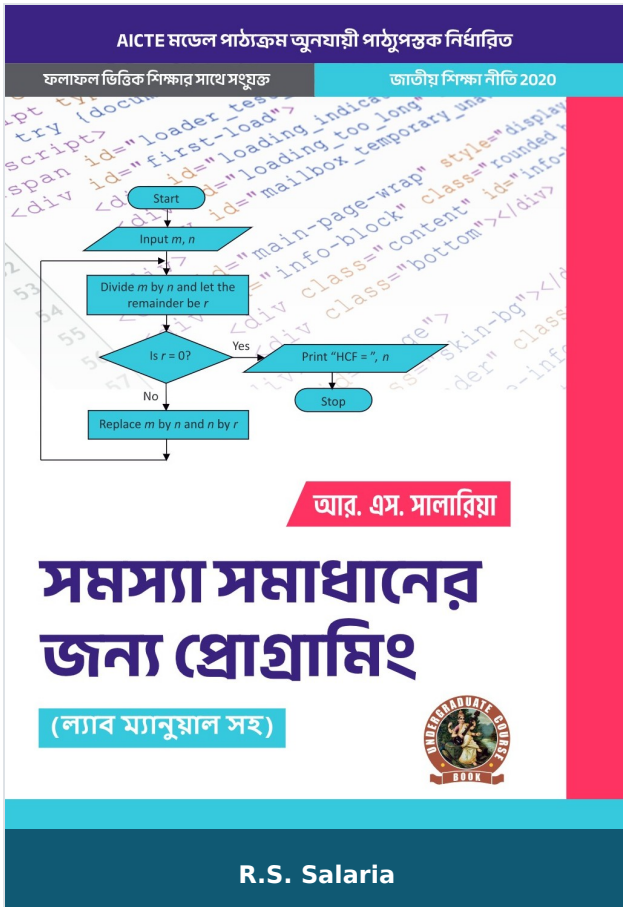
Product Description

Basic of Electronics

Author

Brijesh Iyer

Dr. Brijesh Iyer Professor, Assistant Professor (Sel. Gr.) Department of E & TC Engineering
Dr. Babasaheb Ambedkar Technological University, Lonere Maharashtra



Programming for Problem Solving (with Lab Manual)

Author :	R.S. Salaria
ISBN 13 :	978-93-55381-03-3
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E-ISBN 13 :	978-93-55381-03-3
Edition :	1
Pages :	392
Type of book :	Physical
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Publisher :	Khanna Publishing House
M.R.P :	Rs 295.00
Categories :	AICTE Prescribed Textbooks, Bengali Books, Book Store, Ebooks
Condition Type :	New
Country Origin :	India

Product Description

This textbook is designed as per the model curriculum of AICTE for the first year students of all branches of undergraduate program in Engineering & Technology (BE/B. Tech). The subject of programming for problem Solving aims at developing problem solving skills among the students and the skills to create programs in C language for their implementation. This book emphasizes to empower the students to grasp the skills required for problem solving and to develop deep understanding of the constructs of C language. These aspects of the subject are well illustrated through enormous solved programming problems.

Salient Features:

1. Simple and lucid language that enables students to grasp the subject.
2. Demonstrates the elegant programming style.
3. 165+ ready to run programs for reference and to illustrate the program development process.
4. 135+ Short answer type questions to provide an opportunity for self-assessment of the fundamental concepts learned by answering them precisely.
5. 165+ multiple choice questions to provide an opportunity to synthesize the fundamental concepts.
6. 90+ Programming problems to provide an opportunity to harness programming skills.

