

Sikkim Manipal Previous Year Papers Mbbs | a7140ffb816f9701510de77b77bc9542

20 Plus CBSE Sample Papers English Class 10 (2020-21) Examination Trends in Wireless Communication and Information Security Tourism and Opportunities for Economic Development in Asia Indian Media in a Globalised World Advances in Communication, Devices and Networking Advances in Power Systems and Energy Management Foundations and Frontiers in Computer, Communication and Electrical Engineering Ethno-Ornithology of Lepshas of Sikkim Advances in Smart Grid and Renewable Energy Bio-Cultural Diveristy & Sustainable Development In North East India Handbook of Research on Advanced Data Mining Techniques and Applications for Business Intelligence Law Previous Question Papers NET JRF Recent Advances in Hybrid Metaheuristics for Data Clustering Competition Science Vision Accuracy Enhancement Technologies for Micromachining Processes Advances in Smart Grid and Renewable Energy Soft Computing Techniques and Applications Smart Agricultural Services Using Deep Learning, Big Data, and IoT Advances in Communication, Cloud, and Big Data Trends in Communication, Cloud, and Big Data International Conference on Digital Libraries (ICDL) 2016 NTA UGC NET/JRF/SET Teaching & Research Aptitude Paper 1 2021 Forensic Analysis Destination Management and Marketing: Breakthroughs in Research and Practice Sikkim Development Report Advances in Systems, Control and Automations Recent Developments in Machine Learning and Data Analytics Dynamic Perspectives on Globalization and Sustainable Business in Asia Data-Driven Optimization of Manufacturing Processes Advances in Communication, Devices and Networking Cognitive Informatics and Soft Computing Sustainability Modeling In Engineering: A Multi-criteria Perspective Identity in Question: The Study of Tibetan Refugees in the Indian Himalayas Micro-electrical Discharge Machining Processes Fundamentals of Operating System Biometric Authentication in Online Learning Environments Supply Chain and Logistics Management: Concepts, Methodologies, Tools, and Applications Advanced Computational and Communication Paradigms A Deep Dive into NoSQL Databases: The Use Cases and Applications Research Advances in the Integration of Big Data and Smart Computing

20 Plus CBSE Sample Papers English Class 10 (2020-21) Examination

The book covers recent trends in the field of devices, wireless communication and networking. It presents the outcomes of the International Conference in Communication, Devices and Networking (ICCDN 2018), which was organized by the Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim, India on 2–3 June, 2018. Gathering cutting-edge research papers prepared by researchers, engineers and industry professionals, it will help young and experienced scientists and developers alike to explore new perspectives, and offer them inspirations on addressing real-world problems in the field of electronics, communication, devices and networking.

Trends in Wireless Communication and Information Security

This book is an outcome of the second national conference on Communication, Cloud and Big Data (CCB) held during November 10-11, 2016 at Sikkim Manipal Institute of Technology. The nineteen chapters of the book are some of the accepted papers of CCB 2016. These chapters have undergone review process and then subsequent series of improvements. The book contains chapters on various aspects of communication, computation, cloud and big data. Routing in wireless sensor networks, modulation techniques, spectrum hole sensing in cognitive radio networks, antenna design, network security, Quality of Service issues in routing, medium access control protocol for Internet of Things, and TCP performance over different routing protocols used in mobile ad-hoc networks are some of the topics discussed in different chapters of this book which fall under the domain of communication. Moreover, there are chapters in this book discussing topics like applications of geographic information systems, use of radar for road safety, image segmentation and digital media processing, web content management system, human computer interaction, and natural language processing in the context of Bodo language. These chapters may fall under broader domain of computation. Issues like robot navigation exploring cloud technology, and application of big data analytics in higher education are also discussed in two different chapters. These chapters fall under the domains of cloud and big data, respectively.

