

Canal Regulator Satyanarayana Murthy

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Reducing Birth Defects - Institute of Medicine 2003-10-27

Each year more than 4 million children are born with birth defects. This book highlights the unprecedented opportunity to improve the lives of children and families in developing countries by preventing some birth defects and reducing the consequences of others. A number of developing countries with more comprehensive health care systems are making significant progress in the prevention and care of birth defects. In many other developing countries, however, policymakers have limited knowledge of the negative impact of birth defects and are largely unaware of the affordable and effective interventions available to reduce the impact of certain conditions. *Reducing Birth Defects: Meeting the Challenge in the Developing World* includes descriptions of successful programs and presents a plan of action to address critical gaps in the understanding, prevention, and treatment of birth defects in developing countries. This study also recommends capacity building, priority research, and institutional and global efforts to reduce the incidence and impact of birth defects in developing countries.

India's New Capitalists - H. Damodaran 2008-06-25

In order to do business effectively in contemporary South Asia, it is necessary to understand the culture, the ethos, and the region's new trading communities. In tracing the modern-day evolution of business communities in India, this book uses social history to systematically document and understand India's new entrepreneurial groups.

Extracellular Matrix Degradation - William C. Parks 2011-04-07

Regulated turnover of extracellular matrix (ECM) is an important component of tissue homeostasis. In recent years, the enzymes that participate in, and control ECM turnover have been the focus of research that touches on development, tissue remodeling, inflammation and disease. This volume in the *Biology of Extracellular Matrix* series provides a review of the known classes of proteases that degrade ECM both outside and inside the cell. The specific EMC proteases that are discussed include cathepsins, bacterial collagenases, matrix metalloproteinases, meprins, serine proteases, and elastases. The volume also discusses the domains responsible for specific biochemical characteristics of the proteases and the physical interactions that occur when the protease interacts with substrate. The topics covered in this volume provide an important context for understanding the role that matrix-degrading proteases play in normal tissue remodeling and in diseases such as cancer and lung disease.

The Soybean - Guriqbal Singh 2010

The soybean is a crop of global importance and is one of most frequently cultivated crops worldwide. It is rich in oil and protein, used for human and animal consumption as well as for industrial purposes. Soybean plants also play an important role in crop diversification and benefit the growth of other crops, adding nitrogen to the soil during crop rotation. With contributions from eminent researchers from around the world, *The Soybean* provides a concise coverage of all aspects of this important crop, including genetics and physiology, varietal improvement, production and protection technology, utilization and nutritional value.

Records of the Geological Survey of India - Geological Survey of India 1999

1867- includes the "Annual report of the Geological survey of India".

Vitamins in Animal and Human Nutrition - Lee Russell McDowell 2008-09-25

Vitamins in Animal and Human Nutrition contains concise, up-to-date information on vitamin nutrition for

both animals and humans. The author defines these nutrients and describes their fascinating discovery, history and relationship to various diseases and deficiencies. Discussion of vitamins also includes their chemical structure, properties and antagonists; analytical procedures; metabolism; functions; requirements; sources; supplementation and toxicity. Vitamin-like substances, essential fatty acids and vitamin supplementation considerations are also examined. This book will be useful worldwide as a textbook and as an authoritative reference for research and extension specialists, feed manufacturers, teachers, students and others. It provides a well-balanced approach to both animal and clinical human nutrition and compares chemical, metabolic and functional aspects of vitamins and their practical and applied considerations. A unique feature of the book is its description of the implications of vitamin deficiencies and excesses and the conditions that might occur in human and various animal species.

Irrigation Engineering And Hydraulic Structures - Santosh Kumar Garg 2009

Meditation practices for health state of the research - 2009

Patterns of Labour Migrations in Colonial Andhra - Kali Chittibabu 2015-10-05

The problem of migration is a prime example of a subject that requires the skills and approaches of scholars from several disciplines, such as anthropology, demography, economics, sociology, law, political science, and history. This book explores the importance of historical investigation into migration, which can be traced back to the pre-modern period. It continues to be an important socio-economic phenomenon in most parts of the world, though, more than the internal movement of people, the international angle has captured the global imagination of the scholars interested in migration studies. In India, both migration within the country and to outside the country is distinctly traceable back to the 19th century. In contrast to today's high figures of internal migration, the India of this period witnessed the mass migration of labourers to overseas territories in the wake of migration of surplus capital, an inevitable result of the Industrial Revolution in the West. Relevant to discussions of internal migration in Andhra is the question of whether the people of this area were normally inclined towards mobility or were averse to it during the period under scrutiny. This book discusses the causes of the comparative immobility of the people of Andhra in relation to the wider high migration trends at the time, including their traditional attachment to their native locale.

