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**KEY=SETH - NATHANAEL ANGEL**

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## Sustainable Development of Water and Energy Resources: Water resources (2 v.)

### Practical Civil Engineering

*CRC Press* The book provides primary information about civil engineering to both a civil and non-civil engineering audience in areas such as construction management, estate management, and building. Basic civil engineering topics like surveying, building materials, construction technology and management, concrete technology, steel structures, soil mechanics and foundations, water resources, transportation and environment engineering are explained in detail. Codal provisions of US, UK and India are included to cater to a global audience. Insights into techniques like modern surveying equipment and technologies, sustainable construction materials, and modern construction materials are also included. Key features: • Provides a concise presentation of theory and practice for all technical in civil engineering. • Contains detailed theory with lucid illustrations. • Focuses on the management aspects of a civil engineer's job. • Addresses contemporary issues such as permitting, globalization, sustainability, and emerging technologies. • Includes codal provisions of US, UK and India. The book is aimed at professionals and senior undergraduate students in civil engineering, non-specialist civil engineering audience

## Hydraulics And Fluid Mechanics Including Hydraulics Machines

The popularity of all the earlier thirteen editions of the book among the students as well as the teachers has made it possible to bring out the fourteenth edition of the book so soon. In this edition the book has been brought out in A-4 size thereby considerably enhancing the general get-up of the book. The book in this fourteenth edition is entirely in SI Units and it has been thoroughly revised in the light of the valuable suggestions received from the learned professors and the students of the various Universities. Accordingly several new articles have been added. The answers of all the illustrative examples and the problems have been checked and corrected. Moreover, several new problems from the latest question papers of the different Universities as well as competitive examinations have been incorporated. Thus, it may be emphatically stated that the book is complete in all respects and it covers the entire syllabus in the subject for degree students in the different branches of engineering for almost all the Universities. Therefore this Single Book fulfills the entire needs of the students intending to appear at the various University Examinations and also for those intending to appear at the various competitive examination such as engineering services and the ICS examinations and for those preparing for AMIE examinations. **OUTSTANDING FEATURES** " Twenty nine chapters covering entire subject matter of Fluid Mechanics, Hydraulics and Hydraulic Machines. " SI Units used for the entire book " More than 200 multiple choice questions with answers " Appendix containing computer programs to solve problems of uniform and critical flows in open channels. " Ten appendixes dealing with some important topics.

## IRRIGATION AND WATER POWER ENGINEERING

*PHI Learning Pvt. Ltd.* Designed primarily as a textbook for the undergraduate students of civil and agricultural engineering, this comprehensive and well-written text covers irrigation system and hydroelectric power development in lucid language. The text is organized in two parts. Part I (Irrigation Engineering) deals with the methods of water distribution to crops, water requirement of crops, soil-water relationship, well irrigation and hydraulics of well, canal irrigation and different theories of irrigation canal design. Part II (Water Power Engineering) offers the procedures of harnessing the hydropotential of river valleys to produce electricity. It also discusses different types of dams, surge tanks, turbines, draft tubes, power houses and their components. The text emphasizes on the solutions of unsteady equations of surge tank and pipe carrying water to power house under water hammer situation. It also includes

computer programs for the numerical solutions of hyperbolic partial differential equations. **KEY FEATURES :** Provides worked out examples and problems (in SI units). Presents all possible methods of design including Ranga-Raju-Misri's new approach of canal design. Gives numerous illustrations to reinforce the understanding of the subject. Besides undergraduate students, this book will also be of immense use to the postgraduate students of water resources engineering.

## Water Resource Technology

## Management for Engineering Applications

*Walter de Gruyter GmbH & Co KG* Water resource systems and technologies are important fields in engineering today. This book will discuss various areas on water resource management. Topics discussed include water harvesting techniques, waste water purification, and urban water systems as well as concrete, pavement, and mortar stabilizers, and earthquake resistance technologies and how they relate to water management systems.

