

Rajiv Gandhi National Fellowship 2018 Rgnf Scheme For Sc

RECENT TRENDS IN CHEMICAL SCIENCES AND ENVIRONMENTAL SCIENCE

New Technologies for Reclamation of Industrial Wastewater
 Advances in Growth Curve and Structural Equation Modeling
 Enzymes in Food Biotechnology
 Information Systems Design and Intelligent Applications
 India 2018
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 INDIAN ECONOMY FOR CIVIL SERVICES EXAMINATION
 Proceedings of ICTIS 2018, Volume 2
 Green Synthesis, Characterization and Applications of Nanoparticles
 A Theranostic and Precision Medicine Approach for Female-Specific Cancers
 2 Years Maharashtra Civil Services Mains General Studies Solved Papers 1 to 4 (2018 - 2019) with detailed Explanations
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 I3CS 2020, NEHU, Shillong, India
 Vertebrate Faunal Diversity, Conservation and Management Volume 1
 Volume 2 Issue 1, February 2018
 Journal of Neurology & Neurophysiology : Volume 9
 Basic and Applied Phytoplankton Biology
 India Higher Education Report 2018
 Contemporary Studies in Discrete Mathematics
 Proceedings of 21st World Congress on Neurology and Therapeutics 2018
 FRAMING SYSTEM AND SUSTAINABLE AGRICULTURE
 A Study

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AGUIRRE SAMIR

RECENT TRENDS IN CHEMICAL SCIENCES AND ENVIRONMENTAL SCIENCE Prabhat Prakashan
 Internet of Things (IoT) is a new platform of various physical objects or "things equipped with sensors, electronics, smart devices, software, and network connections. IoT represents a new revolution of the Internet network which is driven by the recent advances of technologies such as sensor networks (wearable and implantable), mobile devices, networking, and cloud computing technologies. IoT permits these the smart devices to collect, store and analyze the collected data with limited storage and processing capacities. Swarm Intelligence for Resource Management in the Internet of Things presents a new approach in Artificial Intelligence that can be used for resources management in IoT, which is considered a critical issue for this network. The authors demonstrate these resource management applications using swarm intelligence techniques. Currently, IoT can be used in many important applications which include healthcare, smart cities, smart homes, smart hospitals, environment monitoring, and video surveillance. IoT devices cannot

perform complex on-site data processing due to their limited battery and processing. However, the major processing unit of an application can be transmitted to other nodes, which are more powerful in terms of storage and processing. By applying swarm intelligence algorithms for IoT devices, we can provide major advantages for energy saving in IoT devices. Swarm Intelligence for Resource Management in the Internet of Things shows the reader how to overcome the problems and challenges of creating and implementing swarm intelligence algorithms for each application Examines the development and application of swarm intelligence systems in artificial intelligence as applied to the Internet of Things Discusses intelligent techniques for the implementation of swarm intelligence in IoT Prepared for researchers and specialists who are interested in the use and integration of IoT and cloud computing technologies
New Technologies for Reclamation of Industrial Wastewater Blue Rose Publishers
 A Theranostic and Precision Medicine Approach for Female-Specific Cancers provides information regarding ongoing research and clinical data surrounding female specific cancers (breast, cervical, ovarian and endometrial cancers). The book encompasses detailed descriptions about diagnostics and therapeutic options for easy understanding, focusing on the subject matter with a broader

range of treatment options. In addition, it explores new theranostics, i.e., diagnostic, therapeutic and precision medicine strategies currently being developed for FSCs. This book is a valuable resource for cancer researchers, clinicians, graduate students and other members of biomedical field who need to understand the most recent and promising approaches to manage FSCs. Explores new diagnostic biomarkers surrounding the early detection and prognosis of FSCs Examines new genetic and molecularly targeted approaches for the treatment of these aggressive diseases Discusses new theranostic approaches that combine diagnosis and treatment through the use of nanotechnology in FSCs Addresses how these various advances can be integrated into a precision and personalized medicine approach that can eventually enhance patient care
Advances in Growth Curve and Structural Equation Modeling Bentham Science Publishers
 Our intention in publishing this book was to discuss and interpret all of the major issues in the chemical and environmental science disciplines, because this book covers such a broad range of chemical and environmental science research area. Rather, we have selected the themes and challenges, briefly defined them and demonstrated how they connect, clarified the terminology, and indicated where further research may be accessed. We hope that the result is an excellent

