



Modern Concepts of Communication Systems

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Product Description

The Proposed book Modern Concepts of Communication Systems is considered as one of most respected and authentic texts in the field of communication systems and engineering. Its profound mathematical treatment, clarity of concepts rich set of assignment problems and of course, novelty in approach defined in many way how analog or digital communication are taught in engineering college. The book is covering almost all the parts of syllabus of M.D. University, Rohtak, Gautam, Buddha University, Lucknow, Mahamaya University, Noida, old UPT University K.U. Kurukshetra etc. Communication systems are a core subject for undergraduate course in Electronics and Communications, and Computer Engineering. It is also offered as a special subject for undergraduate courses in Electronical and Instrumentation Engineering, and for postgraduate course in Physics, Electronics and Computer Science. This book is primarily intended to serve as a textbook for undergraduate course in Electronics and Communication Engineering.



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Chapter 1: Communication Systems. **Chapter 2:** Amplitude Modulation. **Chapter 3:** Angle Modulation. **Chapter 4:** Signal Analysis. **Chapter 5:** Noise. **Chapter 6:** Pulse Modulation. **Chapter 7:** Digital Modulation. **Index**

Author

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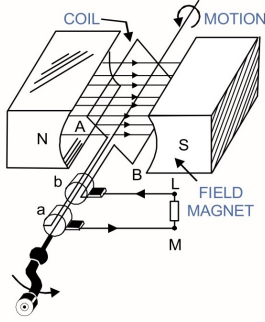


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ಎಸ್. ಕೆ. ಸಹದೇವ್

Basic Electrical Engineering (with Lab Manual)

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Product Description

This textbook "Basic Electrical Engineering" is based on the latest syllabus of the Universities AICTE and Educational Institutes. In this edition, some material of the book has been rewritten to make the presentation easily comprehensible. More illustrative examples mainly from IAS, IES and GATE and other competitive examinations have been added. Various problems with answers have been added to support the text. For quick revision, summary/ highlights are given at the end of each chapter. Salient Features: 1. DC Circuits 2. AC Circuits 3. Transformers 4. Electrical Machines 5. Power Converters 6. Electrical Installations



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Chapter 3: Transformers.

Chapter 4: Electrical Machines.

Chapter 5: Power Converters.

Chapter 6: Electrical Installations.

Author

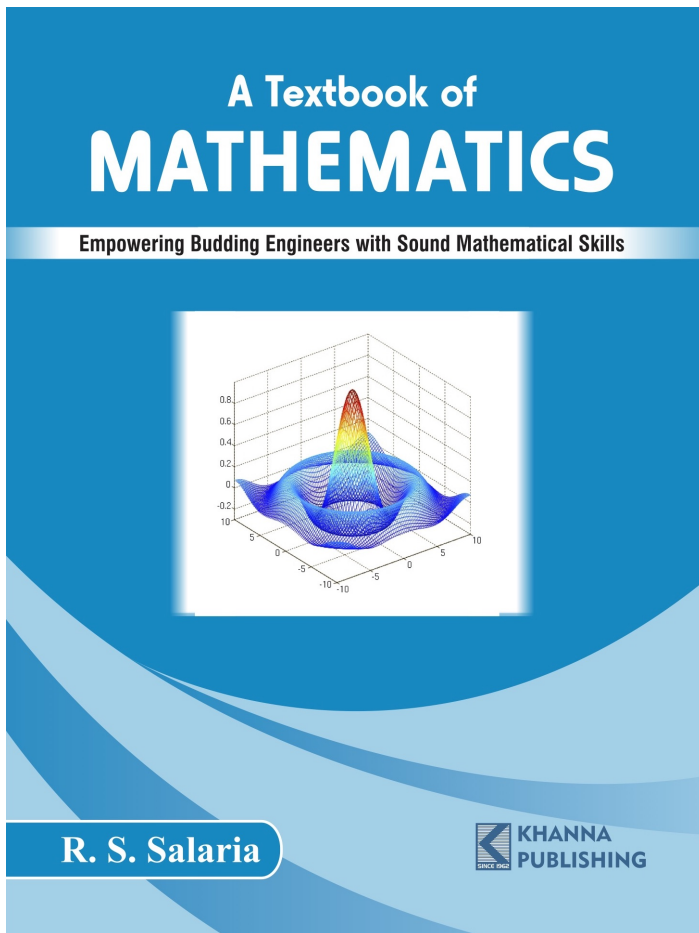
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A Textbook of Mathematics

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Product Description

This book is designed to serve as a textbook for the students taking this subject. It is a book with a difference from other textbooks as it lays more emphasis on the conceptual concepts that are supported by illustrative examples, plenty of challenging theory and programming exercises, to test your knowledge acquired on the subject.

While writing the book, special emphasis is given to keep the language very simple and lucid level of presentation is kept simple and illustrative so that even an average reader can grasp the subject matter with quite ease. Practically this book will provide you every things you need on the subject.