## Environmental Hydrology and Hydraulics

## Eco-technological Practices for Sustainable Development

*CRC Press* Water is a precious natural resource, which is crucial to our survival. It needs to be used judiciously in the context of an increasing population not only to sustain essential requirements such as those for drinking and domestic usage, but also for increased food production, industrial usage, power generation, navigational requirements, pisciculture, recreation, landscaping etc. There are many books dealing with hydrology, hydraulics and hydraulic structures, which generally deal with larger problems of development, analysis, design and implementation of water resources. However, there are few books, which deal with small-scale development of water resources consistent with the environmental concerns as well as application of relevant eco-friendly technologies. This book provides both the perspectives.

## Irrigation and Water Resources Engineering

*New Age International* The Book Irrigation And Water Resources Engineering Deals With The Fundamental And General Aspects Of Irrigation And Water Resources Engineering And Includes Recent Developments In Hydraulic Engineering Related To Irrigation And Water Resources Engineering. Significant Inclusions In The Book Are A Chapter On Management (Including Operation, Maintenance, And Evaluation) Of Canal Irrigation In India, Detailed Environmental Aspects For Water Resource Projects, A Note On Interlinking Of Rivers In India, And Design Problems Of Hydraulic Structures Such As Guide Bunds, Settling Basins Etc. The First Chapter Of The Book Introduces Irrigation And Deals With The Need, Development And Environmental Aspects Of Irrigation In India. The Second Chapter On Hydrology Deals With Different Aspects Of Surface Water Resource. Soil-Water Relationships Have Been Dealt With In Chapter 3. Aspects Related To Ground Water Resource Have Been Discussed In Chapter 4. Canal Irrigation And Its Management Aspects Form The Subject Matter Of Chapters 5 And 6. Behaviour Of Alluvial Channels And Design Of Stable Channels Have Been Included In Chapters 7 And 8, Respectively. Concepts Of Surface And Subsurface Flows, As Applicable To Hydraulic Structures, Have Been Introduced In Chapter 9. Different Types Of Canal Structures Have Been Discussed In Chapters 10, 11, And 13. Chapter 12 Has Been Devoted To Rivers And River Training Methods. After Introducing Planning Aspects Of Water Resource Projects In Chapter 14, Embankment Dams, Gravity Dams And Spillways Have Been Dealt With, Respectively, In Chapters 15, 16 And 17. The Students Would Find Solved Examples (Including Design Problems) In The Text, And Unsolved Exercises And The List Of References Given At The End Of Each Chapter Useful.

## Water Supply Engineering: Vol - 2

*Rajsons Publications Pvt. Ltd.* ★**ABOUT THE BOOK:** There are number of books available on the Subject of Water Supply Engineering, but it is observed that each of these books is lacking in one respect or the other. Thus none of the books that are available on the subject is complete in all respects. This has prompted the author to bring out a book on this subject. Alike author's earlier two books namely "Hydraulics and Fluid Mechanics" and "Irrigation Water Resources and Water Power Engineering", this book entitled "Water Supply Engineering" is also a complete text book on the subject. The various topics have been explained in simple language. It contains detailed information based on the latest Indian Standards. The text has been supplemented by a large number of solved illustrative examples and equally large number of problems. In the selection of the solved as well as unsolved examples special care has been taken to include those examples which have appeared at the examinations of the various Universities as well as AMIE, Combined Engineering Services Examinations and other Competitive Examinations. The book has been made self-contained and therefore it will be useful for the students appearing at the examination of various Universities as well as the various competitive examinations. It is hoped that this Single Book will cover the need of the students of Civil Engineering studying this subject at the undergraduate level. ★**OUTSTANDING FEATURES:** -Water Supply and Treatment prepared by the Central Public Health and Environmental Organisation under the Ministry of Urban Development have been followed. -SI Units used for the entire book. -More than 300 Multiple Choice Questions with

Answers are given in Appendix-I. -Subject matter is supported by very good diagrams and Illustrative examples.

★RECOMMENDATIONS: A textbook for all Engineering Branches, Competitive Examination, ICS, and AMIE Examinations In S.I Units For Degree, Diploma and A.I.M.E. (India) Students and Practicing Civil Engineers. ★ABOUT THE AUTHOR: Dr. P.N. Modi B.E., M.E., Ph.D Former Professor of Civil Engineering, M.R. Engineering College, (Now M.N.I.T), Jaipur Formerly Principal, Kautilya Institute of Technology and Engineering, Jaipur ★PUBLISHED BY: STANDARD BOOK HOUSE Since 1960 Unit of Rajsons Publications Pvt Ltd Regd Office: 4262/3A Ground Floor Ansari Road Daryaganj New Delhi-110002 +91 011 43551185/43551085/43751128/23250212 Retail Office : 1705-A Nai Sarak Delhi-110006 011 23265506 www.standardbookhouse.in A venture of Rajsons Group of Companies

## 6th International R&D Conference, Sustainable Development of Water and Energy Resources, Needs and Challenges, 13-16 February 2007, Lucknow, India : Proceedings: Water resources

Contributed articles presented at the Conference.

