

Distributed Database Systems

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Product Description

This book is meant for a wide range of readers, especially college and university students wishing to learn basic as well as advanced processes and techniques of distributed database system. It is intended for those who are professionally interested in having an up-to date view of distributed data processing, including, for example, students and teachers of course in computer science, researchers, system managers, application designers, analysts and programmers. A distributed database system is , in brief an integrated database which is built on top of a computer network rather than on a single computer. The data which constitute the database are stored at the different sites of the computer network. And the application programs which are run by the computers access data at different sites. Modern aspects of distributed database systems have been introduced from the first principles and discussed in an easy manner, so that a beginner can grasp the concepts of disturbed database, its design and architecture level, distributed query processing and optimization, distributed transaction management, distributed concurrency control and reliability, distributed deadlock management, distributed recovery and security management, etc. Each chapter contains solved example problems and exercise problems.



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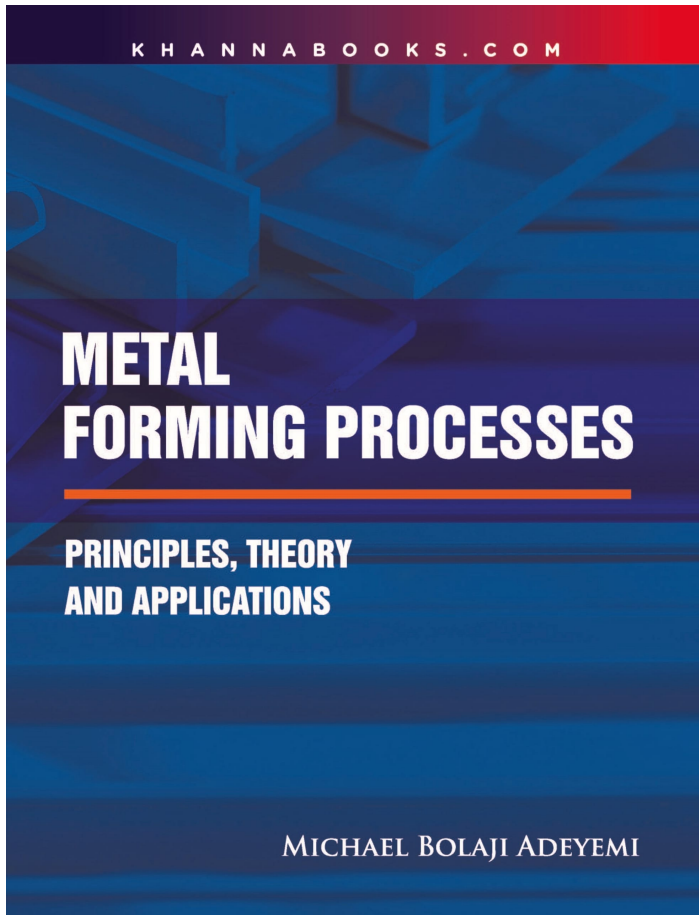
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Chapter 1: Distributed Database Concepts. **Chapter 2:** Distributed Database Design. **Chapter 3:** Distributed Database System Architecture. **Chapter 4:** Distributed Query Processing. **Chapter 5:** Distributed Query Optimization. **Chapter 6:** Distributed Transaction Management. **Chapter 7:** Distributed Concurrency Control. **Chapter 8:** Distributed Deadlock Management. **Chapter 9:** Distributed Recovery Management. **Chapter 10:** Distributed Database Administration.

Author

Ikvinderpal Singh, is Lecturer of P.G. Deptt. Of Computer Science & Applications, Khalsa College, Amritsar which is a premier institute in North India. He obtained his MCA with distinction from Guru Nanak Dev University, Amritsar. He has always been excellence right from his student career. He has written five books. He brought name for himself when he topped the college in B.Sc. His other areas of interest include Fuzzy systems, digital electronics and java programming.





Metal Forming Process

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Product Description

This book is written to provide the following unique features:

- This book is presented in an easy to understand manner by explaining simply and clearly the basic operating principles involved in some of the metal forming processes.
- It is written primarily for use by both undergraduate and post graduate students. Relevant references with old and current literatures are cited so as to assists the students to read deeper to most topics.
- It contains many recent developments and new topics of research in metal forming processes.
- It is an excellent reference book with theoretical formulations and operating principles for various technological developments in metal forming Processes that can be useful to practicing engineers.
- Numerous illustrative examples have been included throughout the book with selected problems for the students to solves.

