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Artificial Intelligence Theory, Models, and Applications Handbook of Universities Manual of Tamil Nadu Acts and Rules: Education, The Bharathiar University Act, The Bharathidasan University Act, The Madras University Act, The Madurai - Kamaraj University Act 2016 IEEE International Conference on Advances in Computer Applications Status of Education Handbook of Research on Digital Content Management and Development in Modern Libraries Disaster Management Handbook of Research on Cultural and Economic Impacts of the Information Society New Age Education Models THE OPPORTUNITIES OF UNCERTAINTIES: FLEXIBILITY AND ADAPTATION NEEDED IN CURRENT CLIMATE Volume I (Social Science and ICT) Her Smile Incorporating the Internet of Things in Healthcare Applications and Wearable Devices British Administration in the Madras Presidency, 1858-1862 A.D. MANAGEMENT OF SCHOOL EDUCATION Sree Ramu College Planning and Managing Projects with PRIMAVERA (P6) Project Planner Woman, Marriage and Family Sampling Techniques in Educational Research Banana Fibre and Products Professor's Diary Quantitative Techniques for Management Nanoparticles in the Fight Against Parasites THE DECADES OF MY LIFE Pharmacological Assays of Plant-Based Natural Products Pneuma Handbook of Research on Sustaining SMEs and Entrepreneurial Innovation in the Post-COVID-19 Era Brand Management Industry 4.0 Technologies for Education Nanocomposite Materials for Sensor Modern Physics Modern Physics, 18th Edition Natural Product Experiments in Drug Discovery Nanophytomedicine ENTREPRENEURSHIP IN INDIAN AGRICULTURE Handbook of Research on the Adverse Effects of Pesticide Pollution in Aquatic Ecosystems Paraasakthi & Manokara Business Analytics and Intelligence in Digital Era Plastics Waste Management Issues in Life Sciences—Bacteriology, Parasitology, and Virology: 2013 Edition Object Oriented Programming in C++

Modern Physics Aug 25 2020 The eighteenth edition of this well-known textbook continues to provide a thorough understanding of the principles of modern physics. It offers a detailed presentation of important topics such as atomic physics, quantum mechanics, nuclear physics, solid state physics and electronics. The concepts are exhaustively presented with numerous examples and diagrams which would help the students in analysing and retaining the concepts in an effective manner. This textbook is a useful resource for undergraduate students and will also serve as a reference text for PG students.

New Age Education Models Jun 15 2022 Rethinking, Redesigning, and Restructuring of higher education is the need of the hour. This book intends to enlighten its readers about the 21st-century education models for 21st-century learners. Such models would include skill-oriented and technology-based teaching and learning. This book suggests various routes for student entrepreneurs to access resources throughout their college life to ultimately achieve their goals. It also talks about the effectiveness of e-learning tools in education, emerging teaching techniques, and methodologies by understanding the education models of different countries and benchmarking the best practices. The book also highlights the importance and advantage of open-source learning, mobile learning, and the role of creativity and its relevance with technology.

Modern Physics, 18th Edition Jul 24 2020 The eighteenth edition of this well-known textbook continues to provide a thorough understanding of the principles of modern physics. It offers a detailed presentation of important topics such as atomic physics, quantum mechanics, nuclear physics, solid state physics and electronics. The concepts are exhaustively presented with numerous examples and diagrams which would help the students in analysing and retaining the concepts in an effective manner. This textbook is a useful resource for undergraduate students and will also serve as a reference text for postgraduate students.

Her Smile Apr 13 2022 A woman is a culmination of emotions, desires, aspirations, strengths, and weaknesses. Are you one of those powerful, economically independent women not able to get a grip on your personal life? Are you that vulnerable mother confused as to how to prepare your daughter for an unpredictable tomorrow? Are you that tensed father trying to figure out a good future for your gorgeous daughter? Are you that beautiful daughter or handsome son who never was able to find love in your life? Saagarika has answers to all your queries as she relates all that happened to 'HER SMILE'.