Tourism and Opportunities for Economic Development in Asia

The development of business intelligence has enhanced the visualization of data to inform and facilitate business management and strategizing. By implementing effective data-driven techniques, this allows for advance reporting tools to cater to company-specific issues and challenges. The Handbook of Research on Advanced Data Mining Techniques and Applications for Business Intelligence is a key resource on the latest advancements in business applications and the use of mining software solutions to achieve optimal decision-making and risk management results. Highlighting innovative studies on data warehousing, business activity monitoring, and text mining, this publication is an ideal reference source for research scholars, management faculty, and practitioners.

Indian Media in a Globalised World

Business practices are constantly evolving in order to meet growing customer demands. Evaluating the role of logistics and supply chain management skills or applications is necessary for the success of any organization or business. As market competition becomes more aggressive, it is crucial to evaluate ways in which a business can maintain a strategic edge over competitors. Supply Chain and Logistics Management: Concepts, Methodologies, Tools, and Applications is a vital reference source that centers on the effective management of risk factors and the implementation of the latest supply management strategies. It also explores the field of digital supply chain optimization and business transformation. Highlighting a range of topics such as inventory management, competitive advantage, and transport management, this multi-volume book is ideally designed for business managers, supply chain managers, business professionals, academicians, researchers, and upper-level students in the field of supply chain management, operations management, logistics, and operations research.

Advances in Communication, Devices and Networking

Student assessment in online learning is submitted remotely without any face-to-face interaction, and therefore, student authentication is widely seen as one of the major challenges in online examination. Authentication is the process of determining whether someone or something is, in fact, who or what it is declared to be. As the dependence upon computers and computer networks grows, especially within education, the need for authentication has increased. Biometric Authentication in Online Learning Environments provides innovative insights into biometrics as a strategy to mitigate risk and provide authentication, while introducing a framework that provides security to improve e-learning and on-line examination by utilizing biometric-based authentication techniques. This book examines e-learning, security, threats in online exams, security considerations, and biometric technologies, and is designed for IT professionals, higher education administrators, professors, researchers, business professionals, academicians, and libraries seeking topics centered on biometrics as an authentication strategy within educational environments.

Advances in Power Systems and Energy Management

The growing market of tourism in Asian countries has caused significant changes to the economy, transportation, and safety for citizens. With the ubiquity of tourism, there is now an increasing need for resources to assist in the challenges that arise. Tourism and Opportunities for Economic Development in Asia is a key resource on the priorities, challenges, and strategies in the globalized economy of the Asian tourism market. Highlighting multidisciplinary studies on cultural tourism, gastronomy, and hospitality management, this publication is an ideal reference source for academicians, researchers, politicians, policy makers, and information technology directors actively involved in the tourism industry.

Foundations and Frontiers in Computer, Communication and Electrical Engineering

Ethno-Ornithology of Lepshas of Sikkim

This book comprises select proceedings of the international conference ETAEERE 2020. This volume covers latest research in advanced approaches in automation, control based devices, and adaptive learning mechanisms. The contents discuss the complex operations and behaviors of different systems or machines in different environments. Some of the areas covered include control of linear and nonlinear systems, intelligent systems, stochastic control, knowledge-based systems applications, fault diagnosis and tolerant control, and real-time control applications. The contents of this volume can be useful for researchers as well as professionals working in control and automation.

Advances in Smart Grid and Renewable Energy

Bio-Cultural Diveristy & Sustainable Development In North East India

An authoritative guide to an in-depth analysis of various state-of-the-art data clustering approaches using a range of computational intelligence techniques Recent Advances in Hybrid Metaheuristics for Data Clustering offers a guide to the fundamentals of various metaheuristics and their application to data clustering. Metaheuristics are designed to tackle complex clustering problems where classical clustering algorithms have failed to be either effective or efficient. The authors—noted experts on the topic—provide a text that can aid in the design and development of hybrid metaheuristics to be applied to data clustering. The book includes performance analysis of the hybrid metaheuristics in relationship to their conventional counterparts. In addition to providing a review of data clustering, the authors include in-depth analysis of different optimization algorithms. The text offers a step-by-step guide in the build-up of hybrid metaheuristics and to enhance comprehension. In addition, the book contains a range of real-life case studies and their applications. This important text: Includes performance analysis of the hybrid metaheuristics as related to their conventional counterparts Offers an in-depth analysis of a range of optimization algorithms Highlights a review of data clustering Contains a detailed overview of different standard metaheuristics in current use Presents a step-by-step guide to the build-up of hybrid metaheuristics Offers real-life case studies and applications Written for researchers, students and academics in computer science, mathematics, and engineering, Recent Advances in Hybrid Metaheuristics for Data Clustering provides a text that explores the current data clustering approaches using a range of computational intelligence techniques.

