

## Swamy Success Guide Annamalai University For Mcom

Emerging Trends in Electrical, Communications, and Information Technologies  
Data Engineering and Communication Technology  
Advances in Structural Engineering  
Quality, Reliability, Security and Robustness in Heterogeneous Networks  
The Mind of an Engineer: Indian Books in Print  
Face to Face with Sri Ramana Maharshi  
Global Indian Diasporas  
The Indian Rivers  
The Coconut Palm (Cocos nucifera L.) - Research and Development Perspectives  
National 5 Mathematics Success Guide  
Interventional Cardiology and Cardiac Catheterisation  
Another Garland  
Survey of Hinduism, A  
Proceedings of the International Conference on Soft Computing Systems  
The Emergence of Modern Hinduism  
Time Out Edinburgh  
Quantification of Climate Variability, Adaptation and Mitigation for Agricultural Sustainability  
Management of Water, Energy and Bio-resources in the Era of Climate Change: Emerging Issues and Challenges  
India's New Capitalists  
Structural Assessment  
Proceedings of 3rd International Conference on Advanced Computing, Networking and Informatics  
Emerging ICT for Bridging the Future - Proceedings of the 49th Annual Convention of the Computer Society of India (CSI)  
Nanotechnology  
Nutraceuticals in Veterinary Medicine  
Fuzzy and Neutrosophic Analysis of Periyar's Views on Untouchability  
Marine Biomaterials  
Inner Awakening  
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Environmental Biotechnology Vol. 2

### Emerging Trends in Electrical, Communications, and Information Technologies

#### Data Engineering and Communication Technology

#### Advances in Structural Engineering

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.

## **Quality, Reliability, Security and Robustness in Heterogeneous Networks**

Of the many varieties of date palms, the species *Phoenix dactylifera* Linn. is cultivated extensively and traded and consumed worldwide. *Dates: Production, Processing, Food, and Medicinal Values* draws from a broad spectrum of contributors to present a comprehensive survey of this particular species. The book explores a range of essential facets of w

## **The Mind of an Engineer:**

This book sheds new light on Indian communication cultures and the critical philosophical trajectories of Gilles Deleuze and Felix Guattari. It explores issues such as contemporary communication cultures in India, nationalism, subjectivities, negotiating and protesting bodies, music on social media, children on reality television, and the materialities of Indian films. The book provides a balance between issues of communication from a philosophical perspective and issues of philosophy from a communication perspective in the Indian context. This engaging examination of two modes of thought is an important resource for anyone interested in communication studies, modern philosophy, cultural and media studies.

## **Indian Books in Print**

Advanced Computing, Networking and Informatics are three distinct and mutually exclusive disciplines of knowledge with no apparent sharing/overlap among them. However, their convergence is observed in many real world applications, including cyber-security, internet banking, healthcare, sensor networks, cognitive radio, pervasive computing amidst many others. This two volume proceedings explore the combined use of Advanced Computing and Informatics in the next generation wireless networks and security, signal and image processing, ontology and human-computer interfaces (HCI). The two volumes together include 132 scholarly articles, which have been accepted for presentation from over 550 submissions in the Third International Conference on Advanced Computing, Networking and Informatics, 2015, held in Bhubaneswar, India during June 23-25, 2015.

## **Face to Face with Sri Ramana Maharshi**

This book examines the role of physical testing in the development of design methods for new structural forms, new constructional materials and techniques, as well new approaches to the maintenance, repair and operation of structures.

## **Global Indian Diasporas**

## **The Indian Rivers**

Comprehensively researched by expert writers who live, work, and play in the Scottish capital, the Edinburgh Guide offers complete and critical round-ups of the arts and entertainment and the inspiring sights, architecture, museums, and galleries of the "Athens of the North"; overviews of trips into the Scottish Highlands and rolling Borders; survival tips for the Edinburgh Festival and Fringe; help on where to stay, what to eat, and where to find the best shortbread and whiskey; and extensive and detailed coverage of trendy Glasgow. The guide is key to any adventure in or around this unique city.

