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Textile and clothing management - 2004

Publisher's Monthly - 2004

Implementing Campus Greening Initiatives - Walter Leal Filho 2015-01-21

Firmly rooted in the theory and practice of sustainable development, this book offers a comprehensive resource on sustainability, focusing on both industrialized and developing

nations. Implementing Campus Greening Initiatives: Approaches, Methods and Perspectives is an attempt to promote and disseminate the work being done in this field by universities around the world. The need to integrate the principles and concepts of green campuses and sustainability into the core of students' educational experiences, from high school to college or university, has

now been broadly recognized. By doing so, we can ensure that the students of today and tomorrow will acquire the knowledge, skills, attitudes and values needed to create a more sustainable economy and social environment.

Challenges and Solutions for Sustainable Smart City Development - R. Maheswar
2021-05-22

This book discusses advances in smart and sustainable development of smart environments. The authors discuss the challenges faced in developing sustainable smart applications and provide potential solutions. The solutions are aimed at improving reliability and security with the goal of affordability, safety, and durability. Topics include health care applications, sustainable smart transportation systems, intelligent sustainable wearable electronics, and sustainable smart building and alert systems. Authors are from both industry and academia and present research from

around the world. Addresses problems and solutions for sustainable development of smart cities; Includes applications such as healthcare, transportation, wearables, security, and more; Relevant for scientist and researchers working on real time smart city development. Electric Motor Drives and their Applications with Simulation Practices - V Indragandhi
2022-05-01

Electric Motor Drives and Its Applications with Simulation Practices provides comprehensive coverage of the concepts of electric motor drives and their applications, along with their simulation using MATLAB and other software tools. The book helps engineers and students improve their software skills by learning to simulate various electric drives and applications and assists with new ideas in the simulation of electrical, electronics and instrumentations systems. Covering power electronic converter fed drives and simulation model building

using all possible software as well as the operation and relevant applications discussed, the book provides a number of examples and step-by-step procedures for successful implementation. Intended for engineers, students and research scholars in industry who are working in the field of power electronics and drives, this book provides a brief introduction to simulation software under different environments. Provides an in-depth analysis of Electric motors and drives, specifically focused on practical approaches Includes simulations of electric drives using best proven software tools like MATLAB and PSIM Details step-by-step approaches for creating and applying simulation of electric drives

Urban and Regional Planning Education - Ashok Kumar
2016-04-27

This is the first volume exclusively dedicated to planning education, with a focus on India and learning from global experiences for

India. Prior to the 1990s, planning education in India was largely confined to national and local economic concerns. Within a globalized scenario, such pedagogies and theories have become outmoded. With new concerns emerging in planning, new pedagogical tools and theorizations need to be developed within planning curricula to provide today's planners with the wherewithal to adapt to changing and globalizing cities and regions in India. Therefore, the eminent contributors to this volume deal exclusively and comprehensively with planning education in a globalized context. Divided into four thematic sections, this volume provides a comprehensive view of planning education in India, with focus on: • The trajectory of planning education in India. • The kinds of knowledge used for teaching in Indian planning schools, and whether some sort of integration of diverse knowledges is achieved. • The ethical foundations of urban and regional planning in Indian

planning schools. • The role of international planning perspectives in providing new insights for Indian planning education. Comprehensive and topical, this volume is of interest to academics and researchers from planning institutes, urban and regional planners and policy makers, as well as architects, social geographers and economists. *Information Technology And E-Governance* - N. Gopalsamy 2009

Challenges and Applications of Data Analytics in Social Perspectives - Sathiyamoorthi, V. 2020-12-04

With exponentially increasing amounts of data accumulating in real-time, there is no reason why one should not turn data into a competitive advantage. While machine learning, driven by advancements in artificial intelligence, has made great strides, it has not been able to surpass a number of challenges that still prevail in the way of better success. Such limitations as the lack of better methods, deeper

understanding of problems, and advanced tools are hindering progress. Challenges and Applications of Data Analytics in Social Perspectives provides innovative insights into the prevailing challenges in data analytics and its application on social media and focuses on various machine learning and deep learning techniques in improving practice and research. The content within this publication examines topics that include collaborative filtering, data visualization, and edge computing. It provides research ideal for data scientists, data analysts, IT specialists, website designers, e-commerce professionals, government officials, software engineers, social media analysts, industry professionals, academicians, researchers, and students.