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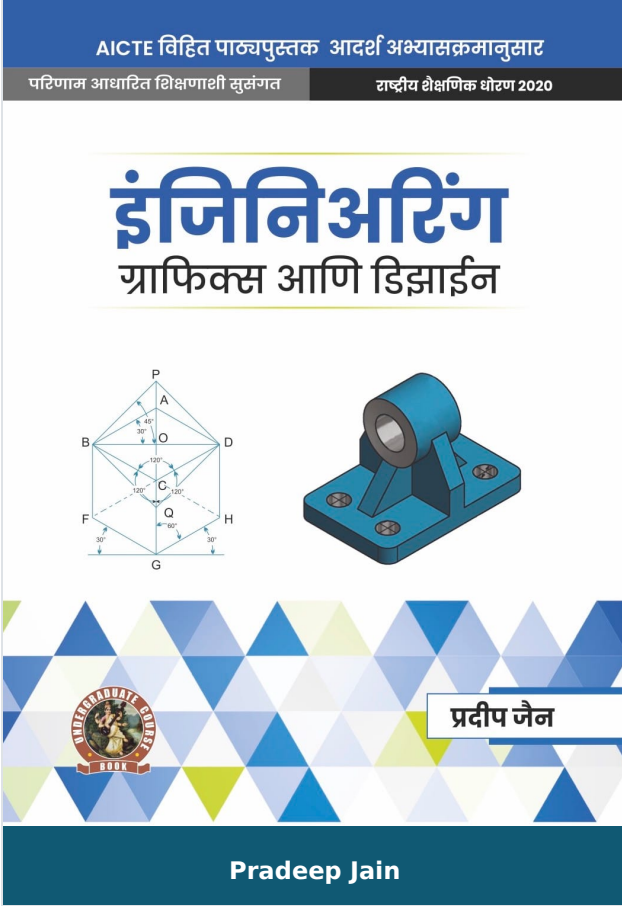
- Foreword
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- List of Tables
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- Guidelines for Students
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- Conditional Branching and Loops.
- Arrays.
- Basic Algorithms.
- Functions.
- Recursion.
- Structures.
- Pointers.
- File Handling.
- References for further learning
- Co and PO attainment Table

- Index

Author

R.S. Salaria

Prof. R.S. Salaria is a superior teacher, a prolific author and a great motivator. He is an alumnus of IIT, Delhi. He is a Certified Software Quality professional by Ministry of Information Technology, Govt. of India: Sun Certified Programmer as well as Sun Certified Trainer by SUN Microsystems. He is a life member of computer society of India, Mumbai: Institution of Electronics and Telecommunication Engineers, New Delhi: Indian Society for Technical Education, New Delhi: Punjab Academy of Sciences, Patiala. Presently, he is talking initiatives to Sensitize the citizens of this great country about their fundamental responsibilities towards society and seeking their contributions to make the society a wonderful place for happy and peaceful living. </p>



Engineering Graphics & Design

Author :	Pradeep Jain
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E-ISBN 13 :	978-93-55380-22-7
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Pages :	268
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Categories :	AICTE Prescribed Textbooks, Marathi Books, Book Store, Ebooks
Condition Type :	New
Country Origin :	India

Product Description

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

Salient Features:

1. Introduction of Engineering Drawing.
2. Orthographic Projection.
3. Projection of Solids.
4. Section of Solids and Development of Surfaces.
5. Isometric Projection.
6. Overview of Computer Graphics.
7. CAD Drawing.
8. Solid Modelling.
9. Team Design Project.

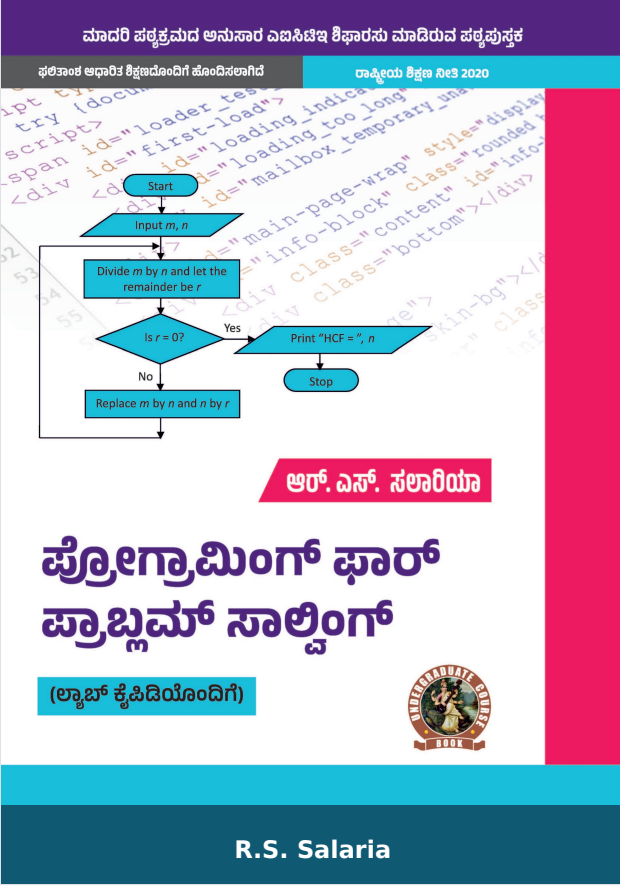
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- Guidelines for Students
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- Orthographic Projection
- Projection of Solids
- Sectional Views of Solids
- Isometric Projection
- Overview of Computer Graphics
- Customisation & CAD
- Annotation Layers and 3D Modelling
- Projects
- Reference
- CO and Po Attainment Table
- Index.