Handbook of Research on Advanced Data Mining Techniques and Applications for Business Intelligence

This book bridges the gap between the demand for micro-featured components on the one hand, and successful micromachining of miniature products on the other. In addition to covering micromachining in the broader sense, it specifically addresses novel machining strategies implemented in various advanced micromachining processes to improve machining accuracy, energy consumption, component durability, and miniature-scale applicability. The book's main goal is to present the capabilities of advanced micromachining processes in terms of miniature product manufacturing by highlighting various innovative machining strategies that can be used to augment the production scale and precision alike.

Law Previous Question Papers NET JRF

The ICDL Conferences are recognized as one of the most important platforms in the world where noted experts share their experiences. Many DL experts have contributed thought-provoking papers in ICDL 2016. These important papers are reviewed and conceptualized into ICDL on different areas of DL proceedings. The Proceedings have two volumes and over 700 pages.

Recent Advances in Hybrid Metaheuristics for Data Clustering

The volume, complexity, and irregularity of computational data in modern algorithms and simulations necessitates an unorthodox approach to computing. Understanding the facets and possibilities of soft computing algorithms is necessary for the accurate and timely processing of complex data. Research Advances in the Integration of Big Data and Smart Computing builds on the available literature in the realm of Big Data while providing further research opportunities in this dynamic field. This publication provides the resources necessary for technology developers, scientists, and policymakers to adopt and implement new paradigms in computational methods across the globe. The chapters in this publication advance the body of knowledge on soft computing techniques through topics such as transmission control protocol for mobile ad hoc networks, feature extraction, comparative analysis of filtering techniques, big data in economic policy, and advanced dimensionality reduction methods.

Competition Science Vision

Ethno-ornithology is the study of the relationship between people and birds. This book makes an in-depth study of ethno-ornithological traditions of the Lepchas—an aboriginal group of people of North-East India. Bringing to light the Lepcha bird nomenclature, it describes in detail the place of birds in Lepcha myths of origins and their importance in the day-to-day lives of the Lepcha people. Taking note of Lepcha views on the birds, it also presents behaviour of different birds as depicted in Lepcha folktales, songs and dances.

Accuracy Enhancement Technologies for Micromachining Processes

1. The whole syllabus of General Paper -1 is divided into 10 Sections 2. Every topic is well explained. 3. Every Chapter of each unit consists of Previous Years' Solved Paper 4. More than 3000 MCQs are designed exactly on the lines of paper. 5. Previous Years' Solved Papers [2020-2019] are provided to give hints and base for preparation. 6. 5 Practice Sets are given for the self -assessment to track the level preparedness. Every year, approx. 10 lakh candidates register for NTA UGC exam to become a lecturer or researcher in various fields. If you are keen to pursue a career in the lectureship, then appearing in NTA UGC NET Exam will be the best decision. The newly updated and well revised 'NTA UGC NET/SET/JRF Teaching and Research Aptitude Paper 1' has been designed under the guidance of many subject experts, following the content according to the latest syllabus & pattern of the exam. Dividing the entire syllabus under 10 Units, discussing and elaborating each chapter in easy understanding language supported with Examples, Flowcharts, Figures, Diagrams, etc. Other than theory, it has ample number of questions with; more than 3000 Chapterwise/Unitwise MCQs for complete practice, Chapter/Unitwise Previous Years' Papers (2014-2019), 5 Practice Sets are given with Online Practice and 2020-2019 Solved Papers are provided with detailed explanations. This book for General English Paper 1 gives a complete account of Teaching and Research Aptitude to score maximum in this compulsory paper. TOC Solved Paper December 2020 [shift- I], Solved Paper December 2020 [Shift -II], Solved Paper June 2018, Solved Paper December 2019, Solved Paper July 2018, Unit 1 Teaching Aptitude, Unit 2 Research Aptitude, Unit 3 Comprehension, Unit 4 Communication, Unit 5 Mathematical Reasoning and Aptitude, Unit 6 Logical Reasoning, Unit 7 Data Interpretation, Unit 8 Information and Communication Technology, Unit 9 People, Development and Environment, Unit 10 Higher Education System, Practice Sets (1-5).