Handbook of Universities Jan 22 2023 The Most Authentic Source Of Information On Higher Education In India The Handbook Of Universities, Deemed Universities, Colleges, Private Universities And Prominent Educational & Research Institutions Provides Much Needed Information On Degree And Diploma Awarding Universities And Institutions Of National Importance That Impart General, Technical And Professional Education In India. Although Another Directory Of Similar Nature Is Available In The Market, The Distinct Feature Of The Present Handbook, That Makes It One Of Its Kind, Is That It Also Includes Entries And Details Of The Private Universities Functioning Across The Country. In This Handbook, The Universities Have Been Listed In An Alphabetical Order. This Facilitates Easy Location Of Their Names. In Addition To The Brief History Of These Universities, The Present Handbook Provides The Names Of Their Vice-Chancellor, Professors And Readers As Well As Their Faculties And Departments. It Also Acquaints The Readers With The Various Courses Of Studies Offered By Each University. It Is Hoped That The Handbook In Its Present Form, Will Prove Immensely Helpful To The Aspiring Students In Choosing The Best Educational Institution For Their Career Enhancement. In Addition, It Will Also Prove Very Useful For The Publishers In Mailing Their Publicity Materials. Even The Suppliers Of Equipment And Services Required By These Educational Institutions Will Find It Highly Valuable.

Planning and Managing Projects with PRIMAVERA (P6) Project Planner Nov 08 2021 Effective management can be achieved by using different planning management tools. One of the best and accepted software around the world is PRIMAVERA. This book explains the computer-aided construction management programme concepts and deals with various techniques of project management, from the planning stage to the commissioning stage using PRIMAVERA.

Nanoparticles in the Fight Against Parasites May 02 2021 This book sheds new light on the use of nanoparticles in the fields of parasitology and public and animal health. Nanotechnology has been used in many fields of research and in practical applications. A special subgroup is represented by the so-called nanobiotechnology, which is a multidisciplinary integration of biotechnology, nanotechnology, chemical processing, material science and engineering. In the fields of parasitology and public and animal health this technology has been used to develop systems, wherein acaricides and insecticides are included. This technique avoids direct contact of the hosts of parasites (animals, humans) with the insecticides/acaricides and thus minimizes effects on their health and also the development of resistances of the vectors (ticks, mosquitos, flies etc.). Since actually many original articles on the use of nanoparticles bearing arthropodocides appear in different journals – as well as in Parasitology Research of Springer - it seems reasonable to check the status quo and to elucidate possible chances of progress. This book will appeal to a wide readership, from researchers through veterinarians to professionals working in the conservation, public health, or sustainable agriculture area.

Handbook of Research on Cultural and Economic Impacts of the Information Society Jul 16 2022 "This book brings together an international and interdisciplinary forum of scholars and researchers to provide a comprehensive understanding of the role that information plays in all aspects of modern society including law enforcement, democracy, governance, finance, rural development, and more"--

Nanocomposite Materials for Sensor Sep 25 2020 This reference reviews the reported literature on new approaches of nanocomposite material preparation and their applications in the development of physical, chemical, electrochemical, biological, fluorescence and colorimetric sensors. Sensor nanomaterials have been extensively used to amplify signals in the detection of a range of chemicals including toxic gases, biochemical nutrients, ions, explosives, pesticides and drugs to name a few. 14 chapter contributions highlight state-of-the-art sensors in recent years by outlining the synthesis, role and progress of nanocomposite materials in fabricating flexible and multifunctional sensing platforms in sensor technologies. Chapters first introduce the reader to nanocomposite materials and their role in making a wide array of sensors including metal-organic, graphene-based and polymeric sensors. The chapters then progress into applications of sensors for the detection of chemicals such as blood glucose, heavy metal and other toxic ions, hydrazine, humidity and explosive. Each chapter explains the required materials for

electrodes and material components for a specific sensor platform with additional information about sample collection, threshold values and perspectives where appropriate. The book is intended as a compilation of knowledge for designing novel nanocomposite materials to be used as sensing platforms in sensor technologies. It serves as an informative resource for a broad range of readers including graduates and post-graduates, Ph. D. scholars, faculty members and professionals working in the area of material science, the healthcare industry, biological sciences, medical sciences, and environmental sciences.