### Soil Mechanics and Foundation Engineering

*Rajsons Publications Pvt. Ltd.* ★ABOUT THE BOOK: Soil Mechanics and Foundation Engineering (Geo technical Engineering) is a fast developing branch of Civil Engineering and its study is essential for the successful execution and maintenance of several civil engineering works. The subject of Soil Mechanics and Foundation Engineering forms a part of the curriculum for the students of Civil Engineering. A good text book for the subject is therefore necessary to facilitate proper comprehension of the subject by the students. There are several books available on the subject Soil Mechanics and Foundation Engineering, but the author feels that each of the available books is lacking in one respect or the other. As such none of the available books on the subject is complete in all respects. The author has therefore made an earnest attempt to bring out a book on the subject which may be reckoned as a complete text book in all respects. The text of the book has been divided in two Parts. The Part I deals with the Fundamental Principles of Soil Mechanics. The Part II deals with the Earth Retaining Structures and Foundation Engineering. The subject matter has been presented in a simple unambiguous language which is easy to comprehend. The book covers the syllabus of this subject prescribed by the most of the Indian Universities for the undergraduate courses. ★OUTSTANDING FEATURES : The text has been divided into 2 parts:- (i) Fundamental principles of soil mechanics (ii) Earth retaining Structures & Foundation Engg. The text has been supported by:- (i) Illustrative Examples. (ii) Multiple Choice Ques. (Provided in Appendix) (iii) Competitive Examination Ques. Fo -Eng. Services, Indian Civil Service & those preparing for AMIE examinations ★RECOMMENDATIONS: Degree, Diploma and A.I.M.E. (India) Students and Practicing Civil Engineers ★ABOUT THE AUTHOR: Dr. P.N. Modi B.E., M.E., Ph.D Former Professor of Civil Engineering, M.R. Engineering College, (Now M.N.I.T), Jaipur. Formerly Principal, Kautilya Institute of Technology and Engineering, Jaipur ★BOOK DETAILS: ISBN: 978-81-89401-30-6 Pages: 10041+ 18 Edition: 5th,Year-2019 Size: L-24 B- 18.3 H- 4.1 ★PUBLISHED BY: STANDARD BOOK HOUSE Since 1960 Unit of Rajsons Publications Pvt Ltd Regd Office: 4262/3A Ground Floor Ansari Road Daryaganj New Delhi-110002 +91 011 43551185/43551085/43751128/23250212 Retail Office : 1705-A Nai Sarak Delhi-110006 011 23265506 Website: www.standardbookhouse.com A venture of Rajsons Group of Companies

### Waste Water Engineering

*Firewall Media*

### Open-channel Hydraulics

Open-Channel Hydraulics, originally published in 1959, deals with the design for flow in open channels and their related structures. Covering both theory and practice, it attempts to bridge the gap that generally exists between the two. Theory is introduced first and is then applied to design problems. In many cases the application of theory is illustrated with practical examples. Theory is frequently simplified by adopting theoretically less rigorous treatments with sound concepts, by avoiding use of advanced mathematical manipulations, or by replacing such manipulations with practical numerical procedures. To facilitate understanding of the subject matter, the treatment is mostly based on the condition of one- or two-dimensional flow. The book deals mainly with American practice but also includes related information from many countries throughout the world. Material is divided into five main sections for an orderly and logical treatment of the subject: Basic Principles, Uniform Flow, Varied Flow, Rapidly Varied Flow, and Unsteady Flow. There are 67 illustrative examples, 282 illustrations, 319 problems, and 810 references. This classic textbook was the first English-language book on the subject in two decades. Open-Channel Hydraulics is a valuable text for students of engineering mechanics, hydraulics, civil, agricultural, sanitary, and mechanical engineering, and a helpful compendium for practicing engineers. Dr. Ven Te Chow was a Professor of Hydraulic Engineering and led the hydraulic engineering research and teaching programs at the University of Illinois. Through many years of experience as a teacher, engineer, researcher, writer, lecturer, and consultant, he became an internationally recognized leader in