Advances in Smart Grid and Renewable Energy

Focusing on soft computing techniques and application in various engineering research domains, this book presents the state-of-the-art outcomes from ongoing research works being conducted in various research laboratories and educational institutions. The included research works deal with estimated models and give resolutions to complex real-life issues. In the field of evolutionary computing and other domains of applications, such as, data mining and fuzzy logic, soft computing techniques play an incomparable role, where it successfully handles contemporary computationally intensive and complex problems that have usually appeared to be inflexible to traditional mathematical methods. Comprising the concepts and applications of soft computing with other emerging research domains, this book cherishes varieties of modern applications in the fields of natural language processing, image processing, biomedical engineering, communication, control systems, circuit design etc. .

Soft Computing Techniques and Applications

Smart Agricultural Services Using Deep Learning, Big Data, and IoT

This book comprises select proceedings of the international conference ETAEERE 2020, and primarily focuses on renewable energy resources and smart grid technologies. The book provides valuable information on the technology and design of power grid integration on microgrids of green energy sources. Some of the topics covered include solar PV array, hybrid microgrid, daylight harvesting, green computing, photovoltaic applications, nanogrid applications, AC/DC/AC converter for wind energy systems, solar photovoltaic panels, PEM fuel cell system, and biogas run dual-fueled diesel engine. The contents of this book will be useful for researchers and practitioners working in the areas of smart grids and renewable energy generation, distribution, and management.

Advances in Communication, Cloud, and Big Data

Online Library Sikkim Manipal Previous Year Papers Mbbs

This book explores the transformation of Indian media in the context of two major developments: globalisation (which Sociologist Anthony Giddens terms as being 'revolutionary') and advances in communication technologies. It is rich in empirical details of how the Indian media has evolved in the past two decades, particularly in the context of potential to transform, construct and nurture particular identities in response to globalisation. The study of the transformation of Indian media is significant because not only has globalisation allowed access to a host of things hitherto represented as 'foreign' to Indian culture by the media, but it has also opened the floodgates for foreign media. Adopting a multi-disciplinary approach, this book looks at the role of media in purveying political, economic and cultural identities, the current definitions of 'we', 'they', and the 'other', and how the 'other' is perceived in contemporary India. The discussions cover all forms of media, that is, newspaper, films, radio, television and online media, along with media policy and other economic challenges facing the media.

Trends in Communication, Cloud, and Big Data

Given the increasing need to optimize resources sustainably, decision-makers face challenges in analyzing and considering the numerous factors involved. This book makes an effort to present and concentrate on the challenges in decision-making processes for green and sustainable engineering. Through a collection of case studies such as evaluation of waste assessment and drainage system, sustainable building assessment, renewable energy selection, materials and manufacturing process optimization, and crop pattern influence in environmental and economic conditions, readers can learn how to apply cutting-edge Multiple-Criteria Decision Making (MCDM) methods in addressing complexities involved in the decision-making process.

International Conference on Digital Libraries (ICDL) 2016

Law Previous Question Papers NET JRF UGC CBSE Net Jrf previous year solved papers, net jrf paper 1 and paper 2, net jrf paper – I and paper-II, teaching and research aptitude paper -1, paper – I, net jrf exam guide manual books, net jrf previous year questions mcq

NTA UGC NET/JRF/SET Teaching & Research Aptitude Paper 1 2021

This volume comprises select proceedings of ETAEERE-2016. The volume offers state-of-the-art chapters on energy management systems (EMS), renewable energy resources, micro-generation, green communications architectures and frameworks, green computing and education as well as energy-aware process optimization. The contents covers a wide variety of topics and aspects including management of renewable energy systems and environmental challenges. The contents of this volume will be useful to researchers and practicing engineers working in the areas of smart grids and renewable energy generation, distribution, and management.