Professor's Diary Jul 04 2021 An amazing first person narrative of one man's journey through life... Starting out as a very ordinary child, full of childish pranks, and an average student, who is not above playing truant from classes, or skipping studies till just before the exams, this is the story of the author's gradual growth into a rank-winner, an esteemed teacher, and a much regarded Professor and Principal, who goes on to win several national and international awards and recognitions. Throughout the story, his commitment to truth and ethical standards, and his faith in his students and the genuine desire for their well – being stands out... Unconditional faith in the Supreme, and a deep vein of spirituality, sustain him in times of crises, and he comes out of many trials unscathed...

MANAGEMENT OF SCHOOL EDUCATION Jan 10 2022

Object Oriented Programming in C++ Oct 15 2019 This book is intended for students in a variety of disciplines, including Computer Science, Information Technology, CT, and BCA programmes. The subject of C++ has been covered in accordance with the syllabi of several disciplines of Bharathiar University. As a result, the book can be used in one semester of Computer Science streams, as well as in other degree and non-computer science courses. Object-Oriented Programming with C++ is a valuable text for students studying the OOP subject. It was prepared for novices, those who have some familiarity of C, and it will be a useful text for students learning the OOP subject. This book is for anyone interested in learning and improving their C++ object-oriented programming skills. The chapters are organized in a logical order. Each idea is described in an easy-to-understand manner, with multiple worked-out examples and programmes, in order to bridge the gap between theory and practise. This book's content was compiled from a variety of sources in order to help rural students improve their knowledge.

Pharmacological Assays of Plant-Based Natural Products Feb 28 2021 This volume provides information on how to select and screen plants for their medicinal properties. It describes phytopharmacological techniques for extracting and qualitatively and quantitatively analyzing a plant's phytochemicals. After a detailed in vitro investigation including nutritional and anti-nutritional analyses, medicinal properties were tested with various in vivo models for anti-inflammatory, analgesic, anti-pyretic, anticancer and anti-diabetic properties, as well as wound healing, neurodegenerative diseases, etc. Compound identification and purification techniques include, among others, TLC and column chromatography, as well as molecular docking with specific proteins.

Quantitative Techniques for Management Jun 03 2021 This book has been developed with a focus on the need to demystify the subject and make it easy for students to grasp the principles and details involved, and make it easily understandable to beginners exposed to the subject for the first time. An attempt has been made to explain things in a logical progression, in the simplest possible way so that neophytes may quickly grasp the concepts and methodology. A novel approach in the book is the illustrative use of computers with TORA package, as a problem-solving tool. In actual practice, situations arise with large and complex problems that are difficult to solve. At such times, using computers to solve problems gives fast and more accurate results. The chapters are arranged so as to progressively explain the workings of various models in actual practice through step-by-step procedures that so simplify and solve them, that even students from a non-mathematics academic background will grasp them quickly. Linear programming, the most powerful tool for managerial decision-making is covered elaborately, including thorough discussion of various LP methods and LP solutions, Duality in LP problems, sensitivity analysis, etc. Models in the book also use Linear Programming to reach solutions including those relating to transportation and transshipment, assignment, and Game Theory & illustrated with screen-shots of a computer with a TORA package. Readers whether students, business executives, managers, researchers and academicians will find that the insights and knowledge obtained from the book will stand them in good stead in both academic as well as occupational pursuits.

THE OPPORTUNITIES OF UNCERTAINTIES: FLEXIBILITY AND ADAPTATION NEEDED IN CURRENT CLIMATE Volume I (Social Science and ICT) May 14 2022 Uncertainty is a circumstance in one's life. Individual differ in their approach to handle uncertainty. Intolerance to uncertainty is influenced by various factors, such as personality, cognitive aspects and uncertainty, neuro biological aspects of uncertainty. When one understands how intolerance to uncertainty is developed and makes individual vulnerable. We can strength the psychological mind set to face uncertainty.