Internet of Things in Smart Technologies for Sustainable Urban Development - G. R. Kanagachidambaresan 2020-04-29

This book provides solution for

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challenges facing engineers in urban environments looking towards smart development and IoT. The authors address the challenges faced in developing smart applications along with the solutions. Topics addressed include reliability, security and financial issues in relation to all the smart and sustainable development solutions discussed. The solutions they provide are affordable, resistive to threats, and provide high reliability. The book pertains to researchers, academics, professionals, and students. Provides solutions to urban sustainable development problems facing engineers in developing and developed countries Discusses results with industrial problems and current issues in smart city development Includes solutions that are reliable, secure and financially sound

Phycobiotechnology - Jeyabalan Sangeetha 2021-03-01
Named #1 of 15 Best New Biotechnology Books to Read in 2021 by BookAuthority. This volume explores and explains

the vast uses and benefits of algae as food, feed, and fuel. It covers the most advanced applications of algae in the food and feed industries and for environmental sustainability. With chapters written by experts and which were extensively reviewed by many well-known subject experts and professionals, Phycobiotechnology: Biodiversity and Biotechnology of Algae and Algal Products for Food, Feed, and Fuel provides an abundance of valuable information. Algae are a genetically diverse group of organisms with a wide range of physiological and biochemical characteristics that have unique capabilities in the fields of agriculture, pharmaceuticals, industry, and environment. Algae hold the potential to become the planet's next major source of energy and a vital part of the solution for climate change and dependence on fossil fuels. Many varieties of algae are also known to be an abundant source of vitamins, minerals, and other nutrients that can

boost the human immune system.

Examining the Impact of Deep Learning and IoT on Multi-Industry Applications - Raut, Roshani 2021-01-29

Deep learning, as a recent AI technique, has proven itself efficient in solving many real-world problems. Deep learning algorithms are efficient, high performing, and an effective standard for solving these problems. In addition, with IoT, deep learning is in many emerging and developing domains of computer technology. Deep learning algorithms have brought a revolution in computer vision applications by introducing an efficient solution to several image processing-related problems that have long remained unresolved or moderately solved. Various significant IoT technologies in various industries, such as education, health, transportation, and security, combine IoT with deep learning for complex problem solving and the supported interaction between human beings and

their surroundings. Examining the Impact of Deep Learning and IoT on Multi-Industry Applications provides insights on how deep learning, together with IoT, impacts various sectors such as healthcare, agriculture, cyber security, and social media analysis applications. The chapters present solutions to various real-world problems using these methods from various researchers' points of view. While highlighting topics such as medical diagnosis, power consumption, livestock management, security, and social media analysis, this book is ideal for IT specialists, technologists, security analysts, medical practitioners, imaging specialists, diagnosticians, academicians, researchers, industrial experts, scientists, and undergraduate and postgraduate students who are working in the field of computer engineering, electronics, and electrical engineering.

Community Based Disaster Risk Reduction - Rajib Shaw 2012-03-06

Deals with the topic of Community Based Disaster Risk Reduction (CBDRR). This book provides an overview of the subject and looks at the role of governments, NGOs, academics and corporate sectors in community based disaster risk reduction. It examines experiences from Asian and African countries. Educational Infrastructure for Biotechnology in India - R. K. Mishra 2006

Managing Supply Chain Risk and Disruptions: Post COVID-19 - Aravind Raj Sakthivel 2021-06-24

This book summarizes the effect of COVID-19 on the global supply chain. Eminent researchers, practitioners, and professors discuss the challenges faced by supply chain providers and supply chain strategies related to various global, retail, fast moving consumer goods, humanitarian, pharmaceutical, and agricultural supply chains. This book also suggests the resilient approach adopted by supply chain organizations for

quick recovery and re-establishing their networks. This book helps the readers explore the pandemic's impact on the supply chain and rebuilding the same using suitable approaches.