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Chapter 1: Mechanical Properties and Testing Methods of Metals. **Chapter 2:** Fundamental of Metal Working: Classifications and Mechanics. **Chapter 3:** Metal Forming Equipment. **Chapter 4:** Extrusion Processes. **Chapter 5:** Drawing Processes. **Chapter 6:** Forging and Related Processes. **Chapter 7:** Rolling Processes. **Chapter 8:** Sheet Metal Forming Processes. **Chapter 9:** Non-Conventional and Newer Forming Processes. **Chapter 10:** Non-Conventional and Newer Forming Processes.

Author

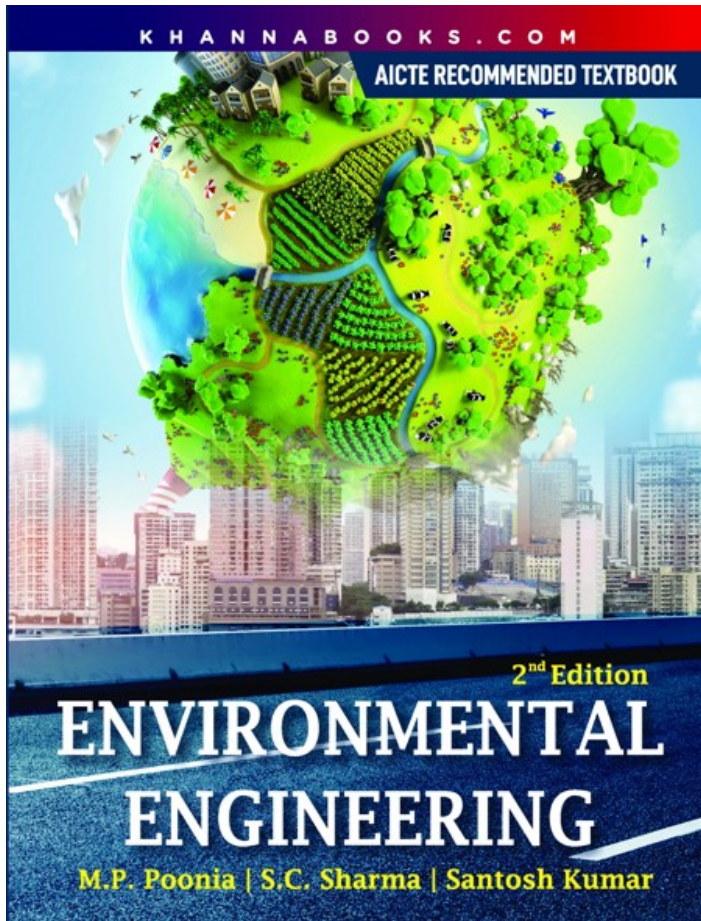
Michael Bolaji Adeyemi



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Product Description

This book covers the syllabi of "Environmental Engineering" and "Public Health Engineering" of various Indian Universities. The book is recommended in AICTE model curriculum. The book has been divided in 3 parts; namely; Water Supply Engineering; Sewage Engineering Air Pollution Engineering. The book is useful for Degree as well as Diploma students and is also likely to be useful for practising engineers in this field.



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Chapter 1: Introduction to Environmental Engineering.

PART -1. WATER SUPPLY ENGINEERING

Chapter 2: Water Demands. **Chapter 3:** Source of Water. **Chapter 4:** Water Quality And Characteristics. **Chapter 5:** Transmission of Water. **Chapter 6:** Pumps And Pumping Stations. **Chapter 7:** Purification of Water Supply. **Chapter 8:** Water Distribution System. **Chapter 9:** Plumbing Systems In Buildings. **Chapter 10:** Rural Water Supply. **PART-2. SEWAGE DISPOSAL AND SOLID WASTE MANAGEMENT** **Chapter 11:** Waste Water (Sanitation) System. **Chapter 12:** Sewage Construction, Maintenance And Appurtenances. **Chapter 13:** Sewage Pumping And Pumping Stations. **Chapter 14:** Sewage Collection From Residential And Other Buildings. **Chapter 15:** Disposal of Sewage Effluents. **Chapter 16:** Treatment of Sewage (Domestic Wastewaters). **Chapter 17:** Treatment of Industrial Wastewater. **Chapter 18:** Solid Waste And Its Management. **PART-3. AIR POLLUTION ENGINEERING AND NOISE POLLUTION** **Chapter 19:** Air Pollution, Causes And Effects. **Chapter 20:** Air Pollution Control. **Chapter 21:** Noise Pollution And Control. **PART-4. ENVIRONMENT IMPACT ASSESSMENT AND SOME IMPORTANTS TOPOICS** **Chapter 22:** Environment Impact Assessment (EIA). **Chapter 23:** Some Important Topics. **Chapter 24:** Appendix-I: Question Bank **Index**