Plastics Waste Management Dec 17 2019 The book provides clear explanations for newcomers to the subject as well as contemporary details and theory for the experienced user in plastics waste management. It is seldom that a day goes by without another story or photo regarding the problem of plastics waste in the oceans or landfills. While important efforts are being made to clear up the waste, this book looks at the underlying causes and focuses on plastics waste management. Plastics manufacturers have been slow to recognize their environmental impact compared with more directly polluting industries. However, the environmental pressures concerning plastics have forced the industry to examine their own recycling operations and implement plastics waste management. Plastics Waste Management realizes two ideals: That all plastics should be able to persist for as long as plastics are required, and that all plastics are recycled in a uniform manner regardless of the length of time for which it persists. The book examines plastics waste management and systems for the environment, as well the management approaches and techniques which are appropriate for managing the environment. It serves as an excellent and thoughtful plastics waste management handbook. This groundbreaking book: Identifies deficiencies in plastics waste management Extrapolates from experiences to draw some conclusions about plastics waste for persistence Describes methods how the waste related processing techniques should be used in recycling Shows how the consumer and industry can assess the performance of plastics waste management Explains waste utilization by recycling techniques as well as waste reduction Life cycle assessment as an important technique for recycling of persistent plastics waste.

Paraasakthi & Manokara Feb 17 2020 In terms of the genre, Paraasakthi and Manokara along with the Tale of the Anklet, and other works of lesser dimensions Rajakumari, Abimanyu, Manthiri Kumari, Maruthanattu Ilavarasi, etc., represent Kalaingar M. Karunanidhi's distinct contribution

Status of Education Oct 19 2022 This book is mainly for research purpose to help the research scholars in their research field, particularly in the field of Economics. This book provides the brief knowledge about the importance of education and explains education as a human capital which is key investment for the economic development of any country. This book provides information related various aspects of education like educational infrastructure facilities, problems faced by students and data related number of educational institutions, number of teachers, enrolment of students, teacher-pupil ratio and students-classroom ratio with clear and easy language.

ENTREPRENEURSHIP IN INDIAN AGRICULTURE Apr 20 2020 1. Key Areas in Agribusiness 2. Production for Agribusiness 3. Marketing and Trade for Agribusiness

Sree Ramu College Dec 09 2021 Sree Ramu College Calender gives complete details on the Institution, Management, Courses Offered, List of Events & Exam schedule during two semesters of the academic year etc. This Digital Edition is portable and saves paper and Trees.

British Administration in the Madras Presidency, 1858-1862 A.D. Feb 11 2022

Issues in Life Sciences—Bacteriology, Parasitology, and Virology: 2013 Edition Nov 15 2019 Issues in Life Sciences—Bacteriology, Parasitology, and Virology: 2013 Edition is a ScholarlyEditions™ book that delivers timely, authoritative, and comprehensive information about Parasitology. The editors have built Issues in Life Sciences—Bacteriology, Parasitology, and Virology: 2013 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Parasitology in this book to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Issues in Life Sciences—Bacteriology, Parasitology, and Virology: 2013 Edition has been produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at <http://www.ScholarlyEditions.com/>.

Business Analytics and Intelligence in Digital Era Jan 18 2020 The International Conference on "Business Analytics and Intelligence in Digital Era" on the 4th and 5th of November 2022. Organized by the Department of B.Com Business Analytics, KPR College of Arts Science and Research (KPRCAS) promoted by the KPR group, is an eminent institution that offers a unique learning experience and equips the young generation with the accurate skill set

necessary to meet the unprecedented future challenges in the field of Commerce Specialized with Business Analytics perspectives. ICBA'22 emphasizes encouraging and promote high-quality research on "Advanced Research in Business Analytics and Intelligence in Digital Era" across the globe for Academicians,