Managing a Modern Hospital - A V Srinivasan 2008-06-10

The revised and updated second edition of Managing a Modern Hospital contains a judiciously compiled collection of writings on modern hospital management. The book is a fitting response to the compelling need for incorporating professionalism and better resource management in hospital administration to ensure quality and cost-effectiveness in health care in India. Health care has become one of the fastest growing sectors in India over the past decade. This book contains two new chapters, Customer Relationship Management, and Computer-aided Diagnosis, which highlight recent developments in the field in the last seven years. It spans a wide range of issues in modern hospital

management, including: -
Waste management - Financial
management - Maintaining
medical records - Medical
audits - Managing human
resources - Quality certification
A repository of valuable insight
and information on setting up
and running a modern-day
hospital efficiently and as an
economically viable business,
the book can serve as basic
text and supplementary
reading for courses in hospital
management. It will also be of
interest to hospital
administrators in government
and private health care
institutions, directors of
nursing homes, medical
practitioners involved with
hospital administration as well
as entrepreneurs in the health
care business, consultants and
researchers.

*Documentation Encyclopaedia
of UNESCO and Education* - J.
C. Aggarwal 1991

Remote Sensing and Its Applications - L. R. A.

Narayan 1999

With reference to India.

Handbook of Universities -

Ashish Kumar 2006

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.

COMPLETE GUIDE TO CAREER PLANNING -

DEVAJIT BHUYAN 2015-01-06
Career planning has become a survival skill in today's world. Choosing a Career should be by Choice and not by Chance. But HOW TO CHOOSE THE RIGHT CAREER? What are the factors one should consider while choosing a career? A Complete Guide to Career Planning is about how to decide the direction your

career will take. The purpose behind writing this book is to make you conversant with the various career options that you can pursue and enable you to select the right career you most fit in. The author has meticulously explored and mapped the cavernous paths of the globe of careers, which exist presently. The book provides a straightforward introduction to the concepts of career choices and the importance of planning. It emphasises the importance of self-exploration by empowering readers to look at themselves, their strengths and weaknesses, and their background and values, and then realistically evaluate the various opportunities in the world of career. With this comprehensive guide a student can learn how to explore career options, plan a career path, and find the right school and colleges for higher studies that will help him achieve his goals easily and convincingly. The book includes all the information you need to plan your future and take

control of your career. *Cyber-Physical Systems for Social Applications* - Dimitrova, Maya 2019-04-03 Present day sophisticated, adaptive, and autonomous (to a certain degree) robotic technology is a radically new stimulus for the cognitive system of the human learner from the earliest to the oldest age. It deserves extensive, thorough, and systematic research based on novel frameworks for analysis, modelling, synthesis, and implementation of CPSs for social applications. *Cyber-Physical Systems for Social Applications* is a critical scholarly book that examines the latest empirical findings for designing cyber-physical systems for social applications and aims at forwarding the symbolic human-robot perspective in areas that include education, social communication, entertainment, and artistic performance. Highlighting topics such as evolinguistics, human-robot interaction, and neuroinformatics, this book is

ideally designed for social network developers, cognitive scientists, education science experts, evolutionary linguists, researchers, and academicians.

Sustainable

Entrepreneurship - Ajoy Kumar Dey 2021-02-10

The cases contribute to the understanding of a systemic change from a linear economy to a circular economy and how businesses and organisations can transform their businesses and practices towards a sustainable future through innovations and creating sustainable business opportunities. Sustainable and social aspects of the cases within the organisation and with the stakeholders draw a clear picture of staying competitive, profitable and show the ability to create sustainable value. The cases provide insight into different cultural and societal aspects in the ever-changing business environment by creating an understanding of the circular economy, social entrepreneurship, and competitive leadership, and

effective performance.