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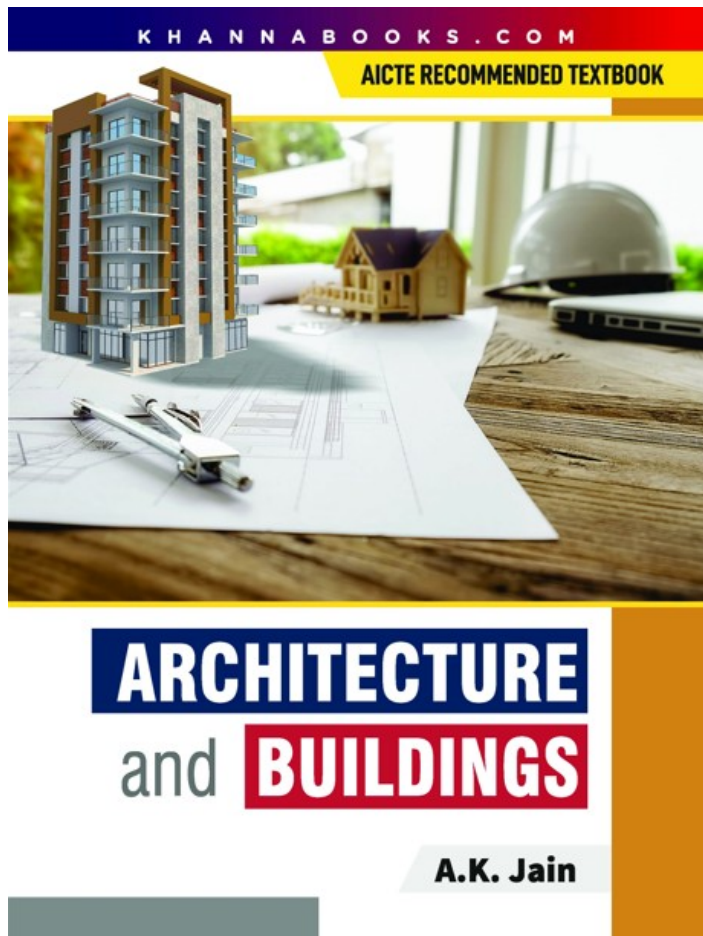
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R.S. Salaria Prof. R.S. Salaria is a superior teacher, a prolific author and a great motivator. He is an alumnus of IIT, Delhi. He is a Certified Software Quality professional by Ministry of Information Technology, Govt. of India: Sun Certified Programmer 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.





Architecture and Buildings

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Product Description

ARCHITECTURE AND BUILDING

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Chapter 1: The Basics of Architectural Design. **Chapter 2:** Evolution of Architecture In India. **Chapter 3:** History of Architecture and Human Settlements. **Chapter 4:** Vastu In Modern Context. **Chapter 5:** Translating Architectural Theory Into Design. **Chapter 6:** Green Building. **Chapter 7:** Building Design for Climatic and Thermal Comfort. **Chapter 8:** Sustainable and Resilient Habitat. **Chapter 9:** Building Resources and Technology. **Chapter 10:** Building and Planning Codes. **Chapter 11:** Anthropometry and Ergonomic. **Chapter 12:** Barrier Free Architecture. **Chapter 13:** Bibliography.



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A.K. Jain, as Commissioner (Planning) Delhi Development Authority worked on the Master Plan for Delhi-2021, National Urban Housing and Habitual Policy, National Urban Transport Policy and various urban projects. He was a member of the Committee Constituted by the Ministry of Urban Development, GOI to review the statute of the Delhi Development Authority vis-a-vis the changing urban scenario and new policy initiatives. As a member of editorial Board of International Journal of Environmental Studies (UK) and is author of several books on urban development and management. He is visiting faculty at Delhi School of Planning and Architecture and other Institutes. He was awarded 2nd Urban Professional Award 2014 at World Urban Forum in Medellin, Colombia in recognition of being an exemplary city changer. Union Minister for Urban Development honored him with IBC Lifetime Achievement Award (2016).





Shrikant B. Vanakudre | Ashish A. Yaligar

PRESTRESSED CONCRETE

Materials, Analysis and Design



Prestressed Concrete

Author :	Ashish A. Yaligar
ISBN 13 :	978-93-86173-31-7
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Product Description

Prestressed Concrete provides a comprehensive coverage of the theoretical and practical aspects of the subject and includes the latest developments in the field of prestressed concrete construction. It incorporates the latest Indian Standard specifications and codes regulating prestressed concrete construction. The book introduces the properties of the materials and Prestressing systems used in the PSC construction. Topics discussed on analysis of PSC sections for flexure, deflection, shear and torsion. In addition to this, analysis and design of various prestress concrete elements such as continuous beams, composite sections, one way slabs, two way slabs, flat slabs, grid floors, compression members, tension members, pipes, piles and tanks are discussed. Analysis and design of various PSC structures such as bridges, sleepers, pavements and poles are also covered. Construction techniques are well illustrated through numerous figures and a number of illustrative examples. Objective questions illustrated are quite useful for those appearing for competitive examinations. The content of this book serve the needs of both students and professionals. Salient Features:

- Ø Presents a blend of theoretical and practical aspects.
- Ø Incorporates the provisions of the latest code, IS: 1343, in prestressed concrete.
- Ø Supports theory with illustrations and photographs.
- Ø Reinforces theoretical concepts by providing solved examples, review questions, exercise problems and objective questions.
- Ø Pedagogy:
 - o 274 Figures
 - o 106 Solved Examples
 - o

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