Researchers, Industrialists to present their novel research ideas and results in their domain. A notable number of research papers have been received in the disciplines of Marketing Analytics, HR Analytics, Banking Analytics, and Cybercrime Analytics, Health Care Analytics, Social Media Analytics, Sports Analytics, Web Analytics, Data Visualization, Cluster and Sentimental Analytics and many more relevant fields

THE DECADES OF MY LIFE Apr 01 2021 This book narrates the life journey of a Baduga girl from the mountains of Nilgiris to the plains of Coimbatore, from being a little daughter to being a man's wife, from being a care free child to being a carrying daughter-in-law. Presenting a gamut of personal experience from a sketchy imprint of childhood to a clear picture of adulthood, this book has recorded the experience of an Indian girl, in a rare perspective.

Handbook of Research on the Adverse Effects of Pesticide Pollution in Aquatic Ecosystems Mar 20 2020 Certain types of pesticides are widely used in agriculture in all parts of the world due to their relatively low cost, broad spectrum of activity, and high efficiency. These pollutants contaminate not only the surrounding soils and water but, in many cases, also enter into the drinking water. The Handbook of Research on the Adverse Effects of Pesticide Pollution in Aquatic Ecosystems provides emerging research exploring the theoretical and practical aspects of the prevention of accumulation of toxic pollutants such as agrochemicals and organochlorine pesticides in aquatic ecosystems and applications within ecology and agriculture. Featuring coverage on a broad range of topics such as pesticide monitoring, metabolites, and risk assessment, this book is ideally designed for scientists, researchers, engineers, policymakers, agricultural specialists, industrialists, academicians, and students seeking current research on the risks of water contaminants in small ecosystems.

Handbook of Research on Sustaining SMEs and Entrepreneurial Innovation in the Post-COVID-19 Era Dec 29 2020 A multidimensional approach to entrepreneurship, especially in the post-COVID-19 era, will have an important influence on the state of business and government, especially when considering the effects of technological development, innovation, glocalization, and nationalization policies that need to be adopted for inclusive sustainable growth, as well as the enhanced and efficient utilization of global resources. That means there is likely to be a shift in how entrepreneurship development and entrepreneurial opportunities will be perceived, developed, and resourced. The question is how to sustain SMEs and entrepreneurial innovation in the post-COVID-19 era. Thus, comprehensive research and knowledge on designing policies and approaches to ensure the sustainability of SMEs and entrepreneurial innovation in post-pandemic times are essential to sustain, stimulate, and foster SMEs, entrepreneurship, and entrepreneurial innovations. The Handbook of Research on Sustaining SMEs and Entrepreneurial Innovation in the Post-COVID-19 Era provides research dedicated to entrepreneurship with a special emphasis on the sustainability of SMEs and entrepreneurial innovations in the post-COVID-19 era. It provides discussion and the exchange of information on principles, strategies, models, techniques, methodologies, and applications of entrepreneurship in the post-COVID-19 era in the field of public and private organizations. The chapters communicate the latest developments and thinking on the entrepreneurship subject worldwide by drawing on the latest developments, ideas, research, and best practice to examine the implications of the changes taking place due to COVID-19. This book is ideally intended for entrepreneurs, global organizations, small and medium-sized enterprises, managers, executives, government officials, policymakers, researchers, academicians, and students who are interested in learning about, designing, or implementing policies that are more effective in the post-pandemic era.