introduction to 'chemical and environmental science. It is primarily aimed towards researchers in chemical science and related fields, but it should be accessible to new researchers as well. We have explored into more depth on issues that have received little attention elsewhere. There are several useful sources for topics such as chemical science, environmental science, nanotechnology, ionic liquids, solid waste management, photodegradation, Nanomaterial, adsorption of hazardous metals, and conducting polymers. However we attempted to provide up-to-current knowledge, we are well aware that books may soon go out of date if they seek to provide too much detail, so we concentrated on basic concepts that should not go out of fashion too quickly. Our book differs somewhat from other texts in the chemical and environmental sciences in its concentration. We have focused on ideas and theories because we feel that a solid grasp of them will be more useful in the long run than specifics of present systems, services, and approaches. We've also highlighted the dimension since we feel it's critical to understand where the discipline and its components originated from and why some things are the way they are. This approach is based on the research, with several references provided at the end of each chapter for convenience. Our intention is that the content of this book will be sufficient to provide a fundamental knowledge of the entire field, and that readers will refer to the references for more information and examples of the parts of which they are most interested. The conclusion words and captions, as well as the important references, at the conclusion of each chapter are intended to present the main points in a factual way.

Enzymes in Food Biotechnology Publications Division Ministry of Information & Broadcasting

The book entitled "Contaminants in Agriculture and Environment: Health Risks and Remediation" is focused on the emerging contaminants in agriculture and environment and it will be helpful for the researchers, academicians, scientists, UG and PG students and other stakeholders engaged in the field of agriculture and environmental studies. The contaminants of crops, vegetables, fruits, fishes, grains and pulses and their health effects and impact of pollutants on human/animal health, growth and productivity of agricultural crops.

Information Systems Design and Intelligent Applications Springer

Omics Technologies and Bio-Engineering: Towards Improving Quality of Life, Volume 2 is a unique reference that brings together multiple perspectives on omics research, providing in-depth analysis and insights from an international team of authors. The book delivers pivotal information that will inform and improve medical and biological research by helping readers gain more direct access to analytic data, an increased understanding on data evaluation, and a comprehensive picture on how to use omics data in molecular biology, biotechnology and human health care. Covers various aspects of biotechnology and bio-engineering using omics technologies Focuses on the latest developments in the field, including biofuel technologies Provides key insights into omics approaches in personalized and precision medicine Provides a complete picture on how one can utilize omics data in molecular biology, biotechnology and human health care

THANUJ INTERNATIONAL PUBLISHERS

India 2018 - A Reference Annual is a comprehensive digest of country's progress in different fields. The book deal with all aspects of development-from rural to urban, industry to infrastructure, science and technology, art and culture, economy, health, defence, education and mass communication. The sections on general knowledge, current affairs, sports and important events, are a must read for comprehensive understanding of these fields. With its authenticity of facts and data, the book is a treasure for students, researchers and academicians.

India 2018 Elsevier

This reference provides information about recent trends in bryology in parts of India, tropical rainforests and arctic regions. Bryophytes are the earliest land plants and quite fascinating in their overall diversity. All through its history, bryological study has contributed considerably to the field of plant sciences, for instance, the discovery of sex chromosomes in plants. The study of bryophytes is fundamental to our understanding of land plant evolution, and the latest progress in molecular phylogenetics and genomics have given researchers a clear depiction of land colonization of plants and subsequent terrestrial progression. Ecologically, the importance of bryophytes for the participation in biogeochemical cycles, in particular carbon cycle is now appreciated. Further, there has been an escalating interest in the conservation biology of bryophytes. The contributors have put forward holistic information regarding current research scenario of bryology in a range of environments to readers learning about research in applied bryology. The compilation of reviews presents reported findings related to various aspects of the subject, such as, conservation, diversity, tissue culture, bio-monitoring, computational bryology,

molecular bryology, and species. Botanists and bryologists will receive updated information that will be valuable for their research work. The reader-friendly text is also suitable for beginners in applied plant science. Recent Advances in Botanical Science provides updated research and reviews on topics related to plant biology, genetics, taxonomy and ecology. The series is a useful resource for readers interested in applied plant science.