Campus Plus 2020 -

Infokerala Communications Pvt Ltd 2020-08-01

India, bounded by the majestic Himalayan ranges in the North and edged by an endless stretch of golden beaches, is the land of hoary tradition and cultural diverse. Vivid kaleidoscope of landscapes, glorious historical sites and royal cities, misty mountain hideaways, colourful people, rich civilizations and festivities craft India Incredible. Recent years have witnessed the educational scene, especially the higher education sector in the State undergoing a sea change in respect of quality, diversity and accessibility in tune with the global trends. Kerala's surge in the educational front is to be viewed in the backdrop of the country's great legacy in education. India has been a major seat of learning for thousands of years. The country was home to Takshashila, the first university in the world and Aryabhama, the inventor of the digit Zero.

In fact, education in Kerala has now become more value added and affordable, thanks to the pro-active initiatives of the State Government and active involvement of the private sector. Moreover, in the higher education market, Kerala has a significant edge in respect of cost which means that there would be growing influx of candidates into the state from outside the state for better and affordable professional education in the days to come. With the most sought after professionals and excellent network of institutes Kerala is becoming the very preferred educational destination in the world. And, we are equipped for you with some elucidations which step-up her significance in the educational map. In Campus Plus, we propose some valuable information along with a number of educational institutes in the State which will be useful for the students and parents in the higher education scenario.

SIAA 2018 Biographies -

Purushothaman Seetharaman
2018-04-07

South Indian ASDF Awards -
Biographies of all the Finalists
and Winners

System Software - M. Joseph
2007

*Privacy and Security
Challenges in Location Aware
Computing* - Saravanan, P.
Shanthi 2021-04-23

Location-aware computing is a technology that uses the location (provides granular geographical information) of people and objects to derive contextual information. Today, one can obtain this location information free of cost through smartphones.

Smartphones with location enabled applications have revolutionized the ways in which people perform their activities and get benefits from the automated services. It especially helps to get details of services in less time; wherever the user may be and whenever they want. The need for smartphones and location enabled applications has been growing year after year. Nowadays no one can leave without their phone; the phone

seemingly becomes one of the parts of the human body. The individual can now be predicted by their phone and the identity of the phone becomes the person's identity. Though there is a tremendous need for location-enabled applications with smartphones, the debate on privacy and security related to location data has also been growing.

*Privacy and Security
Challenges in Location Aware
Computing* provides the latest research on privacy enhanced location-based applications development and exposes the necessity of location privacy preservation, as well as issues and challenges related to protecting the location data. It also suggests solutions for enhancing the protection of location privacy and therefore users' privacy as well. The chapters highlight important topic areas such as video surveillance in human tracking/detection, geographical information system design, cyberspace attacks and warfare, and location aware security

systems. The culmination of these topics creates a book that is ideal for security analysts, mobile application developers, practitioners, academicians, students, and researchers.

Power Electronic Converters for Solar Photovoltaic Systems - Ashok L. Kumar
2020-11-20

Power Electronic Converters for Solar Photovoltaic Systems provides design and implementation procedures for power electronic converters and advanced controllers to improve standalone and grid environment solar photovoltaics performance. Sections cover performance and improvement of solar photovoltaics under various conditions with the aid of intelligent controllers, allowing readers to better understand the nuances of power electronic converters for renewable energy systems. With algorithm development and real-time implementation procedures, this reference is useful for those interested in power electronics for

performance improvement in distributed energy resources, design of advanced controllers, and measurement of critical parameters surrounding renewable energy systems. By providing a complete solution for performance improvement in solar PV with novel control techniques, this book will appeal to researchers and engineers working in power electronic converters, renewable energy, and power quality. Includes simulation studies and photovoltaic performance analysis Uses case studies as a reference for design and research Covers different varieties of power converters, from fundamentals to implementation

Computational Paradigm Techniques for Enhancing Electric Power Quality - L. Ashok Kumar
2018-11-15