Author

Pradeep Jain

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



Programming for Problem Solving

Author :	R.S. Salaria
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Type of book :	Physical
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Publisher :	Khanna Publishing House
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Condition Type :	New
Country Origin :	India

Product Description

This textbook is designed as per the model curriculum of AICTE for the first year students of all branches of undergraduate programme in Engineering & Technology (BE/B.Tech).

The subject of programming for problem Solving aims at developing problem solving skills among the students and the skills to create programs in C language for their implementation.

This book emphasizes to empower the students to grasp the skills required for problem solving and to develop deep understanding of the constructs of C language. These aspects of the subject are well illustrated through enormous solved programming problems.

Salient Features:

1. Simple and lucid language that enables students to grasp the subject.
2. Demonstrates the elegant programming style.
3. 165+ ready to run programs for reference and to illustrate the program development process.
4. 135+ Short answer type questions to provide an opportunity for self-assessment of the fundamental concepts learned by answering them precisely.
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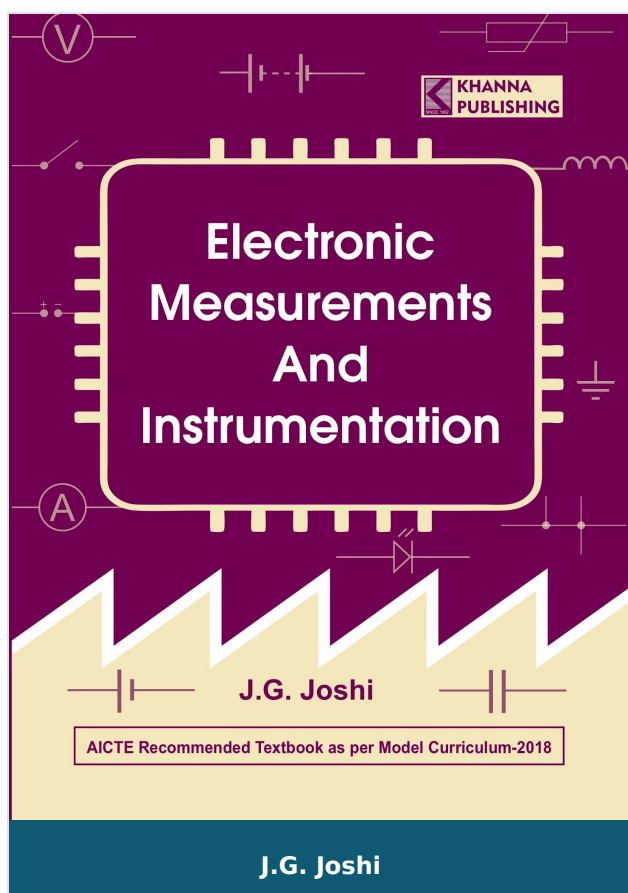
- Foreword
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- Functions
- Recursion
- Structures
- Pointers
- File Handling
- References for further learning
- Co and PO attainment Table

- Index

Author

R.S. Salaria

Prof. R.S. Salaria is a superior teacher, a prolific author and a great motivator. He is an alumnus of IIT, Delhi. He is a Certified Software Quality professional by Ministry of Information Technology, Govt. of India: Sun Certified Programmer as well as Sun Certified Trainer by SUN Microsystems. He is a life member of computer society of India, Mumbai: Institution of Electronics and Telecommunication Engineers, New Delhi: Indian Society for Technical Education, New Delhi: Punjab Academy of Sciences, Patiala. Presently, he is talking initiatives to Sensitize the citizens of this great country about their fundamental responsibilities towards society and seeking their contributions to make the society a wonderful place for happy and peaceful living. </p>



Electronic Measurements and Instrumentation

Author :	J.G. Joshi
ISBN 13 :	978-93-86173-62-1
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M.R.P :	Rs 599.00
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Condition Type :	New
Country Origin :	India

Product Description

This book provides comprehensive coverage of basic measurement system, development in instrumentation systems. It covers both analog and digital instruments in detailed manner. It also provides the information regarding principle, operation and construction of different instruments, recorders and display devices. Special Chapters 4 and 5 are devoted for measurement of electrical and non-elements and data acquisition systems. It gives an exhaustive treatment of different type of controllers used in process control. This book is simple, up-to-date and maintains proper balance between theoretical and practical aspects regarding instrumentation systems. It is useful to Degree and Diploma students in Electronics and Instrumentation Engineering and also useful for AMIE students.