the fields of hydraulics, hydrology and hydraulic engineering. Dr. Ven Te Chow authored two technical books and more than 60 articles and papers in scientific and engineering magazines and journals. He was a member of IAHR, ASCE, AGU, AAAS, SEE, and Sigma Xi, and had been Chairman of the American Geophysical Union's Permanent Research Committee on Runoff.

## Hydraulics and Fluid Mechanics Including Hydraulic Machines

*Rajsons Publications Pvt. Ltd.* ★**ABOUT THE BOOK:** This book does not require any introduction now. we thank our readers for entitling the book as best book ever written on “ hydraulics & fluid Mechanics” Unlike other books the idea of the author was to clear the basic principles of & the student making it a professional choice The book in this 22nd edition is entirely in SI Units and it has been thoroughly revised in the light of the valuable suggestions received from the learned professors and the students of the various Universities. Accordingly several new articles have been added. The answers of all the illustrative examples and the problems have been checked and corrected. Moreover, several new problems from the latest question papers of the different Universities as well as competitive examinations have been incorporated. Thus it may be emphatically stated that the book is complete in all respects and it covers the entire syllabus in this subject for degree students in the different branches of engineering for almost all the Universities. Therefore this Single Book fulfills the entire needs of the students intending to appear at the various University Examinations and also for those intending to appear at the various competitive examinations such as engineering services and the ICS examinations and for those preparing for AMIE examinations. Unlike other books this book clears the basic principles of the reader. ★**OUTSTANDING FEATURES:** Twenty nine chapters covering entire subject matter of Fluid Mechanics, Hydraulics and Hydraulic Machines. SI Units used for the entire book More than 200 multiple choice questions with answers Appendix containing computer programs to solve problems of uniform and critical flows in open channels Ten appendixes dealing with some important topics. Thank you readers for entitling the best book ever written on hydraulics & fluid mechanics. ★**RECOMMENDATIONS:** A textbook for all Engineering Branches, Competitive Examination, ICS, and AMIE Examinations In S.I Units For Degree, Diploma and A.I.M.E. (India) Students and Practicing Civil Engineers. ★**ABOUT THE AUTHOR:** By Dr. P.N. Modi B.E., M.E., Ph.D Former Professor of Civil Engineering, M.R. Engineering College, (Now M.N.I.T), Jaipur Formerly Principal, Kautilya Institute of Technology and Engineering, Jaipur & Dr. S.M. Seth B.E., M.E., M.I.E., Ph.D (Manchester) Former Director, National Institute of Hydrology, Roorkee Presently Principal, Kautilya Institute of Technology and Engineering, Jaipur ★**BOOK DETAILS:** ISBN: 978-81-89401-26-9 Pages: 1403 + 16 Paperback Edition: 22nd, Year -2019 Size(cms): L-23.5 B-18 H-5.7 ★**PUBLISHED BY:** STANDARD BOOK HOUSE Since 1960 Unit of Rajsons Publications Pvt Ltd Regd Office: 4262/3A Ground Floor Ansari Road Daryaganj New Delhi-110002 +91 011 43551185/43551085/43751128/23250212 Retail Office : 1705-A Nai Sarak Delhi-110006 011 23265506 Website: [www.standardbookhouse.com](http://www.standardbookhouse.com) A venture of Rajsons Group of Companies