This book focusses on power quality improvement and enhancement techniques with aid of intelligent controllers and experimental results. It covers topics ranging from the fundamentals of power quality indices, mitigation methods,

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advanced controller design and its step by step approach, simulation of the proposed controllers for real time applications and its corresponding experimental results, performance improvement paradigms and its overall analysis, which helps readers understand power quality from its fundamental to experimental implementations. The book also covers implementation of power quality improvement practices. Key Features Provides solution for the power quality improvement with intelligent techniques Incorporated and Illustrated with simulation and experimental results Discusses renewable energy integration and multiple case studies pertaining to various loads Combines the power quality literature with power electronics based solutions Includes implementation examples, datasets, experimental and simulation procedures

Power Converters for Electric Vehicles - L. Ashok Kumar 2020-12-11

Power Converters for Electric Vehicles gives an overview, topology, design, and simulation of different types of converters used in electric vehicles (EV). It covers a wide range of topics ranging from the fundamentals of EV, Hybrid EV and its stepwise approach, simulation of the proposed converters for real-time applications and corresponding experimental results, performance improvement paradigms, and overall analysis. Drawing upon the need for novel converter topologies, this book provides the complete solution for the power converters for EV applications along with simulation exercises and experimental results. It explains the need for power electronics in the improvement of performance in EV. This book: Presents exclusive information on the power electronics of EV including traction drives. Provides step-by-step procedure for converter design. Discusses various topologies having different isolated and non-

isolated converters. Describes control circuit design including renewable energy systems and electrical drives. Includes practical case studies incorporated with simulation and experimental results. Power Converters for Electric Vehicles will provide researchers and graduate students in Power Electronics, Electric Drives, Vehicle Engineering a useful resource for stimulating their efforts in this important field of the search for renewable technologies.

Biotechnology in India I - T.K. Ghose 2003-07-18

The biotechnology business in India with an increase from USD 500 million in 1997 and reaching an estimated USD 1 billion next year health related products accounting for 60%, agro and veterinary products together 15%, and contract R&D, reagents, devices and supplies adding up to the remaining 25% of which the diagnostics share was about 10% of the total surely presented an encouraging picture even five years ago.

While volumes have increased, the pattern has not. According to a report, prepared by McKinsey & Co, India's Pharmaceutical industry including domestic and export sales and contract services totals nearly USD 5 billion. Furthermore, the company optimistically projects the growth to a factor of five fold only if both the industry and the government are able to put in place achievable solutions that must take care of the formidable obstacles preventing further growth. If this assessment is correct, then the established transformation made by IT growth should also provide the confidence required by the high expectations for biotechnology which have arisen in the country in recent years. Some contributors to this are overenthusiastic these are bureaucrats, some retired scientists and of course the complacent politicians who have the least knowledge of what the new biotechnology is all about. However, there are clear indications of biotechnology growth demon

strated by a few but rapidly expanding biotech companies such as Biocon Ltd, Shantha Biotech (P) Lid, Dr. *India Today* - 2009

Software Tools for the Simulation of Electrical Systems - Ashok L. Kumar
2020-08-08

Simulation of Software Tools for Electrical Systems: Theory and Practice offers engineers and students what they need to update their understanding of software tools for electric systems, along with guidance on a variety of tools on which to model electrical systems—from device level to system level. The book uses MATLAB, PSIM, Pspice and PSCAD to discuss how to build simulation models of electrical systems that assist in the practice or implementation of simulation software tools in switches, circuits, controllers, instruments and automation system design. In addition, the book covers power electronic switches and FACTS controller device simulation model building with the use of

Labview and PLC for industrial automation, process control, monitoring and measurement in electrical systems and hybrid optimization software HOMER is presented for researchers in renewable energy systems. Includes interactive content for numerical computation, visualization and programming for learning the software tools related to electrical sciences Identifies complex and difficult topics illustrated by useable examples Analyzes the simulation of electrical systems, hydraulic, and pneumatic systems using different software, including MATLAB, LABVIEW, MULTISIM, AUTOSIM and PSCAD