## **The Coconut Palm (Cocos nucifera L.) - Research and Development Perspectives**

Since the publication of "The coconut palm - A monograph" in 1960, considerable information has been accrued on the crop through work at research institutes, international organisations and development agencies. Although coconut cultivation is spread over 93 countries, providing employment and creating livelihood opportunities to 64 million families around the globe, smallholder coconut farmers are now facing numerous challenges. The wide gap between the potential and actual yield is a major concern, and as such it is necessary to disseminate knowledge in order to implement research findings. Coconut research in India, one of the leading coconut producing countries, is celebrating its centenary, making this an opportune time to review the research and development advances and the relevant technologies. This detailed, comprehensive book covers all aspects of coconut, from the origins to cultivation, breeding, physiology and value addition, as well as subjects of topical interest like nutrition and health, biotechnology, and climate change and carbon sequestration. Written by leading experts in the fields it emphasises that the livelihood of the small coconut landholders is the ultimate aim of scientists and developmental agencies, and outlines various important strategies to make coconut farming more remunerative globally. It discusses work in all the major coconut growing countries and outlines suggestions for international cooperation. Research work on the crop is comparatively difficult because of its perennial nature, longevity, height, long juvenile phase, large sized nuts, cross pollination and seed propagation. As these special features necessitate greater investment of resources, time and land, it is all the more imperative that research is not duplicated and the information and experience becoming available around the world is shared so that it can be fully utilised. In this context periodic publications, compiling all the available information on coconut assume greater significance. This book is therefore of great value to researchers, students, extension workers, developmental agencies and progressive farmers.

## **National 5 Mathematics Success Guide**

The book features research papers presented at the International Conference on Computer Networks and Inventive

Communication Technologies (ICCNCT 2018), offering significant contributions from researchers and practitioners in academia and industry. The topics covered include computer networks, network protocols and wireless networks, data communication technologies, and network security. Covering the main core and specialized issues in the areas of next-generation wireless network design, control, and management, as well as in the areas of protection, assurance, and trust in information security practices, these proceedings are a valuable resource, for researchers, instructors, students, scientists, engineers, managers, and industry practitioners.

## **Interventional Cardiology and Cardiac Catheterisation**

Oceans are an abundant source of diverse biomaterials with potential for an array of uses. *Marine Biomaterials: Characterization, Isolation and Applications* brings together the wide range of research in this important area, including the latest developments and applications, from preliminary research to clinical trials. The book is divided into four parts, with chapters written by experts from around the world. Biomaterials described come from a variety of marine sources, such as fish, algae, microorganisms, crustaceans, and mollusks. Part I covers the isolation and characterization of marine biomaterials—bioceramics, biopolymers, fatty acids, toxins and pigments, nanoparticles, and adhesive materials. It also describes problems that may be encountered in the process as well as possible solutions. Part II looks at biological activities of marine biomaterials, including polysaccharides, biotoxins, and peptides. Chapters examine health benefits of the biomaterials, such as antiviral activity, antidiabetic properties, anticoagulant and anti-allergic effects, and more. Part III discusses biomedical applications of marine biomaterials, including nanocomposites, and describes applications of various materials in tissue engineering and drug delivery. Part IV explores commercialization of marine-derived biomaterials—marine polysaccharides and marine enzymes—and examines industry perspectives and applications. This book covers the key aspects of available marine biomaterials for biological and biomedical applications, and presents techniques that can be used for future isolation of novel materials from marine sources.

## **Another Garland**

*Global Indian Diasporas* discusses the relationship between South Asian emigrants and their homeland, the reproduction of Indian culture abroad, and the role of the Indian state in reconnecting emigrants to India. Focusing on the limits of the diaspora concept, rather than its possibilities, this volume presents new historical and anthropological research on South Asian emigrants worldwide. From a comparative perspective, examples of South Asian emigrants in Suriname, Mauritius, East Africa, Canada, and the United Kingdom are deployed in order to show that in each of these regions there are South Asian emigrants who do not fit into the Indian diaspora concept—raising questions about the effectiveness of the diaspora as an academic and sociological index, and presenting new and controversial insights in diaspora issues.