Manual of Tamil Nadu Acts and Rules: Education, The Bharathiar University Act, The Bharathidasan University Act, The Madras University Act, The Madurai - Kamaraj University Act Dec 21 2022

Industry 4.0 Technologies for Education Oct 27 2020 The transformative digital technologies developed for Industry 4.0 are proving to be disruptive change drivers in higher education. Industry 4.0 technologies are forming the basis of Education 4.0. Industry 4.0 Technologies for Education: Transformative Technologies and Applications examines state-of-the-art tools and technologies that comprise Education 4.0. Higher education professionals can turn to this book to guide curriculum development aimed at helping produce the workforce for Industry 4.0. The book discusses the tools and technologies required to make Education 4.0 a reality. It covers online content creation, learning management systems, and tools for teaching, learning, and evaluating. Also covered are disciplines that are being transformed by Industry 4.0 and form the core of Education 4.0 curricula. These disciplines include social work, finance, medicine, and healthcare. Mobile technologies are critical components of Industry 4.0 as well as Education 4.0. The book looks at the roles of the Internet of Things (IoT), 5G, and cloud applications in creating the Education 4.0 environment. Highlights of the book include: Technological innovations for virtual classrooms to empower students Emerging technological advancements for educational institutions Online content creation tools Moodle as a teaching, learning, and evaluation tool Gamification in higher education A design thinking approach to developing curriculum in Education 4.0 Industry 4.0 for Service 4.0 and Research 4.0 as a framework for higher education institutions Eye-tracking technology for Education 4.0 The challenges and issues of the Internet of Things (IoT) in teaching and learning

Artificial Intelligence Theory, Models, and Applications Feb 23 2023 This book examines the fundamentals and technologies of Artificial Intelligence (AI) and describes their tools, challenges, and issues. It also explains relevant theory as well as industrial applications in various domains, such as healthcare, economics, education, product development, agriculture, human resource management, environmental management, and marketing. The book is a boon to students, software developers, teachers, members of boards of studies, and researchers who need a reference resource on artificial intelligence and its applications and is primarily intended for use in courses offered by higher education institutions that strive to equip their graduates with Industry 4.0 skills. FEATURES: Gender disparity in the enterprises involved in the development of AI-based software development as well as solutions to eradicate such gender bias in the AI world A general framework for AI in environmental management, smart farming, e-waste management, and smart energy optimization The potential and application of AI in medical imaging as well as the challenges of AI in precision medicine AI's role in the diagnosis of various diseases, such as cancer and diabetes The role of machine learning models in product development and statistically monitoring product quality Machine learning to make robust and effective economic policy decisions Machine learning and data mining approaches to provide better video indexing mechanisms resulting in better searchable results ABOUT THE EDITORS: Prof. Dr. P. Kaliraj is Vice Chancellor at Bharathiar University, Coimbatore, India. Prof. Dr. T. Devi is Professor and Head of the Department of Computer Applications, Bharathiar University, Coimbatore, India.

Handbook of Research on Digital Content Management and Development in Modern Libraries Sep 18 2022 Collection assessment can be defined as the systematic quantitative and qualitative measurement of the degree to which a library's collections meet the library's goals, objectives, and the needs of its users. E-resources are creating new challenges for collection assessment, which require that the collection be measured, analyzed, and judged according to specific criteria for relevancy, size, quality, and use. The Handbook of Research on Digital Content Management and Development in Modern Libraries is a critical scholarly resource that examines collection management and quality within information services. Featuring a wide range of topics such as e-resources, knowledge management, and consortia, this book is ideal for professionals, academicians, academic librarians, researchers, and students in the fields of library and information science, education, computer science, and information technology. Moreover, the book will provide insights and support executives concerned with the management of expertise, knowledge, information, and organizational development in different types of work communities and environments.

Natural Product Experiments in Drug Discovery Jun 22 2020 This detailed volume explores a wide range of evidence-based complementary medicine and various bio-analytical techniques used to define botanical products. Collecting recent work and current developments in the field of contemporary phytomedicine as well as their future possibilities in human health care, the book includes unique contributions in the form of chapters on phytomedicine and screening biological activities explained with diverse hyphenated techniques, as well as issues related to herbal medications, such as efficacy, adulteration, safety, toxicity, regulations, and drug delivery. Written for the Springer Protocols Handbooks series, chapters feature advice from experts on how to best conduct future experiments. Extensive and practical, Natural Product Experiments in Drug Discovery serves as an ideal reference for students, professors, and researchers in universities, R&D institutes, pharmaceutical and herbal enterprises, and health organizations.