Effective Postgraduate Supervision: Improving The Student/Supervisor Relationship - Eley, Adrian
2005-10-01

What kind of problems are encountered while undertaking postgraduate study? How are these problems best avoided or resolved? How can the student/supervisor relationship

be improved? This practical guide is based on a series of successful workshops on postgraduate supervision and presents the most frequently encountered difficulties in the student/supervisor relationship. Detailed but concise case studies offer realistic solutions to the thirty issues discussed, including: Conflict Culture Distance Funding Isolation Language Management Plagiarism Priority Time Transfer Write-up Each case study raises important questions to generate discussion, and suggests solutions and preventative measures. The book also includes a section that shows how the case studies can be used in a teaching workshop setting. Effective Postgraduate Supervision is essential reading for supervisors of postgraduate degrees including those at masters and doctoral level as well as prospective and current postgraduate research students.

Advanced Soft Computing Techniques in Data Science,

IoT and Cloud Computing - Sujata Dash 2021-11-05

This book plays a significant role in improvising human life to a great extent. The new applications of soft computing can be regarded as an emerging field in computer science, automatic control engineering, medicine, biology application, natural environmental engineering, and pattern recognition. Now, the exemplar model for soft computing is human brain. The use of various techniques of soft computing is nowadays successfully implemented in many domestic, commercial, and industrial applications due to the low-cost and very high-performance digital processors and also the decline price of the memory chips. This is the main reason behind the wider expansion of soft computing techniques and its application areas. These computing methods also play a significant role in the design and optimization in diverse engineering disciplines. With the influence and the development of the Internet of

things (IoT) concept, the need for using soft computing techniques has become more significant than ever. In general, soft computing methods are closely similar to biological processes than traditional techniques, which are mostly based on formal logical systems, such as sentential logic and predicate logic, or rely heavily on computer-aided numerical analysis. Soft computing techniques are anticipated to complement each other. The aim of these techniques is to accept imprecision, uncertainties, and approximations to get a rapid solution. However, recent advancements in representation soft computing algorithms (fuzzy logic, evolutionary computation, machine learning, and probabilistic reasoning) generate a more intelligent and robust system providing a human interpretable, low-cost, approximate solution. Soft computing-based algorithms have demonstrated great performance to a variety of

areas including multimedia retrieval, fault tolerance, system modelling, network architecture, Web semantics, big data analytics, time series, biomedical and health informatics, etc. Soft computing approaches such as genetic programming (GP), support vector machine–firefly algorithm (SVM-FFA), artificial neural network (ANN), and support vector machine–wavelet (SVM-Wavelet) have emerged as powerful computational models. These have also shown significant success in dealing with massive data analysis for large number of applications. All the researchers and practitioners will be highly benefited those who are working in field of computer engineering, medicine, biology application, signal processing, and mechanical engineering. This book is a good collection of state-of-the-art approaches for soft computing-based applications to various engineering fields. It is very beneficial for the new researchers and practitioners

working in the field to quickly know the best performing methods. They would be able to compare different approaches and can carry forward their research in the most important area of research which has direct impact on betterment of the human life and health. This book is very useful because there is no book in the market which provides a good collection of state-of-the-art methods of soft computing-based models for multimedia retrieval, fault tolerance, system modelling, network architecture, Web semantics, big data analytics, time series, and biomedical and health informatics.

Big Data Processing Using Spark in Cloud - Mamta Mittal
2018-06-16

The book describes the emergence of big data technologies and the role of Spark in the entire big data stack. It compares Spark and Hadoop and identifies the shortcomings of Hadoop that have been overcome by Spark. The book mainly focuses on the in-depth architecture of Spark

and our understanding of Spark RDDs and how RDD complements big data's immutable nature, and solves it with lazy evaluation, cacheable and type inference. It also addresses advanced topics in Spark, starting with the basics of Scala and the core Spark framework, and exploring Spark data frames, machine learning using Mllib, graph analytics using Graph X and real-time processing with Apache Kafka, AWS Kinesis, and Azure Event Hub. It then goes on to investigate Spark using PySpark and R. Focusing on the current big data stack, the book examines the interaction with current big data tools, with Spark being the core processing layer for all types of data. The book is intended for data engineers and scientists working on massive datasets and big data technologies in the cloud. In addition to industry professionals, it is helpful for aspiring data processing professionals and students working in big data processing and cloud computing

environments.