## **Survey of Hinduism, A**

Through what he terms "bibliographical sociology", Suman Gupta explores the presence of English-language publications in the contemporary Indian context – their productions, circulations and readerships – to understand current social trends.

## **Proceedings of the International Conference on Soft Computing Systems**

## **The Emergence of Modern Hinduism**

This book highlights the implications of nanotechnology and the effects of nanoparticles on agricultural systems, their interactions with plants as well as their potential applications as fertilizers and pesticides. It also discusses how innovative, eco-friendly approaches to improve food and agricultural systems lead to increased plant productivity. Further, it offers insights into the current trends and future prospects of nanotechnology along with the benefits and risks and their impact on agricultural ecosystems. Nanomaterials in agriculture reduce the amount of chemical products sprayed by means of smart delivery of active ingredients; minimize nutrient losses in fertilization; and increase yields through optimized water and nutrient management. There is also huge potential for nanotechnology in the provision of state-of-the-art solutions for various challenges faced by agriculture and society, both today and in the future.

## **Time Out Edinburgh**

The third edition of this well-regarded introduction to Hinduism adds new material on the religion's origins, on its relations with rival traditions, and on Hindu science.

## **Quantification of Climate Variability, Adaptation and Mitigation for Agricultural Sustainability**

## **Management of Water, Energy and Bio-resources in the Era of Climate Change: Emerging Issues and Challenges**

Cardiology is becoming an increasingly complex field understood by only a select group of medical specialists. This publication demystifies many difficult topics in interventional cardiology and cardiac catheterisation, commencing with the

basics of laboratory instrumentation and technology and progressing to a comprehensive review of both new and established cardiac interventions. Unlike other publications that are directed mainly towards clinicians, this text is specifically written to assist newcomers such as such as medical trainees, nurses, technicians, scientific staff and other allied health professionals understand the wonders of interventional cardiology, and includes extensive explanations of the techniques of angiography, and new percutaneous. The comprehensive information presented herein, written by recognised specialists in their respective fields, will no doubt prove of great benefit to clinician and non-medical specialist alike.

## **India's New Capitalists**

The book presents research papers presented by academicians, researchers, and practicing structural engineers from India and abroad in the recently held Structural Engineering Convention (SEC) 2014 at Indian Institute of Technology Delhi during 22 – 24 December 2014. The book is divided into three volumes and encompasses multidisciplinary areas within structural engineering, such as earthquake engineering and structural dynamics, structural mechanics, finite element methods, structural vibration control, advanced cementitious and composite materials, bridge engineering, and soil-structure interaction. Advances in Structural Engineering is a useful reference material for structural engineering fraternity including undergraduate and postgraduate students, academicians, researchers and practicing engineers.

## **Structural Assessment**

Exam Board: SQALevel: National 5Subject: MathematicsFirst Teaching: 2013, First Exam: 2014 National 5 Mathematics Success Guide provides easy-to-use and value-for-money revision for all abilities and learning styles. \* Colourful double-page spreads aid both comprehensive and revision planning\* Topics are broken down into small, easily managed sections, complemented with lots of diagrams and illustrations to aid retention\* Quick Tests and Top Tips help keep students focused on the exam's precise demands\* Revision checklists help students to manage and track their progress in the lead up to the exam\* A glossary present all of the key terms and definitions essential for the exam Guidance on how the new National 5 course and assessments are structured is included. All the popular features of this tried and trusted series are retained in the new National 5 Guides.