Directory of Scientific Research in Indian Universities - 1974

The Indian Journal of Agricultural Sciences - 1972

Documentation of Agriculture; the Bulletin of Current References on Agriculture in India - Indian Council of Agricultural Research. Library 1965

Bhagirath - 1959-07

New Approaches to Gall Midge Resistance in Rice - J. Bennett 2004

[Index Medicus](#) - 2003

[Who's who in the South and Southwest](#) - 1991

Includes names from the States of Alabama, Arkansas, the District of Columbia, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas and Virginia, and Puerto Rico and the Virgin Islands.

Artificial Recharge of Groundwater - Takashi Asano 2016-01-22

Artificial Recharge of Groundwater focuses on artificial recharge of groundwater basins as a means to increase the natural supply of groundwater, along with the technical issues involved. Special emphasis is placed on the use of reclaimed municipal wastewater as a source for artificial recharge of groundwater. This book is comprised of 26 chapters organized into five sections. After reviewing the state of the art of artificial recharge of groundwater, the discussion turns to the fundamental aspects of groundwater recharge, including the role of artificial recharge in groundwater basin management, recharge methods, hydraulics, monitoring, and modeling. The next section considers pretreatment processes for wastewater and renovation of wastewater with rapid-infiltration land treatment systems and describes the health effects of wastewater reuse in groundwater recharge. A number of artificial recharge operations using reclaimed wastewater are then highlighted, focusing on cases in various countries including Israel, Germany, Poland, Japan, the Netherlands, and the United States. The remaining chapters look at the extent of contaminant removal by the soil system and the fate of micropollutants during groundwater recharge as well as the legal and economic aspects of groundwater recharge. Research needs for groundwater quality management are also explored. This monograph is written for civil and sanitary engineers, agricultural engineers, hydrologists, environmental scientists, and research scientists as well as public works officials, consulting engineers, agriculturalists, industrialists, and students at colleges and universities.

[Applied Mechanics Reviews](#) - 1979

On The Waterfront: Water Distribution, Technology And Agrarian Change In A South Indian Canal Irrigation System - Peter P. Mollinga 2003

Series: Wageningen University Water Resources Series. This book analyses the struggle over water in a large-scale irrigation system in Raichur District, Karnataka, South India. It looks at water control as a simultaneously technical, managerial and socio-political process. The triangle of accommodation of different categories of farmers, irrigation department officials and local politicians, involving water, votes, money, employment, credit and harassment, is documented. The book shows that the physical infrastructure, notably the division structures, are signposts of struggle, expressing the balance of power between farmers and the irrigation department, and that between head- and tail-end farmers. It concludes with a discussion of irrigation reform efforts in India: reasons for the very slow transformation of the sector, and how a more integrated perspective on irrigation could provide directions for the way forward.

Irrigation Engineering (Including Hydrology) - Sharma R.K. & Sharma T.K. 2008

The First Edition of this treatise on Irrigation Engineering duly subsidised by national Book trust, Government of India, published in 1984. was highly acclaimed by the engineering teachers and taughts and its revised edition appeared in 1990. The dynamism inherent in the subject necessitated drastic changes in the text, prompted by the overwhelming response of irrigation and agriculture engineering students and practising engineers in the country and abroad duly patronised by the publications, Shri Ravindra Kumar Gupta, Managing Director, S.Chand & Company Ltd., New Delhi

[The Service Sector in India's Development](#) - Gaurav Nayyar 2012-05-28

A striking aspect of India's recent growth has been the dynamism of its services sector. In 2010, it accounted for 57 percent of the country's GDP and 25 percent of its total employment. The results do not conform to the growth experience of currently industrialized countries or other developing economies. Is the increasing share of the service sector in India's total output simply notional, as several activities that were earlier classified in the industrial sector are now subsumed in services' value added, or because the relative price of services has increased over time? No. The sector's growth is real - it is linked to household final demand, policy reforms and increased service exports. Is this service-led growth process sustainable?

