Resume Gitam University

Recognizing the showing off ways to acquire this ebook **Resume Gitam University** is additionally useful. You have remained in right site to begin getting this info. acquire the Resume Gitam University link that we give here and check out the link.

You could purchase guide Resume Gitam University or get it as soon as feasible. You could quickly download this Resume Gitam University after getting deal. So, in the manner of you require the ebook swiftly, you can straight acquire it. Its appropriately categorically simple and thus fats, isnt it? You have to favor to in this flavor

Proceedings of the Seventh International Conference on Mathematics and Computing - Debasis Giri 2022-03-06
This book features selected papers from the 7th International Conference on Mathematics and Computing (ICMC 2021), organized by Indian Institute of Engineering Science and Technology (IIEST), Shibpur, India, during March 2021. It covers recent advances in the field of mathematics, statistics, and scientific computing. The book presents innovative work by leading academics, researchers, and experts from industry.

Therapeutic, Probiotic, and Unconventional Foods - Alexandru Mihai Grumezescu 2018-04-18
Therapeutic, Probiotic and Unconventional Foods compiles the most recent, interesting and innovative research on unconventional and therapeutic foods, highlighting their role in improving health and life quality, their implications on safety, and their industrial and economic impact. The book focuses on probiotic foods, addressing the benefits and challenges associated with probiotic and prebiotic use. It then explores the most recently investigated and well-recognized nutraceutical and medicinal foods and the food products and ingredients that have both an impact on human health and a potential therapeutic effect. The third and final section explores unconventional foods and discusses intriguing and debated foods and food sources. While research has been conducted on

the beneficial biological effects of probiotics and therapeutic food, the use of these foods remains controversial. To overcome the suspicion of the use of alternative, homeopathic and traditional products as therapy, this book reveals and discusses the most recent and scientifically sound and confirmed aspects of the research. Compiles the most recent, interesting and innovative research on unconventional and therapeutic foods Highlights the role of unconventional and therapeutic foods in improving health and life quality Discusses the implications of unconventional and therapeutic foods on safety Presents the industrial and economic impact of unconventional and therapeutic foods

Advances in Fluid Dynamics - B. Rushi Kumar 2020-07-10
This book comprises selected peer-reviewed proceedings of the International Conference on Applications of Fluid Dynamics (ICAFD 2018) organized by the School of Advanced Sciences, Vellore Institute of Technology, India, in association with the University of Botswana and the Society for Industrial and Applied Mathematics (SIAM), USA. With an aim to identify the existing challenges in the area of applied mathematics and mechanics, the book emphasizes the importance of establishing new methods and algorithms to address these challenges. The topics covered include diverse applications of fluid dynamics in aerospace dynamics and propulsion, atmospheric sciences, compressible flow, environmental fluid dynamics, control structures, viscoelasticity and mechanics of

composites. Given the contents, the book is a useful resource for students, researchers as well as practitioners.

Security in Computing and Communications - Peter Mueller 2016-09-16 This book constitutes the refereed proceedings of the 4th International Symposium on Security in Computing and Communications, SSCC 2016, held in Jaipur, India, in September 2016. The 23 revised full papers presented together with 16 short papers and an invited paper were carefully reviewed and selected from 136 submissions. The papers are organized in topical sections on cryptosystems, algorithms, primitives; security and privacy in networked systems; system and network security; steganography, visual cryptography, image forensics; applications security.

Advances in Animal Genomics - Sukanta Mondal 2020-11-25 Advances in Animal Genomics provides an outstanding collection of integrated strategies involving traditional and modern - omics (structural, functional, comparative and epigenomics) approaches and genomics-assisted breeding methods which animal biotechnologists can utilize to dissect and decode the molecular and gene regulatory networks involved in the complex quantitative yield and stress tolerance traits in livestock. Written by international experts on animal genomics, this book explores the recent advances in high-throughput, next-generation whole genome and transcriptome sequencing, array-based genotyping, and modern bioinformatics approaches which have enabled to produce huge genomic and transcriptomic resources globally on a genome-wide scale. This book is an important resource for researchers, students, educators and professionals in agriculture, veterinary and biotechnology sciences that enables them to solve problems regarding sustainable development with the help of current innovative biotechnologies. Integrates basic and advanced concepts of animal biotechnology and presents future developments Describes current high-throughput next-generation whole genome and transcriptome sequencing, array-based genotyping, and modern bioinformatics approaches for sustainable livestock production Illustrates integrated strategies to dissect and decode the molecular and gene regulatory networks involved in complex quantitative yield and