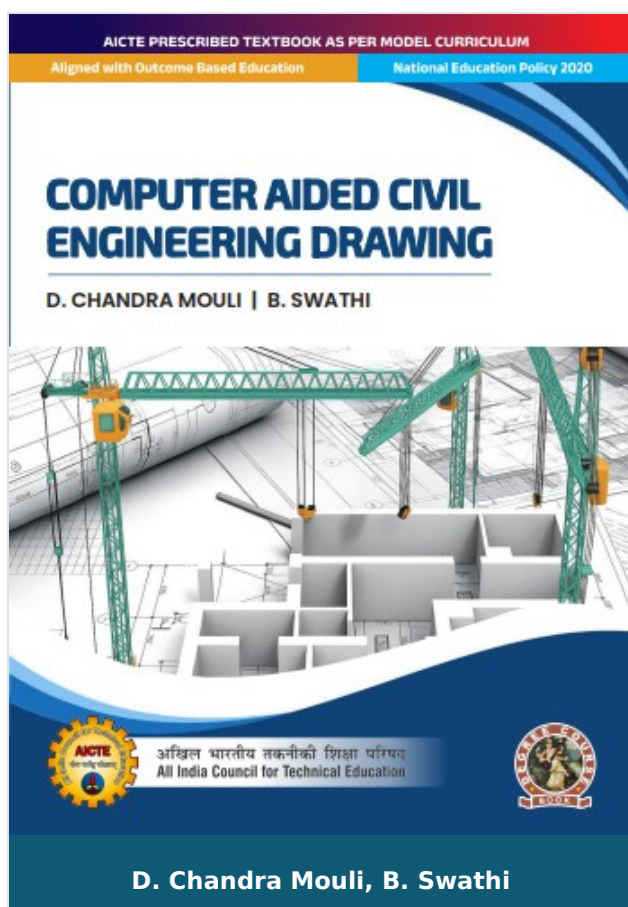
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- Ch-2: Measuring Instruments
- Ch-3: Transducers
- Ch-4: Measurement Systems(Part-I)
- Ch-5: Measurement Systems(Part-II)
- Ch-6: Signal Conditioning Devices
- Ch-7: Data Acquisitions systems(DAS)
- Ch-8: Recorders and Display Devices
- Ch-9: Process Control
- Refernces
- Article References(Papers)
- Index

Author

J.G. Joshi

J.G. Joshi He has done diploma in Industrial Electronics from M.S.B.T.E; B.E (Electronics and Telecommunication) from Amravati University and M.S(Electronics and Control) from Birla Institute of Technology and Science, Pilani (Rajasthan). He is life member of Indian Society for Technical Education (LMISTE), member of Institution electronics and telecommunication engineers (MIETE). Associate of Institution of Engineer (India). He has published two papers in area of technical education.



Computer Aided Civil Engineering Drawing

Author : D. Chandra Mouli, B. Swathi

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E-ISBN 13 : 978-93-55382-18-4

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

Product Description

Computer Aided Civil Engineering Drawing

Computer Aided Civil Engineering Drawing offers a wide range of knowledge on developing civil engineering drawing using computer-aided drawing tools. This book serves the students as a resource to understand the basics of developing drawings in a standard procedure.

Salient Features:

- Detailed outcomes and applications are listed for each unit.
- Each unit starts with specifics, pre requisites, and preparing the students for effective understanding of the topic.
- The book is capsulated with Wall the information required to develop drawings from planning stage to execution stage.
- A detailed discussion on all the commands used in Auto CAD emphasizes students to learn their best for creating, editing, and texting the drawings.
- The pictorial representation of each topic and technical terms shown enhances the knowledge of the reader by creating a visual impact with real-time construction activities.
- A brief outline of various room dimensions along with their position as per VAASTU sastra gives a glimpse of using ancient principles of Indian architecture.
- Practicals on each concept developed at the end of the book will enhance the understanding of students to prepare various plans, sections, and structural drawings with ease.
- This book acts as a bridging tool for students to meet the present needs of the industry in developing all types of drawings manually as well as using tools like Auto CAD.