## PERT and CPM

*Rajsons Publications Pvt. Ltd.* ★**ABOUT THE BOOK** The book presents the basic concepts of the project management techniques namely PERT & CPM. It is primarily meant for the students studying in various universities for their first degree course in Engineering, Commerce and Management. It will also be useful for the students taking professional examinations of the Cost and Works Accounts, Chartered Accountants and the Institution of Engineers. The inservice personnel working in various projects would also find the book quite useful. In the treatment of the subject emphasis has been laid to present it in a simple language so that it may be easily understood by the readers. The text is profusely illustrated with diagrams. All important concepts are illustrated with worked examples and a large number of problems and multiple choice questions are given. Thus the book will be useful for the various competitive examinations such as Engineering Services and ICS examinations. ★**OUTSTANDING FEATURES:** -All the text has been explained in a simple language. -This book will be useful for various branches, competitive examinations, engineering services and ICS Examinations. -Number of problems have been solved in detail. -Subject matter is supported by very good diagrams. -The price of this book itself is a big consideration. ★**RECOMMENDATIONS:** A textbook for all Engineering Branches, Competitive Examination, ICS, and AMIE Examinations ★**ABOUT THE AUTHOR:** Dr. P.N. Modi B.E., M.E., Ph.D., MIE Former Professor of Civil Engineering M.R. Engineering College, Jaipur. & Rajeev Modi Chartered Account Dubai ★**BOOK DETAILS:** ISBN: 978-81-89401-25-2 Pages: 250 + 8 Edition: 6th, Year- 2017 Size(cms): L-24 B-15.9 H-1.0 ★**PUBLISHED BY:** STANDARD BOOK HOUSE Since 1960 Unit of Rajsons Publications Pvt Ltd Regd Office: 4262/3A Ground Floor Ansari Road Daryaganj New Delhi-110002 +91 011 43551185/43551085/43751128/23250212 Retail Office : 1705-A Nai Sarak Delhi-110006 011 23265506 Website: [www.standardbookhouse.com](http://www.standardbookhouse.com) A venture of Rajsons Group of Companies

## The Times of India Directory and Year Book Including Who's who

Issues for 1919-47 include Who's who in India; 1948, Who's who in India and Pakistan.

# Pollutants and Water Management Resources, Strategies and Scarcity

*John Wiley & Sons* **POLLUTANTS AND WATER MANAGEMENT** *Pollutants and Water Management: Resources, Strategies and Scarcity* delivers a balanced and comprehensive look at recent trends in the management of polluted water resources. Covering the latest practical and theoretical aspects of polluted water management, the distinguished academics and authors emphasize indigenous practices of water resource management, the scarcity of clean water, and the future of the water system in the context of an increasing urbanization and globalization. The book details the management of contaminated water sites, including heavy metal contaminations in surface and subsurface water sources. It details a variety of industrial activities that typically pollute water, such as those involving crude oils and dyes. In its discussion of recent trends in abatement strategies, *Pollutants and Water Management* includes an exploration of the application of microorganisms, like bacteria, actinomycetes, fungi, and cyanobacteria, for the management of environmental contaminants. Readers will also discover a wide variety of other topics on the conservation of water sources including: The role of government and the public in the management of water resource pollution The causes of river system pollution and potential future scenarios in the abatement of river pollution Microbial degradation of organic pollutants in various water bodies The advancement in membrane technology used in water treatment processes Lead contamination in groundwater and recent trends in abatement strategies for it Highly polluting industries and their effects on surrounding water resources Perfect for graduate and postgraduate students and researchers whose focus is on recent trends in abatement strategies for pollutants and the application of microorganisms for the management of environmental contaminants, *Pollutants and Water Management: Resources, Strategies and Scarcity* also has a place in the libraries of environmentalists whose work involves the management and conservation of polluted sites.

## Irrigation and Water Power Engineering

*Laxmi Publications, Ltd.*

## Water Supply Engineering

*Firewall Media*

## CGPSC Prelims Exam 2022 | Chhattisgarh PSC (Paper I & II) | 10 Full-length Mock Tests (1000+ Solved Questions)

*EduGorilla Community Pvt. Ltd.* • **Best Selling Book for CGPSC Prelims Exam (Paper I & II) with objective-type questions as per the latest syllabus given by the CGPSC.** • Compare your performance with other students using Smart Answer Sheets in EduGorilla's CGPSC Prelims Exam (Paper I & II) Practice Kit. • CGPSC Prelims Exam (Paper I & II) Preparation Kit comes with 10 Mock Tests with the best quality content. • Increase your chances of selection by 14X. • CGPSC Prelims Exam (Paper I & II) Prep Kit comes with well-structured and 100% detailed solutions for all the questions. • Clear exam with good grades using thoroughly Researched Content by experts.