Artificial Intelligence and Evolutionary Computations in Engineering Systems - S.

Chandramohan 2021-08-18

This book gathers selected papers presented at the 6th International Conference on Artificial Intelligence and Evolutionary Computations in Engineering Systems, held at the Anna University, Chennai, India, from 20 to 22 April 2020. It covers advances and recent developments in various computational intelligence techniques, with an emphasis on the design of communication systems. In addition, it shares valuable insights into advanced computational methodologies such as neural networks, fuzzy systems, evolutionary algorithms, hybrid intelligent systems, uncertain reasoning techniques, and other machine learning methods and their application to decision-making and problem-solving in mobile and wireless communication networks.

Campus Plus 2019 - Infokerala Communications Pvt Ltd

2019-05-01

India, bounded by the majestic Himalayan ranges in the North and edged by an endless stretch of golden beaches, is the land of hoary tradition and cultural diverse. Vivid kaleidoscope of landscapes, glorious historical sites and royal cities, misty mountain hideaways, colourful people, rich civilizations and festivities craft India Incredible. Recent years have witnessed the educational scene, especially the higher education sector in the State undergoing a sea change in respect of quality, diversity and accessibility in tune with the global trends. Kerala's surge in the educational front is to be viewed in the backdrop of the country's great legacy in education. India has been a major seat of learning for thousands of years. The country was home to Takshashila, the first university in the world and Aryabhama, the inventor of the digit Zero. In fact, education in Kerala has now become more value added and affordable, thanks to the

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pro-active initiatives of the State Government and active involvement of the private sector. Moreover, in the higher education market, Kerala has a significant edge in respect of cost which means that there would be growing influx of candidates into the state from outside the state for better and affordable professional education in the days to come. With the most sought after professionals and excellent network of institutes Kerala is becoming the very preferred educational destination in the world. And, we are equipped for you with some elucidations which step-up her significance in the educational map. In Campus Plus, we propose some valuable information along with a number of educational institutes in the State which will be useful for the students and parents in the higher education scenario.

Sustainable energy supply in Asia - Pradeep Chaturvedi 1997

Advanced Deep Learning for Engineers and Scientists - Kolla Bhanu Prakash 2021-07-24

This book provides a complete illustration of deep learning concepts with case-studies and practical examples useful for real time applications. This book introduces a broad range of topics in deep learning. The authors start with the fundamentals, architectures, tools needed for effective implementation for scientists. They then present technical exposure towards deep learning using Keras, Tensorflow, Pytorch and Python. They proceed with advanced concepts with hands-on sessions for deep learning. Engineers, scientists, researches looking for a practical approach to deep learning will enjoy this book. Presents practical basics to advanced concepts in deep learning and how to apply them through various projects; Discusses topics such as deep learning in smart grids and renewable energy & sustainable development; Explains how to implement advanced techniques in deep learning using Pytorch, Keras, Python programming.

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The Hindu Index - 2006

Helping Children Learn Mathematics, 3rd Australian Edition

- Robert Reys
2020-01-21

The third edition of Reys' Helping Children Learn Mathematics is a practical resource for undergraduate students of primary school teaching. Rich in ideas, tools and stimulation for lessons during teaching rounds or in the classroom, this edition continues to provide a clear understanding of how to

navigate the Australian Curriculum, with detailed coverage on how to effectively use Information and Communications Technology (ICT) in the classroom. This is a full colour printed textbook with an interactive eBook code included. Great self-study features include: auto-graded in-situ knowledge check questions, video of teachers demonstrating how different maths topics can be taught in the classroom and animated, branched chain scenarios are in the e-text.