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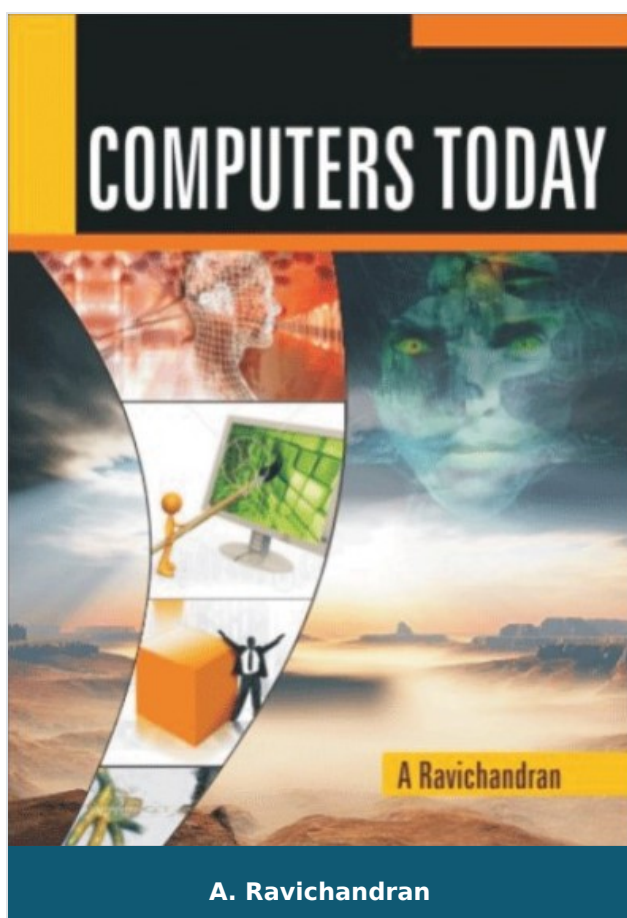
Author

D. Chandra Mouli

Dr. D. Chandra Mouli Darapaneni M.Tech., Ph.D. Assistant Professor, Department of Civil Engineering, University College of Engineering and Technology, Acharya Nagarjuna University Mrs

B. Swathi

B. Swathi M.Tech., (Ph.D.) Assistant Professor, Department of Civil Engineering, University College of Engineering and Technology, Acharya Nagarjuna University



Computers Today

Author :	A. Ravichandran
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M.R.P :	Rs 495.00
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Product Description

This book covers all the aspects of computers starting from development of a computer to its software. Hardware, communication and many more. Since nowadays computers are finding their way into every home, business industry, corporate and research activity, therefore the purpose of this book is to cover all the targeted audiences including beginners, advanced users, computer specialists and end users in a best possible manner. After going through this book you will be able to find out- If a computer is needed by you or your organization. Specification of the computer required by you or your organization. How installation of the computer will benefit you or your organization. Time for updating of your computer/ its hardware/ software. Basic as well as advanced know-how about computers, its software and hardware. Fast and easy steps for better working.

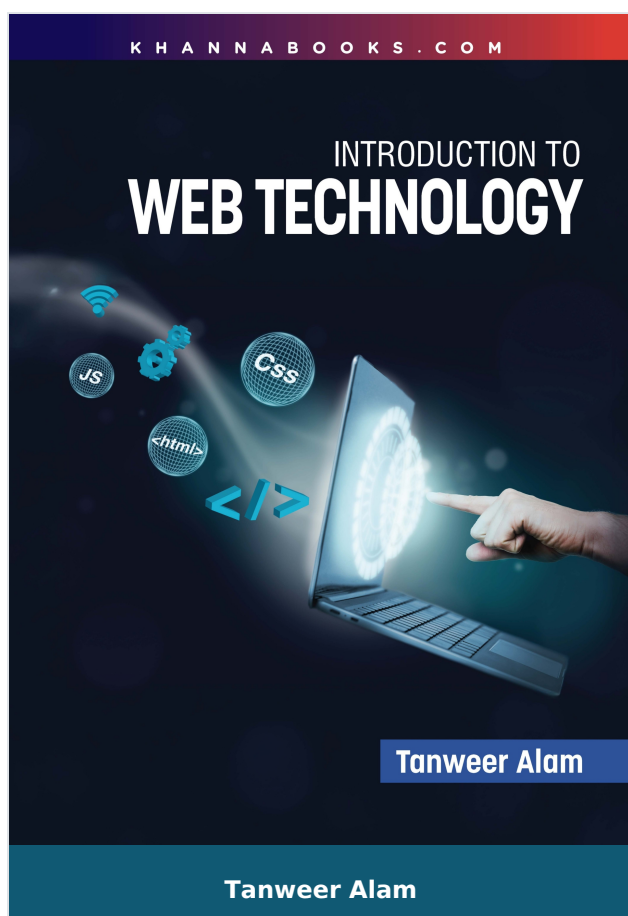
Table Of Contents

- An Introduction to Computers
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- Number Systems
- Data Communication and Networks
- System Software
- Applications Software
- Programming Languages
- Database System Management
- Introduction to Software Testing
- Introduction to System Analysis
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- Computer Engineering and Graphics
- Computers in Management
- Information Systems for Business
- Inter Personnel Skills and Communications
- Computer System Management
- Managing Information Resources
- Computer Security, Crime and Ethics
- Robotics
- 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.