That remains an open question because the service sector is highly heterogeneous, ranging from software services and business process outsourcing to wholesale and retail trade and personal services. These subsectors vary considerably in the context of different economic characteristics that are important for development.

An Evidence-based Approach to Vitamins and Minerals - Jane Higdon 2012

An Evidence-Based Approach to Vitamins and Minerals: Health Benefits and Intake Recommendations is a trusted resource for the health professional who needs to interpret the explosion of studies on the role of micronutrients in health and disease and who is concerned about the proliferation of dietary supplements now available to the consumer. This evidence-based reference, now in a second edition, presents the most current scientific, epidemiological and clinical research on the role of vitamins and minerals in preventing disease and promoting optimal health. Organized by micronutrient, the book covers biological function, deficiency, recommended daily allowance, role in disease prevention and treatment, sources, safety, and interactions with other micronutrients and drugs--all endorsed by the internationally acclaimed Linus Pauling Institute at Oregon State University. Special Features: Each chapter reviewed by a recognized expert in the field, who also served on the books Editorial Advisory Board Contains the latest intake recommendations from the Linus Pauling Institute, as well as the Food and Nutrition Board of the Institute for Medicine Provides a complete index by disease or disorder that facilitates easy location of condition-specific information found in multiple chapters Extensively referenced, with hundreds of citations from the most current experimental, clinical and epidemiological studies Includes useful appendices covering drug-nutrient interactions and nutrient-nutrient interactions, a glossary of terms, a units conversion table, and the Linus Pauling Institute Prescription for Health, summarizing its recommendations for a healthy diet, lifestyle, and supplement use Taking the approach that micronutrients play a significant role not only in preventing deficiency disease, but in enhancing general health and averting chronic disease, this book is essential for physicians, nutritionists, and allied health professionals who need the most reliable, up-to-date information in this rapidly expanding field.

Process Intensification - Jan Harmsen 2020-07-20

Process Intensification is a comprehensive textbook and treats the theory of process intensification design, and all innovation steps from idea generation to commercial implementation, and all focused on contributing to the UN Sustainable Development Goals. This book covers the 'hard' elements of design, modelling, and experimental validations and the 'soft' elements, values of engineers, interests of stakeholders and beliefs of society.

Cumulated Index Medicus - 1997

Handbook of Vitamins - Janos Zempleni 2013-07-29

Within the last few years, knowledge about vitamins has increased dramatically, resulting in improved understanding of human requirements for many vitamins. This new edition of a bestseller presents comprehensive summaries that analyze the chemical, physiological, and nutritional relationships, as well as highlight newly identified functions, for a

[Thermophilic Moulds in Biotechnology](#) - B.N. Johri 2013-04-17

All important aspects of thermophilic moulds such as systematics, ecology, physiology and biochemistry, production of extracellular and intracellular enzymes, their role in spoilage of stores products and solid and liquid waste management, and general and molecular genetics have been dealt with comprehensively by experts in this book which covers progress in the field over the last 30 years since the seminal book Thermophilic Fungi published by Cooney and Emerson in 1964. The experts have reviewed extensive literature on all aspects of thermophilic moulds in a very comprehensive manner. This book will be useful for graduates as well as post-graduate students of life sciences, mycology, microbiology and biotechnology, and as a reference book for researchers.