Forensic Analysis

The marketing of a destination necessitates strategic planning, decision making, and organization. Effective positioning will result in a strong brand that develops an emotional and productive two-way relationship. Notwithstanding, destination managers should possess relevant knowledge and understanding on traditional and contemporary marketing channels to better engage with prospective visitors. Destination Management and Marketing: Breakthroughs in Research and Practice focuses on utilizing destination branding and content marketing for sustainable growth and competitive advantage within the tourism and hospitality industry, including tools and techniques for travel branding and best practices for better tourism management strategies. Highlighting a range of topics such as service quality, sustainable tourism, and competitiveness model, this publication is an ideal reference source for government officials, travel agencies, advertisers, marketers, tour directors, hotel managers, restaurateurs, industry professionals including those within the hotel, leisure, transportation, and theme park sectors, policymakers, practitioners, academicians, researchers, and students.

Destination Management and Marketing: Breakthroughs in Research and Practice

In the increasingly turbulent political climate, there has been growing interest in economic and international relations with Asia. Understanding the business practices in countries of this region, particularly uncertainties, risks, and opportunities associated with doing business in Asia, will be key for competing in a global economy. Dynamic Perspectives on Globalization and Sustainable Business in Asia provides perspectives on the challenges and opportunities of business growth in Asia with strategic insights on knowledge production, innovation, and disruptive technologies. Featuring coverage on a broad range of topics such as consumer behavior, financial literacy, and value perception, this book is ideally designed for academicians, researchers, government officials, policymakers, and practitioners seeking current research on the development of networks to support competitive advantage in the global economy and viable enterprises.

Sikkim Development Report

It is my pleasure to place before you the book "Forensic Analysis - From Death to Justice" which presents one of the major portions of the broad specialty of Forensic Science comprising mainly of Thanatology and Criminalistics. This book has been designed to incorporate a wide range of new ideas and unique works from all authors from topics like Forensic Engineering, Forensic Entomology and Crime Scene Investigation. I hope that it will be useful to practitioners of forensic medicine, experts, pathologists, law makers, investigating authorities, undergraduate and postgraduate medical school graduates of medicine.

Advances in Systems, Control and Automations

The agricultural sector can benefit immensely from developments in the field of smart farming. However, this research area focuses on providing specific fixes to particular situations and falls short on implementing data-driven frameworks that provide large-scale benefits to the industry as a whole. Using deep learning can bring immense data and improve our understanding of various earth sciences and improve farm services to yield better crop production and profit.

Smart Agricultural Services Using Deep Learning, Big Data, and IoT is an essential publication that focuses on the application of deep learning to agriculture. While highlighting a broad range of topics including crop models, cybersecurity, and sustainable agriculture, this book is ideally designed for engineers, programmers, software developers, agriculturalists, farmers, policymakers, researchers, academicians, and students.

Recent Developments in Machine Learning and Data Analytics

This book presents the outcomes of the Third National Conference on Communication, Cloud and Big Data (CCB) held on November 2–3, 2018, at Sikkim Manipal Institute of Technology, Majitar, Sikkim. Featuring a number of papers from the conference, it explores various aspects of communication, computation, cloud, and big data, including routing in cognitive radio wireless sensor networks, big data security issues, routing in ad hoc networks, routing protocol for Internet of things (IoT), and algorithm for imaging quality enhancement.

Dynamic Perspectives on Globalization and Sustainable Business in Asia

Competition Science Vision (monthly magazine) is published by Pratiyogita Darpan Group in India and is one of the best Science monthly magazines available for medical entrance examination students in India. Well-qualified professionals of Physics, Chemistry, Zoology and Botany make contributions to this magazine and craft it with focus on providing complete and to-the-point study material for aspiring candidates. The magazine covers General Knowledge, Science and Technology news, Interviews of toppers of examinations, study material of Physics, Chemistry, Zoology and Botany with model papers, reasoning test questions, facts, quiz contest, general awareness and mental ability test in every monthly issue.