Introduction to Web Technology

Author :	Tanweer Alam
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Product Description

The Internet provides new opportunities for any individual or organization in the world. It represents a low cost opportunity for business to promote their products and services world wide. The internet is a global data communications system. It is a hardware and software infrastructure that provides connectivity between computers. The web is one of the services communicated via the internet. web applications are using web technologies such as web browsers and web servers. Java allow you to play online games, chat with people around the world. It is also integral to the intranet applications and other e-business solutions that are the foundation of corporate computing. Web Technologies definitely has a future in teaching and research, as well as web development. The objective of this book is to promote that future by spreading the use of the web technologies as widely as possible.

Table Of Contents

- Web Development
- HTML
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- Java Script
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- Java Language Basics
- Object Orientation
- Applet Programming
- Abstract Window Toolkit
- Graphics Programming
- Java Beans
- Swing Programming
- Java Servlets
- Java Server Pages
- Working with Database
- Developing Java Beans in JSP Page
- Introduction to Struts Frameworks

Author

Tanweer Alam

Tanweer Alam has an experience of more than seven years in the Teaching field. Currently, He is working at MCA Department, Meerut Institute of Engineering and Technology, Meerut. He has got his MCA Degree in 2003 from UP Technical University, Lucknow, UP. He has got his Master Degree in Mathematics in 2000 from CCS University,

Meerut, UP. He has got his MPhil Degree in Computer science in 2007 from MKU, Madurai. He is also MTech in IT and currently, He is doing PhD in Computer Science & Engineering. He presents more than thirty research papers in various reputed national/international Conferences/Journal.

Introduction to Multimedia and Its Applications



V.K. JAIN

V.K. Jain

Introduction to Multimedia and its Applications

Author : V.K. Jain

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

Product Description

It is down-to-earth practical guidebook for beginners in the field of multimedia, Students who read portions of this book will gain a basic understanding of basic know-how for creation of multimedia and its applications, Multimedia developers, and other professionals, will find a variety of tutorials step wise step, Equally good for students, developers, teachers and any one with a basic background in computer, Science and windows applications will find the material in this book accessible without any additional preparation.

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- Multimedia & Applications
- Creating HTML Documents
- Computer Fonts & Hypertext
- Audio Fundamentals & Representations
- Image Fundamentals & Graphics
- Use of Image Editing Software
- Video & Animation
- Multimedia Authoring Tools
- Adobe Flash Multimedia Authoring Software
- Index

Author

V.K. Jain

Dr. V.K. Jain is a well known practical engineer who has authored more than 125 books on engineering, management and subjects related with computer science. He obtained degree in Electrical Engineering in 1966 from MACT (Maulana Azad College of Technology) Bhopal. He did M. Tech. in 1968 from MACT and HEL (Now Bharat Heavy Electricals) Bhopal in Design and Production of Heavy Electrical Equipments, an Industry Oriented course run under the sponsorship of UNESCO under Vikram University Ujjain in 1968. He was attached to Electronics Application Engineering Department of BHEL. He presented a thesis on ""Analysis of the performance of speed and excitation regulation System using fast acting integrator type AVR for a large Hydro-generator (15 MW). This was concerned with studying power system from the viewpoint of electronic control systems (based on Nyquist Criteria) through Analog and Digital Computer at one of the

premier Institution of India IIT (Indian Institutue of Technology) Kanpur. He personally prepared digital computer program in FORTRAN IV as early as in year 1968 at IIT Kanpur and compiled it on IBM 7044 Main Frame Computer, The fastest Computer in India at that time. He joined CPWD as Electrical Engineer on 20.5.1968 on basis of All India Competitive Examination for Central Electrical Engineering Services (Now known as IES) through Union Public Service Commission of India and served CPWD for 35 years. After retirement he worked with M/s CP Kukreja as consultat engineer for nearly one and half years and at present working as Chief Consultant Engineer with M/s Hospitech Management Consultant Pvt. Limited WTC New Delhi and engaged in designing most modern E/M, Electronic services and IBMS in premier Medical colleges and Big Hospital systems including AIIMS at Raipur and Patna.



Fog and Cloud Computing

Author : Kamatchi K. S., P. Jeyanthi

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[Sathyabama Series](#)

Condition Type : New

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Product Description

Fog and Cloud Computing

This book serves as a comprehensive and essential guide to mastering the modern landscape of cloud and fog computing, two fundamental technologies reshaping the digital era. The core purpose of this text is to provide a robust understanding of Cloud Computing, exploring its history, characteristics, architectural framework, and the key benefits of virtualization. It thoroughly details the major service models—Infrastructure as a Service (IaaS), Platform as a Service (PaaS), and Software as a Service (SaaS)—and analyzes the deployment models (Public, Private, and Hybrid Cloud) used by global players like Amazon, Microsoft, and IBM.