stress tolerance traits in livestock Ensures readers will gain a strong grasp of biotechnology for sustainable livestock production with its well-illustrated discussion

Single Variable Calculus - Soo T. Tan 2010-05 This manual includes worked-out solutions to every odd-numbered exercise in Multivariable Calculus (Chapters 10-15 of Calculus and Chapters 9-14 of Calculus: Early Transcendentals).

Industry 4.0: Managing The Digital Transformation - Alp Ustundag 2017-09-14 This book provides a comprehensive guide to Industry 4.0 applications, not only introducing implementation aspects but also proposing a conceptual framework with respect to the design principles. In addition, it discusses the effects of Industry 4.0, which are reflected in new business models and workforce transformation. The book then examines the key technological advances that form the pillars of Industry 4.0 and explores their potential technical and economic benefits using examples of real-world applications. The changing dynamics of global production, such as more complex and automated processes, high-level competitiveness and emerging technologies, have paved the way for a new generation of goods, products and services. Moreover, manufacturers are increasingly realizing the value of the data that their processes and products generate. Such trends are transforming manufacturing industry to the next generation, namely Industry 4.0, which is based on the integration of information and communication technologies and industrial technology.The book provides a conceptual framework and roadmap for decision-makers for this transformation

Business Performance Measurement and Management - Paolo Taticchi 2010-01-22 Measuring and managing the performance of a business is one of the most genuine desires of management. Balanced scorecard, the performance prism and activity-based management are the most popular frameworks in this setting. Based on the findings of R.G. Eccles' acclaimed "Performance Measurement Manifesto (1991)" this book introduces new contexts and themes of application and presents

emerging research areas related to business performance measurement and management, e.g. SMEs and sustainability. As a result of the 1st International Summer School Piero Lunghi on "Perspectives of Business Performance Management" this book is written both for students and academics, as well as for practitioners looking for new, yet proven ways to measure and manage business performance.

Trends, Challenges & Innovations in Management - Volume II - Dr Ramesh Kumar Miryala 2015-03-15
Globalization has proliferated business with numerous challenges and opportunities, and simultaneously at other end the growth in economy, population, income and standard of living has redefined the scope of business and thus the business houses approaches. A highly competitive environment, knowledgeable consumers and quicker pace of technology are keeping business enterprises to be on their toes. Today management and its concepts have become key for survival of any business entity. The unique cultural characteristics, tradition and dynamics of consumer, demand an innovative management strategy to achieve success. Effective Management has become an increasingly vital ingredient for business success and it profoundly affects our day-to-day life. Today, the role of a business houses has changed from merely selling products and services to transforming lives and nurturing lifestyles. The Indian business is changing and so do the management strategies. These changing scenarios in the context of globalization will bestow ample issues, prospects and challenges which need to be explored. The practitioners, academicians and researchers need to meticulously review these aspects and acquaint them with knowledge to sustain in such scenarios. Thus, these changing scenarios emphasize the need of a broad-based research in the field of management also reflecting in management education. This book is an attempt in that direction. I sincerely hope that this book will provide insights into the subject to faculty members, researchers and students from the management institutes, consultants, practicing managers from industry and government officers.