## **Proceedings of 3rd International Conference on Advanced Computing, Networking and Informatics**

Plants produce a vast number of bioactive compounds with different chemical scaffolds, which modulate a diverse range of molecular targets and are used as drugs for treating numerous diseases. Most present-day medicines are derived either

from plant compounds or their derivatives, and plant compounds continue to offer limitless reserves for the discovery of new medicines. While different classes of plant compounds, like phenolics, flavonoids, saponins and alkaloids, and their potential pharmacological applications are currently being explored, their curative mechanisms are yet to be understood in detail. This book is divided into 2 volumes and offers detailed information on plant-derived bioactive compounds, including recent research findings. Volume 1, Plant-derived Bioactives: Chemistry and Mode of Action, discusses the chemistry of highly valued plant bioactive compounds and their mode of actions at the molecular level. Volume 2, Plant-derived Bioactives: Production, Properties and Therapeutic Applications, explores the sources, biosynthesis, production, biological properties and therapeutic applications of plant bioactives. Given their scope, these books are valuable resources for members of the scientific community wishing to further explore various medicinal plants and the therapeutic applications of their bioactive compounds. They appeal to scholars, teachers and scientists involved in plant product research, and facilitate the development of innovative new drugs.

## **Emerging ICT for Bridging the Future - Proceedings of the 49th Annual Convention of the Computer Society of India (CSI)**

Given our rapidly growing population, the need for judicious management of essential natural resources is becoming a major challenge for planners, managers and scientists/researchers. This book presents a multidisciplinary approach to managing water, energy and bio-resources, described in papers contributed by distinguished scientists and academics working at reputed universities and institutions around the globe. It includes 28 chapters grouped into three sections: Water Resources Management; Energy and Bio-resources Management; and Climate and Natural Resources Management, examining case studies from all over the world. These contributions address current challenges, offering modern techniques for managing these resources in various geographical regions. This volume will provide a valuable asset for researchers and students, managers, environmentalists, hydrologists, water resource and energy managers, governmental and other regulatory bodies dealing with water, energy and bio-resources.

## **Nanotechnology**

This unique work compiles the latest knowledge around veterinary nutraceuticals, commonly referred to as dietary supplements, from ingredients to final products in a single source. More than sixty chapters organized in seven sections collate all related aspects of nutraceutical research in animal health and disease, among them many novel topics: common nutraceutical ingredients (Section-I), prebiotics, probiotics, synbiotics, enzymes and antibacterial alternatives (Section-II), applications of nutraceuticals in prevention and treatment of various diseases such as arthritis, periodontitis, diabetes, cognitive dysfunctions, mastitis, wounds, immune disorders, and cancer (Section-III), utilization of nutraceuticals in specific

animal species (Section-IV), safety and toxicity evaluation of nutraceuticals and functional foods (Section-V), recent trends in nutraceutical research and product development (Section-VI), as well as regulatory aspects for nutraceuticals (Section-VII). The future of nutraceuticals and functional foods in veterinary medicine seems bright, as novel nutraceuticals will emerge and new uses of old agents will be discovered. International contributors to this book cover a variety of specialties in veterinary medicine, pharmacology, pharmacognosy, toxicology, chemistry, medicinal chemistry, biochemistry, physiology, nutrition, drug development, regulatory frameworks, and the nutraceutical industry. This is a highly informative and carefully presented book, providing scientific insight for academia, veterinarians, governmental and regulatory agencies with an interest in animal nutrition, complementary veterinary medicine, nutraceutical product development and research.

## **Nutraceuticals in Veterinary Medicine**

This book constitutes the refereed conference proceedings of the 12th EAI International Conference on Quality, Reliability, Security and Robustness in Heterogeneous Networks, QShine 2016, held in Seoul, South Korea, in July 2016. The 27 full papers, 5 short papers and 18 workshop papers were selected from 85 submissions. The papers are organized thematically in tracks, starting with network security, followed by QoS, reliability and modeling, wireless and mobile networks. In addition the papers of two workshops are included: International Workshop on 5G Communication Architecture and Technology (5G-CAT 2016), and the 2nd International Workshop on Sensor Networks and Cloud Computing (SNCC 2016).