Crucially, the book extends this foundation into the emerging field of Fog Computing. Fog computing is presented as an indispensable, decentralized architectural layer that addresses the challenges of high latency and network congestion caused by the massive scale of Internet of Things (IoT) devices on traditional, centralized cloud systems. By covering cloud management, security strategies, and the transition to the edge network, this resource aims to bridge the gap between theoretical concepts and their practical, real-world applications. The target audience includes students, IT professionals, researchers, and technology enthusiasts seeking to leverage cloud infrastructure for innovation, digital transformation, and professional growth.

Salient Features:

- **Core Architectural Framework:** Provides a clear overview of cloud computing history, fundamental characteristics (e.g., scalability, multi-sharing), and the architectural components that enable robust cloud services.
- **Essential Service Models:** Dedicated coverage of the foundational service paradigms: Infrastructure as a Service (IaaS), Platform as a Service (PaaS), and

Software as a Service (SaaS), explaining their structure and real-world utility.

- **In-Depth Virtualization:** Details the need for and types of virtualization (hardware, OS), including deep dives into essential hypervisors like Xen, KVM, and Hyper V, and open-source cloud platforms like Eucalyptus.
- **Cloud Security & Governance:** Addresses critical challenges of cloud data management, data center tiers, and essential security protocols like multi-factor authentication, data privacy, and strategies for avoiding vendor lock-in.
- **Industry Landscape Analysis:** Analyzes the competitive landscape by profiling major cloud players (e.g., AWS, Microsoft, IBM) and detailing the advantages and disadvantages of Public, Private, and Hybrid Cloud deployment models.
- **Fog & Edge Integration:** Introduces Fog Computing as an extension of the cloud, detailing its unique architecture, benefits (low latency), and comparing it structurally and functionally to the traditional cloud model.
- **Real-World Fog Applications:** Focuses on the practical utility of Fog Computing in critical modern fields like Smart Cities, Smart Grids, and enabling real-time analytics for high-volume data from Self-driven Cars.
- **Simulation & Testing Tools:** Features an introduction to the role and architecture of Cloud Simulator (CloudSim) for evaluating and testing cloud applications before real-world deployment.

Table Of Contents

- Cloud Computing
- Cloud Service Models
- Cloud Deployment Models and Virtualization
- Management in Cloud Computing and Security
- Fog Computing

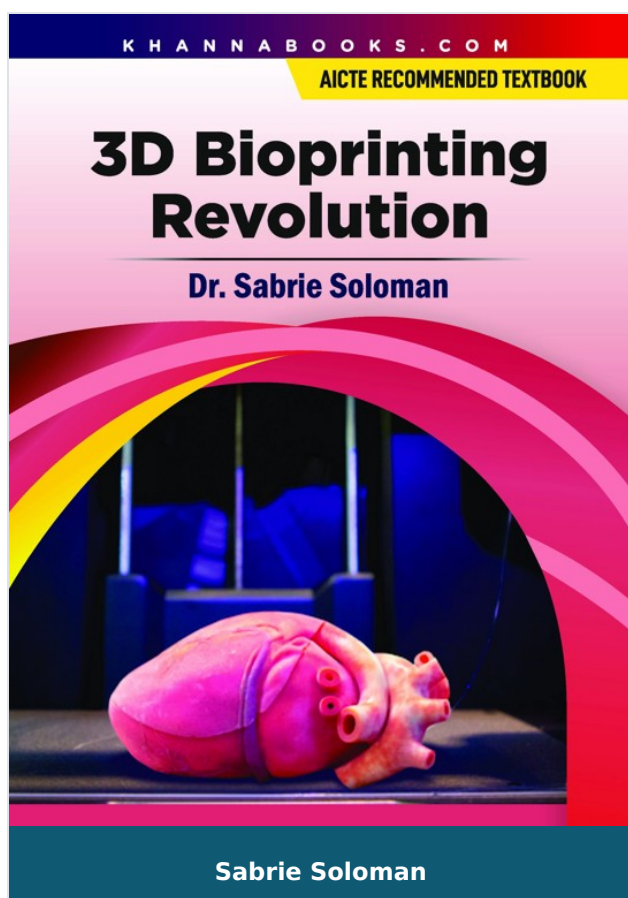
Author

Kamatchi K. S.