Annual List of Gazetted Officers in the Andhra Pradesh State - Andhra Pradesh (India) General Administration Dept 1963

Advanced Wireless Communications - Savo G. Glisic 2007-06-13

Fully revised and updated version of the successful "Advanced Wireless Communications" Wireless communications continue to attract the attention of both research community and industry. Since the first edition was published significant research and industry activities have brought the fourth generation (4G) of wireless communications systems closer to implementation and standardization. "Advanced Wireless Communications" continues to provide a comparative study of enabling technologies for 4G. This second edition has been revised and updated and now includes additional information on the components of common air interface, including the area of space time coding, multicarrier modulation especially OFDM, MIMO, cognitive radio and cooperative transmission. Ideal for students and engineers in research and development in the field of wireless communications, the second edition of Advanced Wireless Communications also gives an understanding of current approaches for engineers in telecom operators, government and regulatory institutions. New features include: Brand new chapter covering linear precoding in MIMO channels based on convex optimization theory. Material based on game theory modelling encompassing problems of adjacent cell interference, flexible spectra sharing and cooperation between the nodes in ad hoc networks. Presents and discusses the latest schemes for interference suppression in ultra wide band (UWB) cognitive systems. Discusses the cooperative transmission and more details on positioning.

The Land Systems of British India - B. H. 1841-1901 Baden-Powell 2013-10

This is a reproduction of a book published before 1923. This book may have occasional imperfections such as missing or blurred pages, poor pictures, errant marks, etc. that were either part of the original artifact, or were introduced by the scanning process. We believe this work is culturally important, and despite the imperfections, have elected to bring it back into print as part of our continuing commitment to the preservation of printed works worldwide. We appreciate your understanding of the imperfections in the preservation process, and hope you enjoy this valuable book.

Handbook of African Medicinal Plants, Second Edition - Maurice M. Iwu 2014-02-04

With over 50,000 distinct species in sub-Saharan Africa alone, the African continent is endowed with an enormous wealth of plant resources. While more than 25 percent of known species have been used for several centuries in traditional African medicine for the prevention and treatment of diseases, Africa remains a minor player in the global natural products market largely due to lack of practical information. This updated and expanded second edition of the Handbook of African Medicinal Plants provides a comprehensive review of more than 2,000 species of plants employed in indigenous African medicine, with full-color photographs and references from over 1,100 publications. The first part of the book contains a catalog of the plants used as ingredients for the preparation of traditional remedies, including their medicinal uses and the parts of the plant used. This is followed by a pharmacognostical profile of 170 of the major herbs, with a brief description of the diagnostic features of the leaves, flowers, and fruits and monographs with botanical names, common names, synonyms, African names, habitat and distribution, ethnomedicinal uses, chemical constituents, and reported pharmacological activity. The second part of the book provides an introduction to African traditional medicine, outlining African cosmology and beliefs as they relate to healing and the use of herbs, health foods, and medicinal plants. This book presents scientific documentation of the correlation between the observed folk use and demonstrable biological activity, as well as the characterized constituents of the plants.

Advanced Informatics for Computing Research - Ashish Kumar Luhach 2019-09-16

This two-volume set (CCIS 1075 and CCIS 1076) constitutes the refereed proceedings of the Third International Conference on Advanced Informatics for Computing Research, ICAICR 2019, held in Shimla, India, in June 2019. The 78 revised full papers presented were carefully reviewed and selected from 382 submissions. The papers are organized in topical sections on computing methodologies; hardware; information systems; networks; software and its engineering.

Emerging Trends in Electrical, Communications, and Information Technologies - T. Hitendra Sarma 2019-09-24

This book includes original, peer-reviewed research from the 3rd International Conference on Emerging Trends in Electrical, Communication and Information Technologies (ICECIT 2018), held at Srinivasa Ramanujan Institute of Technology, Ananthapuramu, Andhra Pradesh, India in December 2018. It covers

the latest research trends and developments in the areas of Electrical Engineering, Electronic and Communication Engineering, and Computer Science and Information.

Irrigation and Power - 1954

Water Resources Engineering - Challa Satya Murthy 2002

This Book Presents A Comprehensive Treatment Of The Various Dimensions Of Water Resources Engineering. The Fundamental Principles And Design Concepts Relating To Various Structures Are Clearly Highlighted. The Practical Application Of Design Concepts Is Emphasised Throughout The Book. The Text Is Profusely Illustrated By A Large Number Of Detailed Drawings And Photographs. Several Worked Out Examples Are Also Included For A Better Understanding Of The Concepts. Practice Problems And Questions From Various Examinations Are Given For Exercise And Self-Test. This Revised Edition Includes * A New Chapter On River Diversion Head Works Statistical Analysis Of Rainfall And Run-Off Data * Infiltration Indices And Storage Capacity Of Reservoirs * Design Of Sarda Type Canal Drop * Additional Photographs, Diagrams And Examples. The Book Would Serve As An Ideal Text For B.E. Civil Engineering Students And Amie Candidates. Practising Engineers And Candidates Appearing In Various Competitive Examinations Including Gate, Upsc And Ies Would Also Find This Book Very Useful.