Microorganisms for Sustainable Environment and Health Academic Press

March 15-17, 2018 London, UK Key Topics : Neurology, Migraine and Neuropathic pain, Neurodegenerative disorders, Neuropediatrics and Neurorehabilitation, Neuroinfections and Neuroimmunology, Neurological Disorders, Neuromuscular Disorders, Neuroimaging and Radiology, Neurosurgery and Neural Circuits, Neuropharmacology, Neurogenetics, Central nervous system, Clinical Neurology and Neuropsychiatry, Neurotherapeutics, Diagnostics and Case Studies, Neurological Nursing, ,

Agricultural Reform ConferenceSeries

This book consists of full research papers submitted by scientists/faculty/research scholars who attended the conference on "Earth and Environment: Pollution and Prevention" held at Amity University, Noida from January 28-30, 2014 and had their abstracts published in the conference proceedings. The selected contributions mainly address contemporary issues related to environmental contamination such as industrial wastewater characterization and treatment, microplastics, temporal mount of air pollutants, atmospheric EC, ecofriendly catalytic technology for textile waste, dairy industry, waste water treatment, industrial air pollution, and plant isoprene emissions. The eight studies in the book will be of interest to environmental pollution researchers and students, as well as scientists interested in the proceedings from the " Earth and Environment: Pollution and Prevention" meeting.

Contemporary Research on Bryophytes India Higher Education Report 2018Financing of Higher Education

Synthesis of Medicinal Agents from Plants highlights the importance of synthesizing medicinal agents from plants and outlines methods for performing it effectively. Beginning with an introduction to the significance of medicinal plants, the book goes on to provide a historical overview of drug synthesis before exploring how this can be used to successfully replicate and adapt the active agents from natural sources. Chapters then explore the medicinal properties of a number of important plants, before concluding with a discussion of the future of drugs from medicinal plants. Illustrated with real-world examples, it is a practical resource for researchers in this field. In an age of rapid environmental destruction, hundreds of medicinal plants are at risk of extinction from overexploitation and deforestation, limiting the natural resources available for active agent extraction, thereby threatening the discovery of future cures for diseases. Simultaneously, with the increasing population and advances in medical sciences, the demand for drugs is continuously increasing and cannot be met with just plants. The ability to synthetically replicate the active compounds from these plants is essential in creating an ecologically-aware, sustainable future for drug design Includes detailed coverage of therapeutic compound synthesis Uses multiple real-world examples to support content Lays out a sustainable template for the future of developing active agents from natural products

Topics from the Indian Statistical Institute on the 125th Birth Anniversary of PC Mahalanobis Springer Nature

This book offers a comprehensive account of India's four biodiversity hotspots: the Himalaya, Indo-Burma, Western Ghats and Sri Lanka and Andaman and Nicobar Islands. With a focus on tropical rainforests, it includes more than 30 chapters covering different vertebrate fauna e.g. fishes, amphibians, reptiles, birds, and mammals, as well as topics such as conservation and management aspects. Written by experts in the field of biodiversity conservation and management, it offers ample new insights into a number of subjects related to the faunal communities of tropical forest ecosystems, providing a valuable resource for conservationists and researchers in the field of flora and fauna diversity.

PUBLIC ADMINISTRATION IN INDIA: ASPECTS AND PROSPECT IGI Global

New Technologies for Reclamation of Industrial Wastewater provides information on several types of industrial wastewaters containing a variety of toxic and recalcitrant compounds. It also focuses on the ecotoxicological and health hazards posed by the chemicals released along with industrial effluents. It covers various conventional as well as modern wastewater-treatment technologies and their advantages and disadvantages. Features: Elucidates various types of industrial wastewaters generated, their fate and consequences Describes the ecotoxicological and health implications of

industrial contaminants Provides details on conventional treatment technologies along with modern and emerging wastewater-treatment methods Discusses the merits and demerits of both conventional and emerging treatment technologies

Genetics and Genomics to Enhance Crop Production, Towards Food Security Cambridge Scholars Publishing

Microorganisms for Sustainable Environment and Health covers hazardous pollutants released from natural as well as anthropogenic activities and implications on environmental and human health. This book serves as a valuable source of basic knowledge and recent developments in the clean technologies and pollution-associated diseases and abnormalities in the context of microorganisms. Focused on current solutions to various environmental problems in the field of bioremediation, it provides a detailed knowledge on the various types of toxic environmental pollutants discharged from different sources, their toxicological effects in environments, humans, animals and plants as well as their biodegradation and bioremediation approaches. This book helps environmental scientists and microbiologists learn about existing environmental problems and suggests ways to control or contain their effects by employing various treatment approaches. Provides information on waste treatment approaches using microbes Includes applications in biofuel and bioenergy production Covers green belt development, hydroponics, phytoremediation, wetland treatment technology, and common effluent treatment plants (CETPs) Discusses dissemination of antibiotic resistance among pathogenic microbes and strategies to combat multi-drug resistance (MDR)