Brand Management Nov 27 2020

Sampling Techniques in Educational Research Sep 06 2021

Pneuma Jan 30 2021 Neha is an immigrant who is focused on being a successful teacher and parent. After ensuring her son, John, wakes up on time, changes into his school uniform, and eats a healthy breakfast, Neha is left exhausted and wondering if her decision to migrate to Australia was nothing short of a gamble. Even though she knows she is one of the fortunate to have passed the Teachers Recruitment Board examination, Neha is still searching

for fulfillment. Neha, who has never been a quitter, knows all too well that adversity often leads to accolades. But as she faces both challenges and successes, her varied experiences, relationships, and circumstances contribute toward transforming her identity and ultimately hurl her into existential angst. While reliving her past and battling with the present, Neha embarks on a spiritual quest that she hopes will lead her to clarity, the discovery of her true self, and a positive future. In this charming novel, an Australian migrant must navigate through a journey of self-discovery in order to determine her true identity and where life will take her next.

Banana Fibre and Products Aug 05 2021 This book is designed for utilizing the banana fibres for preparing various home textiles and accessories. It provides a step by step procedure of making banana fabric products. Salient features
Classification of natural fibres
Extraction and characteristics of banana fibres
Composition of banana fibres
Spinning, weaving and testing the banana fabrics
Product preparation and evaluation

Nanophytomedicine May 22 2020 Nanophytomedicine is a branch of medicine that involves the application of nanomedicine-based systems to phytotherapy and phytopharmacology and the use of phytonanoparticles for biomedical applications. Nanophytomedicine covers recent advances in experimental and theoretical studies on various properties of nanoparticles derived from plant sources. This book assesses the recent advancements and applications of plant-based nanoparticles and also highlights emerging concepts of biomimetics. The book contains 24 chapters encompassing various therapeutic applications of phytochemicals derived from plants, ferns, seaweeds, and so on, mediated through nanotechnology and its allied approaches. A fervent attempt has been made to compile every significant advancement in the field of phytonanomedicine so as to accelerate its momentum in the pharmaceutical sector.

2016 IEEE International Conference on Advances in Computer Applications Nov 20 2022

Disaster Management Aug 17 2022 Disaster management is an increasingly important subject, as effective management of both natural and manmade disasters is essential to save lives and minimize casualties. This book discusses the best practice for vital elements of disaster medicine in both developed and developing countries, including planning and preparedness of hospitals, emergency medical services, communication and IT tools for medical disaster response and psychosocial issues. It also covers the use of state-of-the-art training tools, with a full section on post-disaster relief, rehabilitation and recovery.

Incorporating the Internet of Things in Healthcare Applications and Wearable Devices Mar 12 2022 The internet of things (IoT) has had a major impact on academic and industrial fields. Applying these technologies to healthcare systems reduces medical costs while enriching the patient-centric approach to medicine, allowing for better overall healthcare proficiency. However, usage of IoT in healthcare is still suffering from significant challenges with respect to the cost and accuracy of medical sensors, non-standard IoT system architectures, assorted wearable devices, the huge volume of generated data, and interoperability issues. Incorporating the Internet of Things in Healthcare Applications and Wearable Devices is an essential publication that examines existing challenges and provides solutions for building smart healthcare systems with the latest IoT-enabled technology and addresses how IoT improves the proficiency of healthcare with respect to wireless sensor networks. While highlighting topics including mobility management, sensor integration, and data analytics, this book is ideally designed for computer scientists, bioinformatics analysts, doctors, nurses, hospital executives, medical students, IT specialists, software developers, computer engineers, industry professionals, academicians, researchers, and students seeking current research on how these emerging wireless technologies improve efficiency within the healthcare domain.

Woman, Marriage and Family Oct 07 2021 The book discusses about various issues related to women's adjustment, role commitment, satisfaction, decision-making, etc, in marital relations. In general, the book is a good source material for those who are doing research in the related field.

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