Biopolymers for Food Design - Alexandru Mihai Grumezescu 2018-04-03
Biopolymers for Food Design, Volume 20 in the Handbook of Bioengineering series, describes how biopolymers have made a major impact in the food industry, from food design, to food control and safety. Biopolymers can be used in the development of novel nutritional alternatives, to replace difficult to obtain food products, or for foods inaccessible or inappropriate for a particular population (i.e. allergic to specific components). In addition, some polymers can be used as functional ingredients, and can also represent efficient scaffolds for food ingredients with therapeutic values. This valuable reference is ideal for those looking for new solutions for the food industry. Presents common biopolymers and their applications in food bioengineering, from food design, to control and safety Identifies how the use of certain biopolymers can result in faster production time and reduced costs Includes cutting-edge technologies used in research for food design and other food-related applications Discusses the use of biopolymers in food packaging, shelf-life extension, and the creation of novel food products

IoT Fundamentals - David Hanes 2017-05-30
Today, billions of devices are Internet-connected, IoT standards and protocols are stabilizing, and technical professionals must increasingly solve real problems with IoT technologies. Now, five leading Cisco IoT experts present the first comprehensive, practical reference for making IoT work. IoT Fundamentals brings together knowledge previously available only in white papers, standards documents, and other hard-to-find sources—or nowhere at all. The authors begin with a high-level overview of IoT and introduce key concepts needed to successfully design IoT solutions. Next, they walk through each key technology, protocol, and technical building block that combine into complete IoT solutions. Building on these essentials, they present several detailed use cases, including manufacturing, energy, utilities, smart+connected cities, transportation, mining, and public safety. Whatever your role or existing infrastructure, you'll gain deep insight what IoT applications can do, and what it takes to deliver them. Fully covers the principles and components of next-generation wireless networks built with Cisco IOT solutions such as IEEE 802.11 (Wi-Fi), IEEE 802.15.4-2015 (Mesh), and LoRaWAN Brings together real-world tips, insights, and best practices

for designing and implementing next-generation wireless networks Presents start-to-finish configuration examples for common deployment scenarios Reflects the extensive first-hand experience of Cisco experts

Artificial Intelligence Applications for Smart Societies - Mohamed Elhoseny 2021-04-27
This volume discusses recent advances in Artificial Intelligence (AI) applications in smart, internet-connected societies, highlighting three key focus areas. The first focus is on intelligent sensing applications. This section details the integration of Wireless Sensing Networks (WSN) and the use of intelligent platforms for WSN applications in urban infrastructures, and discusses AI techniques on hardware and software systems such as machine learning, pattern recognition, expert systems, neural networks, genetic algorithms, and intelligent control in transportation and communications systems. The second focus is on AI-based Internet of Things (IoT) systems, which addresses applications in traffic management, medical health, smart homes and energy. Readers will also learn about how AI can extract useful information from Big Data in IoT systems. The third focus is on crowdsourcing (CS) and computing for smart cities. this section discusses how CS via GPS devices, GIS tools, traffic cameras, smart cards, smart phones and road deceleration devices enables citizens to collect and share data to make cities smart, and how these data can be applied to address urban issues including pollution, traffic congestion, public safety and increased energy consumption. This book will of interest to academics, researchers and students studying AI, cloud computing, IoT and crowdsourcing in urban applications.

2018-19 Annual Report - Centre for Invasive Species Solutions 2019

Vikalpa - 2007

Data Science and Its Applications - Aakanksha Sharaff 2021-08-18
The term "data" being mostly used, experimented, analyzed, and researched, "Data Science and its Applications" finds relevance in all domains of research studies including science, engineering, technology, management, mathematics, and many more in wide range of applications such as sentiment analysis, social medial analytics, signal processing, gene analysis, market analysis, healthcare, bioinformatics etc. The book on Data Science and its applications discusses about data science overview, scientific methods, data processing, extraction of meaningful information from data, and insight for developing the concept from different domains, highlighting mathematical and statistical models, operations research, computer programming, machine learning, data visualization, pattern recognition and others. The book also highlights data science implementation and evaluation of performance in several emerging applications such as information retrieval, cognitive science, healthcare, and computer vision. The data analysis covers the role of data science depicting different types of data such as text, image, biomedical signal etc. useful for a wide range of real time applications. The salient features of the book are: Overview, Challenges and Opportunities in Data Science and Real Time Applications Addressing Big Data Issues Useful Machine Learning Methods Disease Detection and Healthcare Applications utilizing Data Science Concepts and Deep Learning Applications in Stock Market, Education, Behavior Analysis, Image Captioning, Gene Analysis and Scene Text Analysis Data Optimization Due to multidisciplinary applications of data science concepts, the book is intended for wide range of readers that include Data Scientists, Big Data Analysists, Research Scholars engaged in Data Science and Machine Learning applications.