Sequencing Technologies in Microbial Food Safety and Quality CRC Press

Manufacturing Engineering Education includes original and unpublished chapters that develop the applications of the manufacturing engineering education field. Chapters convey innovative research ideas that have a prodigious significance in the life of academics, engineers, researchers and professionals involved with manufacturing engineering. Today, the interest in this subject is shown in many prominent global institutes and universities, and the robust momentum of manufacturing has helped the U.S. economy continue to grow throughout 2014. This book covers manufacturing engineering education, with a special emphasis on curriculum development, and didactic aspects. Includes original and unpublished chapters that develop the applications of the manufacturing engineering education principle Applies manufacturing engineering education to curriculum development Offers research ideas that can be applied to the work of academics, engineers, researchers and professionals

The Performance of Tribal Sarpanches in Andhra Pradesh CRC Press

India Higher Education Report 2018Financing of Higher EducationSAGE Publications India

Membrane-based Hybrid Processes for Wastewater Treatment Infinite Study

Volume 2 Issue 1 of the journal "Contemporary Studies in Discrete Mathematics"

Interfaces Between Nanomaterials and Microbes Springer

Globalization has given the world opportunities to bring people together in ways previously undreamt of in both real and virtual worlds. However, it has privileged industrialized capitalist growth and initiated a series of environmental, financial, demographic and political crises. The poorest people on the planet have been most adversely affected, through loss of jobs, low-paid work that is insufficient to provide a decent standard of living, health hazards, rising food and energy prices, environmental degradation, armed conflict and resource depletion. In this context, the Millennium Development Goals (MDGs) which had looked to a more prosperous future for the planet's most disadvantaged people only a few years ago are unlikely to be met across the board. And the challenges of environmental degradation question the very relevance of the MDG targets in contemporary societies.

Recent Advancements in Software Reliability Assurance SGOC PUBLICATION

The book gathers papers addressing state-of-the-art research in all areas of Information and Communication Technologies and their applications in intelligent computing, cloud storage, data mining and software analysis. It presents the outcomes of the third International Conference on Information and Communication Technology for Intelligent Systems, which was held on April 6-7, 2018, in Ahmedabad, India. Divided into two volumes, the book discusses the fundamentals of various data analytics and algorithms, making it a valuable resource for researchers' future studies.

INDIAN ECONOMY FOR CIVIL SERVICES EXAMINATION Horizon Books (A Division of Ignited Minds Edutech P Ltd)

International J. Mathematical Combinatorics is a fully refereed international journal. Topics in detail

to be covered are: Smarandache multi-spaces with applications to other sciences, such as those of algebraic multi-systems, multi-metric spaces; Smarandache geometries; Differential Geometry; Geometry on manifolds; Topological graphs; Algebraic graphs; Random graphs; Combinatorial maps; Graph and map enumeration; Combinatorial designs; Combinatorial enumeration; Low Dimensional Topology; Differential Topology; Topology of Manifolds; Geometrical aspects of Mathematical Physics and Relations with Manifold Topology; Applications of Smarandache multi-spaces to theoretical physics; Applications of Combinatorics to mathematics and theoretical physics; Mathematical theory on gravitational fields; Mathematical theory on parallel universes;

Other applications of Smarandache multi-space and combinatorics.

Proceedings of ICTIS 2018, Volume 2 Academic Press

Membrane-Based Hybrid Processes for Wastewater Treatment analyzes and discusses the potential of membrane-based hybrid processes for the treatment of complex industrial wastewater, the recovery of valuable compounds, and water reutilization. In addition, recent and future trends in membrane technology are highlighted. Industrial wastewater contains a large variety of compounds, such as heavy metals, salts and nutrients, which makes its treatment challenging. Thus, the use of conventional water treatment methods is not always effective. Membrane-based

hybrid processes have emerged as a promising technology to treat complex industrial wastewater. Discusses the properties, mechanisms, advantages, limitations and promising solutions of different types of membrane technologies Addresses the optimization of process parameters Describes the performance of different membranes Presents the potential of Nanotechnology to improve the treatment efficiency of wastewater treatment plants (WWTPs) Covers the application of membrane and membrane-based hybrid treatment technologies for wastewater treatment Includes forward osmosis, electro dialysis, and diffusion dialysis Considers hybrid membrane systems expanded to cover zero liquid discharge, salt recovery, and removal of trace contaminants

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