## **Fuzzy and Neutrosophic Analysis of Periyar's Views on Untouchability**

This book is a comprehensive volume dealing with climate change impacts on agriculture, and which can help guide the redesign of agricultural management and cropping systems. It includes mitigation techniques such as use of bioenergy crops, fertilizer and manure management, conservation tillage, crop rotations, cover crops and cropping intensity, irrigation, erosion control, management of drained wetlands, lime amendments, residue management, biochar and biotechnology. It also includes Management of GHG emissions Crop models as decision support tools QTL analysis Crop water productivity Impacts of drought on cereal crops Silvopastoral systems Changing climate impact on wheat-based cropping systems of South Asia Phosphorous dynamics under changing climate Role of bioinformatics The focus of the book is climate change mitigation to enhance sustainability in agriculture. We present various kinds of mitigation options, ways to minimize GHG emissions and better use of the latest techniques in conservation and environmental-sustainability.

## **Marine Biomaterials**

The book is a collection of high-quality peer-reviewed research papers presented in International Conference on Soft Computing Systems (ICSCS 2015) held at Noorul Islam Centre for Higher Education, Chennai, India. These research papers provide the latest developments in the emerging areas of Soft Computing in Engineering and Technology. The book is organized in two volumes and discusses a wide variety of industrial, engineering and scientific applications of the emerging techniques. It presents invited papers from the inventors/originators of new applications and advanced technologies.

### **Inner Awakening**

This volume contains 73 papers presented at CSI 2014: Emerging ICT for Bridging the Future: Proceedings of the 49th Annual Convention of Computer Society of India. The convention was held during 12-14, December, 2014 at Hyderabad, Telangana, India. This volume contains papers mainly focused on Fuzzy Systems, Image Processing, Software Engineering, Cyber Security and Digital Forensic, E-Commerce, Big Data, Cloud Computing and ICT applications.

### **Dates**

This book includes selected papers presented at the 3rd International Conference on Data Engineering and Communication Technology (ICDECT-2K19), held at Stanley College of Engineering and Technology for Women, Hyderabad, from 15 to 16 March 2019. It features advanced, multidisciplinary research towards the design of smart computing, information systems, and electronic systems. It also focuses on various innovation paradigms in system knowledge, intelligence, and sustainability which can be applied to provide viable solutions to diverse problems related to society, the environment, and industry.

### **South India**

A free open access ebook is available upon publication. Learn more at [www.luminosoa.org](http://www.luminosoa.org). The Emergence of Modern Hinduism argues for the importance of regional, vernacular innovation in processes of Hindu modernization. Scholars usually trace the emergence of modern Hinduism to cosmopolitan reform movements, producing accounts that overemphasize the centrality of elite religion and the influence of Western ideas and models. In this study, the author considers religious change on the margins of colonialism by looking at an important local figure, the Tamil Shaiva poet and mystic Ramalinga Swami (1823–1874). Weiss narrates a history of Hindu modernization that demonstrates the transformative role of Hindu ideas, models, and institutions, making this text essential for scholarly audiences of South Asian history, religious studies, Hindu studies, and South Asian studies.

## **Intelligent Computing and Innovation on Data Science**

### **International Conference on Computer Networks and Communication Technologies**

For the first time, the social problem of untouchability, which is peculiar to India, is being studied mathematically. We have used Fuzzy Cognitive Maps and Neutrosophic Cognitive Maps to analyze the views of the revolutionary Periyar E. V. Ramasamy (17.09.1879 24.12.1973) who relentlessly worked for more than five decades to secure the rights of the oppressed people who were considered untouchables. This thought-provoking book will be of great interest to human rights activists, socio-scientists, historians, and above all, mathematicians. From UNESCO citation: Periyar, The Prophet of the New Age, The Socrates of South East Asia, Father of the Social reform Movement and Arch Enemy of Ignorance, Superstition, Meaningless Customs and Baseless Manners.