Hands-on Data Analysis and Visualization with Pandas - PURNA CHANDER RAO. KATHULA 2020-08-13
Learn how to use JupyterLab, Numpy, pandas, Scipy, Matplotlib, and Seaborn for Data science KEY FEATURES ● Get familiar with different inbuilt Data structures, Functional programming, and Datetime objects. ● Handling heavy Datasets to optimize the data types for memory management, reading files in chunks, dask, and modin pandas. ● Time-series analysis to find trends, seasonality, and cyclic components. ● Seaborn to build aesthetic plots with high-level interfaces and customized themes. ● Exploratory data analysis with real-time datasets to maximize the insights about data. DESCRIPTION The book will start

with quick introductions to Python and its ecosystem libraries for data science such as JupyterLab, Numpy, Pandas, SciPy, Matplotlib, and Seaborn. This book will help in learning python data structures and essential concepts such as Functions, Lambdas, List comprehensions, Datetime objects, etc. required for data engineering. It also covers an in-depth understanding of Python data science packages where JupyterLab used as an IDE for writing, documenting, and executing the python code, Numpy used for computation of numerical operations, Pandas for cleaning and reorganizing the data, handling large datasets and merging the dataframes to get meaningful insights. You will go through the statistics to understand the relation between the variables using SciPy and building visualization charts using Matplotllib and Seaborn libraries. WHAT WILL YOU LEARN ● Learn about Python data containers, their methods, and attributes. ● Learn Numpy arrays for the computation of numerical data. ● Learn Pandas data structures, DataFrames, and Series. ● Learn statistics measures of central tendency, central limit theorem, confidence intervals, and hypothesis testing. ● A brief understanding of visualization, control, and draw different inbuilt charts to extract important variables, detect outliers, and anomalies using Matplotlib and Seaborn. WHO THIS BOOK IS FOR This book is for anyone who wants to use Python for Data Analysis and Visualization. This book is for novices as well as experienced readers with working knowledge of the pandas library. Basic knowledge of Python is a must. TABLE OF CONTENTS 1. Introduction to Data Analysis 2. Jupyter lab 3. Python overview 4. Introduction to Numpy 5. Introduction to Pandas 6. Data Analysis 7. Time-Series Analysis 8. Introduction to Statistics 9. Matplotlib 10. Seaborn 11. Exploratory Data Analysis

Dharmic Values and Human Resource Management - R. C. Sastry 2001

Carnatic Music Compositions - 1994
Songs in Kannada, Sanskrit, Tamil, and Telugu; an alphabetical list with raga, tala, and name of the composer.
Wireless and Mobile Communications - Jack M. Holtzman 2012-12-06

In October 1993, the Rutgers University Wireless Infonnation Network Laboratory hosted the fourth WINLAB Workshop on Third Generation Wireless Infonnation Networks. These events bring together a select group of experts interested in the long tenn future of Personal Communications, Mobile Computing, and other services supported by wireless telecommunications technology. This is a fast moving field and we already see, in present practice, realizations of visions articulated in the earlier Workshops. In particular, the second generation systems that absorbed the attention of the first WINLAB Workshop, are now commercial products. It is an interesting reflection on the state of knowledge of wireless communications that the debates about the relative technical merits of these systems have not yet been resolved. Meanwhile, in the light of United States Government announcements in September 1993 the business and technical communities must confront this year a new generation of Personal Communications Services. Here we have applications in search of the best technologies rather than the reverse. This is a rare situation in the infonnation business. Today's advanced planning and forward looking studies will prevent technology shortages and uncertainties at the end of this decade. By then, market size and public expectations will surpass the capabilities of the systems of the mid-1990's. Third Generation Wireless Infonnation Networks will place greater burdens on technology than their predecessors by offering a wider range of services and a higher degree of service integration.