Data-Driven Optimization of Manufacturing Processes

A Deep Dive into NoSQL Databases: The Use Cases and Applications, Volume 109, the latest release in the Advances in Computers series first published in 1960, presents detailed coverage of innovations in computer hardware, software, theory, design and applications. In addition, it provides contributors with a medium in which they can explore their subjects in greater depth and breadth. This update includes sections on NoSQL and NewSQL databases for big data analytics and distributed computing, NewSQL databases and scalable in-memory analytics, NoSQL web crawler application, NoSQL Security, a Comparative Study of different In-Memory (No/New)SQL Databases, NoSQL Hands On-4 NoSQLs, the Hadoop Ecosystem, and more. Provides a very comprehensive, yet compact, book on the popular domain of NoSQL databases for IT professionals, practitioners and professors Articulates and accentuates big data analytics and how it gets simplified and streamlined by NoSQL database systems Sets a stimulating foundation with all the relevant details for NoSQL database researchers, developers and administrators

Advances in Communication, Devices and Networking

The book presents new approaches and methods for solving real-world problems. It offers, in particular, exploratory research that describes novel approaches in the fields of Cognitive Informatics, Cognitive Computing, Computational Intelligence, Advanced Computing, Hybrid Intelligent Models and Applications. New algorithms and methods in a variety of fields are also presented, together with solution-based approaches. The topics addressed include various theoretical aspects and applications of Computer Science, Artificial Intelligence, Cybernetics, Automation Control Theory and Software Engineering.

Cognitive Informatics and Soft Computing

Salient Features of 20+ Sample Papers English Class 10 1. The book is designed strictly as per the Reduced CBSE Syllabus released on 7th July, 2020; Circular No.: Acad - 47/2020. 2. All Sample Papers are based on the latest CBSE Sample Question Paper 2021 released on 9th October, 2020; Circular 3. Solution of CBSE Sample Question Paper 2021 and 10 Sample Papers are given. 4. 10 Unsolved Sample Papers are given for ample practice. Students will be able to access the solutions of these papers by scanning the QR Code given at the back of the book.

Sustainability Modeling In Engineering: A Multi-criteria Perspective

All machining process are dependent on a number of inherent process parameters. It is of the utmost importance to find suitable combinations to all the process parameters so that the desired output response is optimized. While doing so may be nearly impossible or too expensive by carrying out experiments at all possible combinations, it may be done quickly and efficiently by using computational intelligence techniques.

Due to the versatile nature of computational intelligence techniques, they can be used at different phases of the machining process design and optimization process. While powerful machine-learning methods like gene expression programming (GEP), artificial neural network (ANN), support vector regression (SVM), and more can be used at an early phase of the design and optimization process to act as predictive models for the actual experiments, other metaheuristics-based methods like cuckoo search, ant colony optimization, particle swarm optimization, and others can be used to optimize these predictive models to find the optimal process parameter combination. These machining and optimization processes are the future of manufacturing. Data-Driven Optimization of Manufacturing Processes contains the latest research on the application of state-of-the-art computational intelligence techniques from both predictive modeling and optimization viewpoint in both soft computing approaches and machining processes. The chapters provide solutions applicable to machining or manufacturing process problems and for optimizing the problems involved in other areas of mechanical, civil, and electrical engineering, making it a valuable reference tool. This book is addressed to engineers, scientists, practitioners, stakeholders, researchers, academicians, and students interested in the potential of recently developed powerful computational intelligence techniques towards improving the performance of machining processes.

Identity in Question: The Study of Tibetan Refugees in the Indian Himalayas

Joining previous editions on other Indian states, this report focuses on Sikkim, a state that is a popular tourist destination for its culture, scenic beauty, and biodiversity. Analyzing the entire range of the state's development issues of interest to businesses, nongovernmental organizations, research organizations, and policy makers, this volume discusses the constraints and challenges faced by Sikkim and provides a blueprint for its socioeconomic progress.