P. Jeyanthi, Sankari M., Kamatchi K. S.

P. Jeyanthi

P. Jeyanthi, Sankari M., Kamatchi K. S.



3D Bioprinting Revolution

Author :	Sabrie Soloman
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Country Origin :	India

Product Description

This book provides a comprehensive guide to the principles and optimal applications of 3D bioprinting technologies. It explains the operational basics, along with similarities and differences among various bioprinters. School students, university undergraduates, and postgraduate students in biomedical and life sciences will find this book highly valuable in understanding and exploring bioprinting for real-world applications. It not only builds foundational knowledge in design and implementation but also inspires learners to experiment and create their own biological models. Educators, researchers, and medical professionals will be equipped with the insights needed to advance this revolutionary technology within their institutions and industries.

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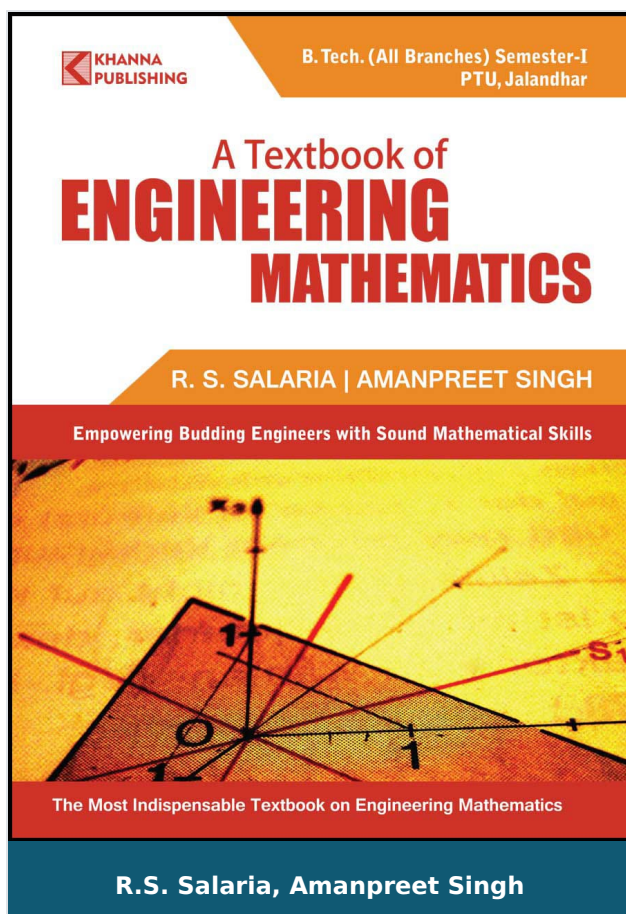
- 3D Bio-Printing Technology
- The Bioprinting Revolution
- Additive Bio-Manufacturing
- Organ Printing
- 3D Printing Scaffolds
- 3D Bioprinting Regenerative Medicine
- Rapid Prototyping - 3D Bioprinting Orthopedics
- The Digital Revolution - 3D Bioprinting Bio-manufacturing
- Organ Printing - Discovering Novel Treatments and Drugs
- 3D Bioprinting Innovative Design

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

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A Textbook of Engineering Mathematics (PTU-I)

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Product Description

The subject of Engineering Mathematics is an integral part of the course curriculum of Bachelor of Engineering/Technology (BE/B. Tech) program of all Indian Universities. The present state of teaching and learning of Mathematics is not that encouraging. A lot has to be done on both the Fronts.

The book in your hand is a first step of our commitment to uplift the standard of teaching and learning of Mathematics. We assure you that in our continuous journey in this endeavor and with your whole hearted support, we hope to make significant contribution in the teaching and learning of Mathematics We hope to see that day when we hear from our student that Mathematics is a wonderful subject and you all are relishing it.

This book is designed to serve as a textbook for the students of B. Tech. (All Branches) Semester-I of Punjab Technical University, Jalandhar

While writing, due care is taken to present the subject matter in a simple and illustrative manner so that a reader can grasp it with quite ease and can built basic and conceptual knowledge in the subject

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- Useful Formulae, Theorems and Results
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- Partial Derivatives
- Applications of Partial Differentiation
- Integral Calculus
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- Multiple Integrals
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- Applications of Vector Calculus

Author

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Prof. R.S. Salaria is a superior teacher, a prolific author and a great motivator. He is an alumnus of IIT, Delhi. He is a Certified Software Quality professional by Ministry of Information Technology, Govt. of India: Sun Certified Programmer as well as Sun Certified Trainer by SUN Microsystems. He is a life member of computer society of India, Mumbai: Institution of Electronics and Telecommunication Engineers, New Delhi: Indian Society for Technical Education, New Delhi: Punjab Academy of Sciences, Patiala. Presently, he is talking initiatives to Sensitize the citizens of this great country about their fundamental responsibilities towards society and seeking their contributions to make the society a wonderful place for happy and peaceful living. </p>

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