## Textbook of Pharmacognosy and Phytochemistry - E-Book

*Elsevier Health Sciences* **Textbook of Pharmacognosy and Phytochemistry** This comprehensive textbook is primarily aimed at the course requirements of the B. Pharm. students. This book is specially designed to impart knowledge alternative systems of medicine as well as modern pharmacognosy. It would also serve as a valuable resource of information to other allied botanical and alternative healthcare science students as well as researchers and industrialists working in the field of herbal technology. Only Textbook Offering... Recent data on trade of Indian medicinal plants (till 2008) Illustrated biosynthetic pathways of metabolites as well as extraction and isolation methodologies of medicinal compounds Bioactivity determination and synthesis of herbal products of human interest Information on Ayurvedic plants and Chinese system of medicine Simple narrative text that will help the students quickly understand important concepts Over 300 illustrations and 120 tables in order to help students memorize and recall vital concepts making this book a student's companion cum teacher A must buy for every student of pharmacognosy!

## Factory and Industrial Management

## A Textbook of Fluid Mechanics and Hydraulic Machines

*Laxmi Publications*

## A Textbook of Fluid Mechanics

*Firewall Media*

## Indian and Pakistan Year Book and Who's who

Issues for 1919-47 include Who's who in India; 1948, Who's who in India and Pakistan.

## Indian Journal of Power and River Valley Development

## Bulletin of the Institution of Engineers (India).

## Fluid Dynamics for Physicists

*Cambridge University Press* Comprehensive account of fluid dynamics, covering basic principles and advanced topics.

## Design of Standard Record System for Water Pollution Control

## A Report Prepared for the State Water Pollution Control Board, State of California

## Engineering Record, Building Record and Sanitary Engineer

## The Anarchist Cookbook

*Lulu Press, Inc* **The Anarchist Cookbook will shock, it will disturb, it will provoke. It places in historical perspective an era when "Turn on, Burn down, Blow up" are revolutionary slogans of the day. Says the author "This book... is not written for the members of fringe political groups, such as the Weatherman, or The Minutemen. Those radical groups don't need this book. They already know everything that's in here. If the real people of America, the silent majority, are going to survive, they must educate themselves. That is the purpose of this book."** In what the author considers a survival guide, there is explicit information on the uses and effects of drugs, ranging from pot to heroin to peanuts. There i detailed advice concerning electronics, sabotage, and surveillance, with data on everything from bugs to scramblers. There is a comprehensive chapter on natural, non-lethal, and lethal weapons, running the gamut from cattle prods to sub-machine guns to bows and arrows.

## The Times of India Directory & Yearbook, Including Who's who

## Journal of the Institution of Engineers (India)

## Industrial Development and General Engineering

## Fox and McDonald's Introduction to Fluid Mechanics

*John Wiley & Sons* **Through ten editions, Fox and McDonald's Introduction to Fluid Mechanics has helped students understand the physical concepts, basic principles, and analysis methods of fluid mechanics. This market-leading textbook provides a balanced, systematic approach to mastering critical concepts with the proven Fox-McDonald**

solution methodology. In-depth yet accessible chapters present governing equations, clearly state assumptions, and relate mathematical results to corresponding physical behavior. Emphasis is placed on the use of control volumes to support a practical, theoretically-inclusive problem-solving approach to the subject. Each comprehensive chapter includes numerous, easy-to-follow examples that illustrate good solution technique and explain challenging points. A broad range of carefully selected topics describe how to apply the governing equations to various problems, and explain physical concepts to enable students to model real-world fluid flow situations. Topics include flow measurement, dimensional analysis and similitude, flow in pipes, ducts, and open channels, fluid machinery, and more. To enhance student learning, the book incorporates numerous pedagogical features including chapter summaries and learning objectives, end-of-chapter problems, useful equations, and design and open-ended problems that encourage students to apply fluid mechanics principles to the design of devices and systems.