Biotechnology and Sustainable Agriculture 2006 and Beyond - Zhihong Xu 2007-12-16

This timely work is a collection of papers presented at the XIth international congress of the International Association of Plant Tissue Culture & Biotechnology. It continues the tradition of the IAPTC&B in publishing the proceedings of its congresses. The work is an up-to-date report on the most significant advances in plant tissue culture and biotechnology as presented by leading international scientists. It will be crucial reading for agricultural scientists, among others.

Present Knowledge in Nutrition - John W. Erdman, Jr. 2012-05-30

Present Knowledge in Nutrition, 10th Edition provides comprehensive coverage of all aspects of human nutrition, including micronutrients, systems biology, immunity, public health, international nutrition, and diet and disease prevention. This definitive reference captures the current state of this vital and dynamic science from an international perspective, featuring nearly 140 expert authors from 14 countries around the world. Now condensed to a single volume, this 10th edition contains new chapters on topics such as epigenetics, metabolomics, and sports nutrition. The remaining chapters have been thoroughly updated to reflect recent developments. Suggested reading lists are now provided for readers wishing to delve further into specific subject areas. An accompanying website provides book owners with access to an image bank of tables and figures as well as any updates the authors may post to their chapters between editions. Now available in both print and electronic formats, the 10th edition will serve as a valuable reference for researchers, health professionals, and policy experts as well as educators and advanced nutrition students.

Chronopharmacology - Björn Lemmer 1989

Chronopharmacology is the study of time-dependent variations in the pharmacokinetics, effects, and side and toxic effects of drugs. After three chapters on basic aspects, the remaining 46 contributions cover various types of drugs and discuss the regulatory issues related to circadian mechanisms and the predictive aspects of the science. Annotation(c) 2003 Book News, Inc., Portland, OR (booknews.com)

Design of Minor Irrigation and Canal Structures - C. Satyanarayana Murty 1990

Disease Control Priorities, Third Edition (Volume 6) - Prabhat Jha 2017-12-04

Infectious diseases are the leading cause of death globally, particularly among children and young adults. The spread of new pathogens and the threat of antimicrobial resistance pose particular challenges in combating these diseases. Major Infectious Diseases identifies feasible, cost-effective packages of interventions and strategies across delivery platforms to prevent and treat HIV/AIDS, other sexually transmitted infections, tuberculosis, malaria, adult febrile illness, viral hepatitis, and neglected tropical diseases. The volume emphasizes the need to effectively address emerging antimicrobial resistance, strengthen health systems, and increase access to care. The attainable goals are to reduce incidence, develop innovative approaches, and optimize existing tools in resource-constrained settings.

Lithium-ion Batteries - 2019

"This is the first machine-generated scientific book in chemistry published by Springer Nature. Serving as an innovative prototype defining the current status of the technology, it also provides an overview about the latest trends of lithium-ion batteries research. This book explores future ways of informing researchers and professionals. State-of-the-art computer algorithms were applied to: select relevant sources from Springer Nature publications, arrange these in a topical order, and provide succinct summaries of these articles. The result is a cross-corpora auto-summarization of current texts, organized by means of a similarity-based clustering routine in coherent chapters and sections. This book summarizes more than 150 research articles published from 2016 to 2018 and provides an informative and concise overview of recent research

into anode and cathode materials as well as further aspects such as separators, polymer electrolytes, thermal behavior and modelling. With this prototype, Springer Nature has begun an innovative journey to explore the field of machine-generated content and to find answers to the manifold questions on this fascinating topic. Therefore it was intentionally decided not to manually polish or copy-edit any of the texts so as to highlight the current status and remaining boundaries of machine-generated content. Our goal is to initiate a broad discussion, together with the research community and domain experts, about the future opportunities, challenges and limitations of this technology."--Publisher's website.