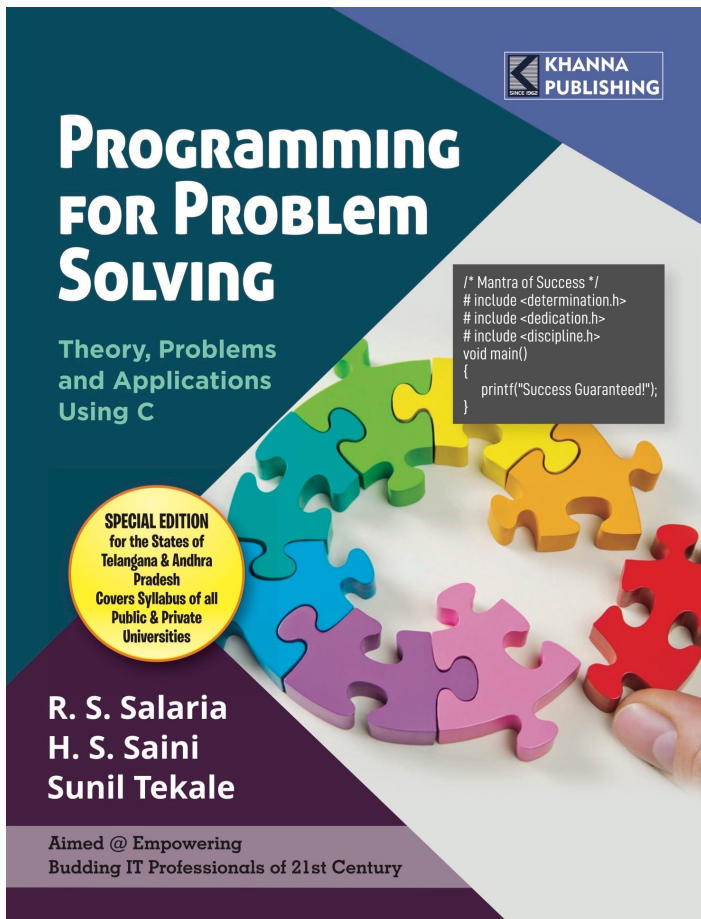
Authors

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Programming for Problem Solving

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This book is specially conceived with an aim to serve not only as a textbook to cover the syllabus of public & public universities, rather a intelligent book (i-book) that empowers readers to acquire 21st century problem solving skills and sharp coding skills. Therefore, keeping in mind the requirements of 21st Century, a special emphasis is laid on the following aspects: Designed keeping in mind the objectives of OUTCOME BASED EDUCATION. Simple and lucid language that language that enables even an average reader to grasp the fundamental concepts of the subject. Illustrative examples (165+ in number) to demonstrate the application of the concepts. Multiple Choice questions (225+ in number) to provide an opportunity for self-assessment of the fundamental concepts learned. Short-answer type questions (192+ in number) to provide an opportunity to synthesize the fundamental concepts learned to answer precisely. Programming exercises (112+ in number) to provide an opportunity to harness their coding skills. Coding problems (42+ in number) from the IT/IT-enabled industry perspective to conquer the screening phase of the placement process. Frequently asked questions (43 in number) to conquer the technical round of the CAMPUS PLACEMENT PROCESS with flying colors. The whole content is designed and organized as per the BLOOM'S TAXONOMY.