## Irrigation Engineering

*Rajsons Publications Pvt. Ltd.* The subject "Irrigation Engineering" has assumed importance since last 30 to 40 years. Continued increase in population, particular in developing countries, at a very fast rate has caused scarcity of food. The real answer to food problem, is increased production of food articles; which is possible only by artificial irrigation of fields. India has a very large potential for irrigation, because area and water resources both are abundantly available. Abundance of area for irrigation and availability of lot of water resources are probably the reasons that most of the early irrigation practices and theories were developed in India. There is lot of variations in rainfall in different regions of India. Some of the areas have very little rainfall insufficient to grow any crop. Other areas have sufficient rainfall but its distribution is not as required by the crops. Scanty rainfall and erratic distribution both necessitate artificial irrigation. The purpose of this book is to present the subject in most concise form. Simplicity of language is the main feature of the book. The book is completely in MKS units and covers the syllabus of all the Indian Universities, State Technical Boards, and A.M.I.E. (India) examinations. The book should be equally useful to practicing Engineers as reference book. Examples of almost all the important irrigation works have been solved and then illustrated in neat drawing charts. Khosla's Charts, Lacey's and Garret diagrams all are in MKS units. Rajsons Publications Pvt. Ltd. Every effort was made to eliminate printing errors. I would appreciate if printing errors are brought to my notice and Suggestions to bring about improvements in the book are most welcome. I am thankful to all my friends who have rendered great help by their valuable suggestions. In last I am thankful to Shri R.K. Jain, Prop. Standard Book House, without whose efforts this venture would not have reached the readers.

## The Bombay Presidency, the United Provinces, the Punjab, Etc

## Their History, People, Commerce, and Natural Resources

## Centrifugal Pumps: Design and Application

*Elsevier Centrifugal Pumps: Design and Application, Second Edition* focuses on the design of chemical pumps, composite materials, manufacturing techniques employed in nonmetallic pump applications, mechanical seals, and hydraulic design. The publication first offers information on the elements of pump design, specific speed and modeling laws, and impeller design. Discussions focus on shape of head capacity curve, pump speed, viscosity, specific gravity, correction for impeller trim, model law, and design suggestions. The book then takes a look at general pump design, volute design, and design of multi-stage casing. The manuscript examines double-suction pumps and side-suction design, net positive suction head, and vertical pumps. Topics include configurations, design features, pump vibration, effect of viscosity, suction piping, high speed pumps, and side suction and suction nozzle layout. The publication also ponders on high speed pumps, double-case pumps, hydraulic power recovery turbines, and shaft design and axial thrust. The book is a valuable source of data for pump designers, students, and rotating equipment engineers.

## Railway Engineering

Railway Engineering has been specially designed for undergraduate students of civil engineering. From fundamental topics to modern technological developments, the book covers all aspects of the railways including various modernization plans covering tracks, locomotives, and rolling stock. Important statistical data about the Indian Railways and other useful information have also been incorporated to make the coverage comprehensive. A number of illustrative examples supplement text to aid easy understanding of design methods discussed. The book should also serve the need of students of polytechnics and those appearing of the AMIE examination and would also be a ready reference for railway professionals.

## Capital

A Weekly Journal of Commerce, Industry, and Finance

## Planning and Design of Airports, Fifth Edition

*McGraw Hill Professional* **Authoritative, Up-to-Date Coverage of Airport Planning and Design** Fully updated to reflect the significant changes that have occurred in the aviation industry, the new edition of this classic text offers definitive guidance on every aspect of planning, design, engineering, and renovating airports and terminals. **Planning and Design of Airports, Fifth Edition**, includes complete coverage of the latest aircraft and air traffic management technologies, passenger processing technologies, computer-based analytical and design models, new guidelines for estimating required runway lengths and pavement thicknesses, current Federal Aviation Administration (FAA) and International Civil Aviation Organization (ICAO) standards, and more. Widely recognized as the field's standard text, this time-tested, expertly written reference is the best and most trusted source of information on current practice, techniques, and innovations in airport planning and design. **COVERAGE INCLUDES:** Designing facilities to accommodate a wide variety of aircraft Air traffic management Airport planning studies Forecasting for future demands on airport system components Geometric design of the airfield Structural design of airport pavements Airport lighting, marking, and signage Planning and design of the terminal area Airport security planning Airport airside capacity and delay Finance strategies, including grants, bonds, and private investment Environmental planning Heliports

## Water-Resources Engineering

*W. W. Norton & Company* **Discusses the mechanical advantages of Jeeps, Land Rovers, and other rigs and describes optional equipment, driving techniques, and on-the-road repair procedures**