### **Innovations in Electrical and Electronics Engineering**

This book is a collection of selected research papers presented at the International Conference on Innovations in Electrical and Electronics Engineering (ICIEEE 2019), which was organized by the Guru Nanak Institutions, Ibrahimpatnam, Hyderabad, Telangana, India, on July 26–27, 2019. The book highlights the latest developments in electrical and electronics engineering, especially in the areas of power systems, power electronics, control systems, electrical machinery, and renewable energy. The solutions discussed here will encourage and inspire researchers, industry professionals, and policymakers to put these methods into practice.

### **Sruti**

Ramana Maharshi, 1879-1950, Hindu philosopher and saint from Tamil Nadu, India.

### **Deleuzian and Guattarian Approaches to Contemporary Communication Cultures in India**

This book covers both basic and high-level concepts relating to the intelligent computing paradigm and data sciences in the context of distributed computing, big data, data sciences, high-performance computing and Internet of Things. It is becoming increasingly important to develop adaptive, intelligent computing-centric, energy-aware, secure and privacy-aware systems in high-performance computing and IoT applications. In this context, the book serves as a useful guide for industry practitioners, and also offers beginners a comprehensive introduction to basic and advanced areas of intelligent

computing. Further, it provides a platform for researchers, engineers, academics and industrial professionals around the globe to showcase their recent research concerning recent trends. Presenting novel ideas and stimulating interesting discussions, the book appeals to researchers and practitioners working in the field of information technology and computer science.

## **Annamalai Swami**

This work has been selected by scholars as being culturally important, and is part of the knowledge base of civilization as we know it. This work was reproduced from the original artifact, and remains as true to the original work as possible. Therefore, you will see the original copyright references, library stamps (as most of these works have been housed in our most important libraries around the world), and other notations in the work. This work is in the public domain in the United States of America, and possibly other nations. Within the United States, you may freely copy and distribute this work, as no entity (individual or corporate) has a copyright on the body of the work. As a reproduction of a historical artifact, this work may contain missing or blurred pages, poor pictures, errant marks, etc. Scholars believe, and we concur, that this work is important enough to be preserved, reproduced, and made generally available to the public. We appreciate your support of the preservation process, and thank you for being an important part of keeping this knowledge alive and relevant.

## **Consumable Texts in Contemporary India**

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.

## **Sun**

This book provides the technological insight on biorefinery and nanoremediation and provides comprehensive reviews on applications of Biochar for environmental sustainability. Critical review on biosurfactants in food applications as well as sustainable agricultural practices has also been provided in this book. It also highlights the microbial-omics and microRNAs for protecting ecotoxicity. Overall, this book provides critical as well as comprehensive chapters on wastewater treatment using different technologies.

## **Plant-derived Bioactives**

The book presents geomorphological studies of the major river basins – the Indus, Ganga and Brahmaputra and their tributaries. Besides major basins, the book explores peninsular rivers and other rivers state-by-state. All types of rivers, i.e. snow-fed, rain-fed and groundwater-fed rivers are explained together in geological framework. Rivers are lifeline and understanding of the rivers, their dynamics, science and socio-economic aspect is very important. However, different sources provide different data base for rivers. But a book which explains all major rivers of a country at a single place was not yet available. This book is the first book of its kind in the world which provides expert opinion on all major rivers of a country like India. This book complements works in these areas for the last two to three decades on major rivers of India by eminent professors and scientists from different universities, IITs and Indian research institutions. The information presented in the book would appeal to a wider readership from students, teachers to researchers and planners engaged in developmental work and also to common people of the society concerned with awareness about rivers.

## **Environmental Biotechnology Vol. 2**

This book is a collection of chapters reflecting the experiences and achievements of some of the Fellows of the Indian National Academy of Engineering (INAE). The book comprises essays that look at reminiscences, eureka moments, inspirations, challenges and opportunities in the journey of an engineering professional. The chapters look at the paths successful engineering professionals take towards self-realisation, the milestones they crossed, and the goals they reached. The book contains 38 chapters on diverse topics that truly reflect the way the meaningful mind of an engineer works.

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