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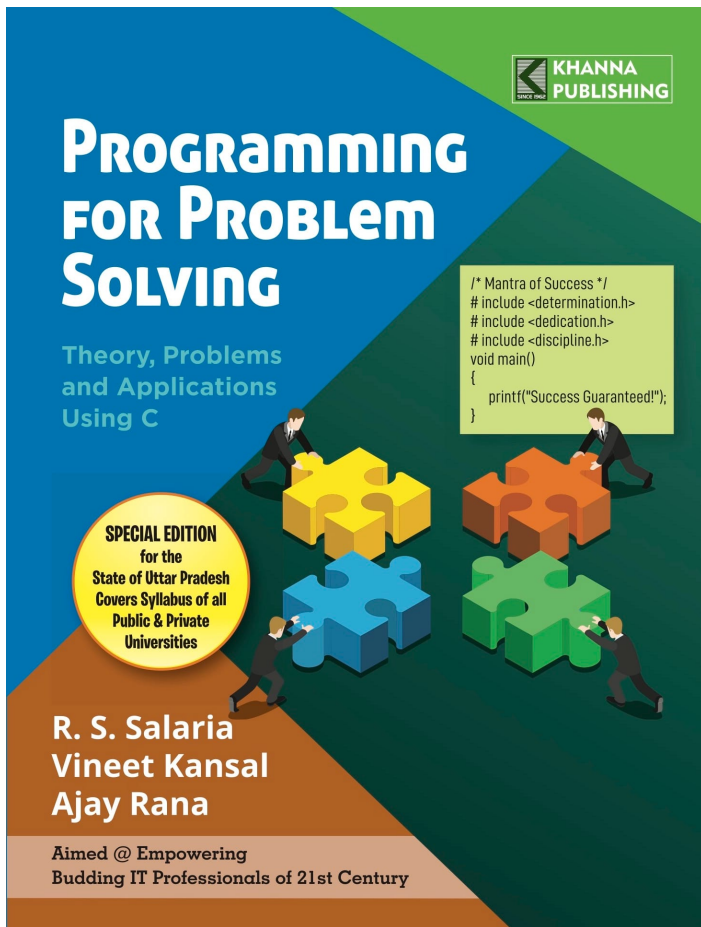
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Prof. R.S. Salaria is a superior teacher, a prolific author and a great motivator. He is an alumnus of IIT, Delhi. He is a Certified Software Quality professional by Ministry of Information Technology, Govt. of India: Sun Certified Programmer as well 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. **Prof. H.S. Saini** Professor, Computer Science & Engineering Managing Director, Guru Nanak Group of Institutes, Hyderabad Taught at University of Westminster and Oxford Brookes University, UK Founder and Chief Editor of Journal of Innovation in CS/ECE/IT Recipient of Eminent Academia Award from Indus Foundation Mentored half a dozen startups in the state of Telangana Key member on the panel of NBA & NAAC expert committees Expert in the field of Fuzzy Systems, AI, Knowledge Based Systems and Web Technologies. Established Industry-Academia Collaborations, Foreign University Collaborations and Centers of Excellence in Cutting Edge Technologies. **Sunil Tekale**





Programming for Problem Solving

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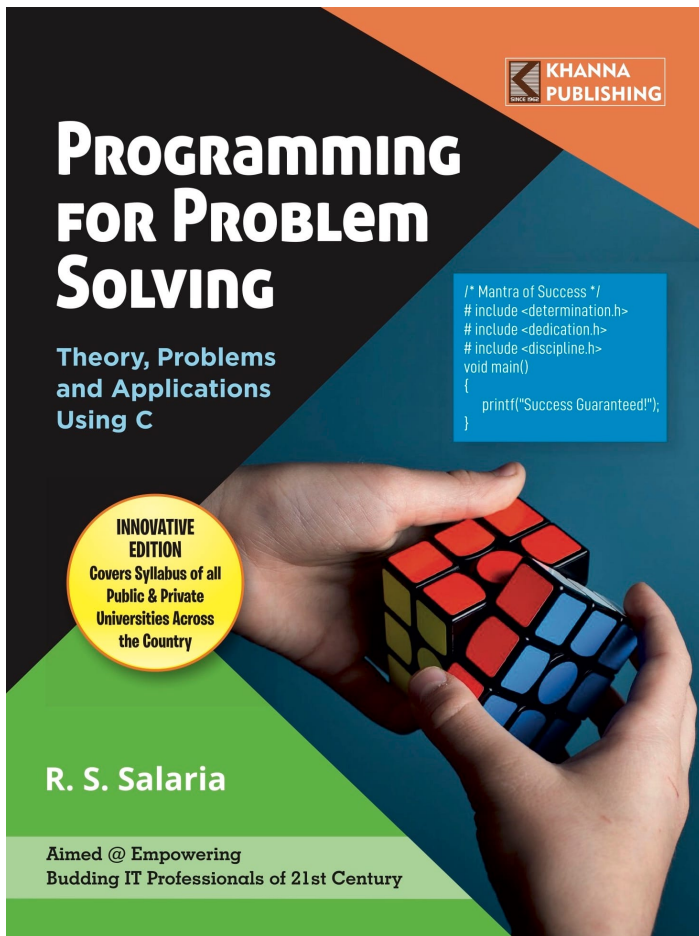
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