Micro-electrical Discharge Machining Processes

The 3rd International Conference on Foundations and Frontiers in Computer, Communication and Electrical Engineering is a notable event which brings together academia, researchers, engineers and students in the fields of Electronics and Communication, Computer and Electrical Engineering making the conference a perfect platform to share experience, f

Fundamentals of Operating System

This Book Explores The Ways To Address The Problem Of Deterioration Of Bio-Cultural Diversity In North East Indian In The Name Of Development. It Discusses At Length The Linkage Between Environmental Quality And Economic Growth.

Biometric Authentication in Online Learning Environments

The book titled Advanced Computational and Communication Paradigms: Proceedings of International Conference on ICACCP 2017, Volume 2 presents refereed high-quality papers of the First International Conference on Advanced Computational and Communication Paradigms (ICACCP 2017) organized by the Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, held from 8–10 September 2017. ICACCP 2017 covers an advanced computational paradigms and communications technique which provides failsafe and robust solutions to the emerging problems faced by mankind. Technologists, scientists, industry professionals and research scholars from regional, national and international levels are invited to present their original unpublished work in this conference. There were about 550 technical paper submitted. Finally after peer review, 142 high-quality papers have been accepted and registered for oral presentation which held across 09 general sessions and 05 special sessions along with 04 keynote address and 06 invited talks. This volume comprises 77 accepted papers of ICACCP 2017.

Supply Chain and Logistics Management: Concepts, Methodologies, Tools, and Applications

This book offers a comprehensive collection of micro electrical discharge machining (EDM) processes, including hybrid processes. It discusses the theory behind each process and their applications in various technological as well as biomedical domains, and also presents a brief background to various micro EDM processes, current research challenges, and detailed case studies of micro-manufacturing miniaturized parts. The book serves as a valuable guide for students and researchers interested in micro EDM and other related processes.

Advanced Computational and Communication Paradigms

This book is a collection of research articles and critical review articles, describing the overall approach to energy management. The book emphasizes the technical issues that drive energy efficiency in context of power systems. This book contains case studies with and without solutions on modelling, simulation and optimization techniques. It covers some innovative topics such as medium voltage (MV) back-to-back (BTB) system, cost optimization of a ring frame unit in textile industry, rectenna for radio frequency (RF) energy harvesting, ecology and energy dimension in infrastructural designs, 2.4 kW three-phase inverter for aircraft application, study of automatic generation control (AGC) in a two area hydrothermal power system, energy-efficient and reliable depth-based routing protocol for underwater wireless sensor network, and power line communication using LabVIEW. This book is primarily targeted at researchers and senior graduate students, but is also highly useful for the industry professional and scientists.

A Deep Dive into NoSQL Databases: The Use Cases and Applications

"Identity in Question: The Study of Tibetan Refugees in Indian Himalayas" focuses on the socio-economic profile and the question of identity among the diasporic Tibetan communities, particularly those settled in Indian Himalaya. Through incorporating the notion of integration, essential in the formation and formulation of an individual's identity, this book explores Tibetan refugees' feelings as to whether a shared consensus between themselves and others exists, or whether a sense of dislocation is experienced. This important and timely work also sheds light on the question of identity crisis among Tibetan youths as well as conflicting gender role identity of the Tibetan women refugees. Delving into such topics is essential for the increased understanding of the various situations encountered by the diasporic communities of Tibet. Therefore, individuals who are seeking to understand the issue by means of academic engagement and through a policy framework process will benefit from this work.

Research Advances in the Integration of Big Data and Smart Computing

This book presents high-quality papers from an international forum for research on computational approaches to learning. It includes current research and findings from various research labs, universities and institutions that may lead to development of marketable products. It also provides solid support for these findings in the form of empirical studies, theoretical analysis, or comparison to psychological phenomena. Further, it features work that shows how to apply learning methods to solve important application problems as well as how machine learning research is conducted. The book is divided into two main parts: Machine Learning Techniques, which covers machine learning-related research and findings; and, Data Analytics, which introduces recent developments in this domain. Additionally, the book includes work on data analytics using machine learning techniques.

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