Global Management Solutions: Demystified - Dinesh Seth 2005-08-31
This book is written with the intention to demystify the confusion on management solutions, and provides clarity on the intent, philosophy and relevance in different scenarios behind key management solutions. It covers a wide spectrum of both IT-based and non-IT based solutions in manufacturing, service and software industries, which have transformed businesses in the last few decades.
GMAT Official Guide 2021, Book + Online Question Bank - GMAC (Graduate Management Admission Council) 2020-06-30
GMAT™ Official Guide 2021 Your GMAT™ prep begins here. Designed by

the makers of the GMAT exam. Study with confidence. All GMAT™ Official Prep products are the only prep resources containing real GMAT™ questions from past exams. It's why we are official. Get comprehensive practice by studying with 1,172 questions across quantitative and verbal reasoning from past GMAT™ exams. Answer explanations are included so that you can study the reasoning behind the answers to help improve your understanding and performance. The questions in each section are organized by difficulty level: easy, medium and hard. Start at the beginning and work your way up to the harder questions as you build upon your knowledge. The GMAT™ Official Guide 2021 will allow you to: LEARN ABOUT THE GMAT™ EXAM – Gain an overview of the exam including the format, content and test-taking strategies. GAIN COMPREHENSIVE PRACTICE – Prepare with over 1,172 questions across Quantitative and Verbal Reasoning sections and online. Study Answer Explanations – Learn the methods behind the answers with detailed explanations. Build Upon Your Knowledge – Practice with questions organized from easiest to hardest. Plus! Practice online with the GMAT™ Official Guide Online Question Bank Practice online with the same questions from the book PLUS more than 150 additional online-exclusive questions—included with your purchase. Online practice will allow you to: New! Review with online flashcardsto master key concepts to prepare and test with confidence Practice with a total of 1,172 practice questions Create your own online practice sets Filter by fundamental skill and difficulty level Track your improvements with performance metrics Practice in exam mode to get ready for test day Study on the go with the mobile app! Access your data seamlessly between your devices and offline! The GMAT™ Official Guide 2021 gives you the tools you need to confidently prepare for test day. This product includes print book with a unique code to access the GMAT™ Online Question Bank and mobile app.

Left, Right and Centre - Nidhi Razdan 2017-07-17
As India approaches its seventieth year of Independence, its people continue to grapple with multiple discourses: a few from the left, a considerable sum from the right and an impressive lot from the centre.

This book brings together diverse views from people across a wide spectrum of life-politicians, activists, administrators, artistes, academicians-who offer their idea of India. With a contextual introduction by Nidhi Razdan, this politically charged, argumentative, candid and humorous book opens a window to our understanding of India that largely remained untold and unknown for a long time.

THEORY AND PROBLEMS OF BASIC ELECTRICAL ENGINEERING,, Second Edition - NAGRATH, I. J. 2016-08-19
This comprehensive book with a blend of theory and solved problems on Basic Electrical Engineering has been updated and upgraded in the Second Edition as per the current needs to cater undergraduate students of all branches of engineering and to all those who are appearing in competitive examinations such as AMIE, GATE and graduate IETE. The text provides a lucid yet exhaustive exposition of the fundamental concepts, techniques and devices in basic electrical engineering through a series of carefully crafted solved examples, multiple choice (objective type) questions and review questions. The book covers, in general, three major areas: electric circuit theory, electric machines, and measurement and instrumentation systems.

Fundamentals of Statistics - Atindra Mohan Goon 1971

Psychology in the Indian Tradition - K. Ramakrishna Rao 2015-09-03
This authoritative volume, written by two well-known psychologist-philosophers, presents a model of the person and its implications for psychological theory and practice. Professors Ramakrishna Rao and Anand Paranjpe draw the contours of Indian psychology, describe the methods of study, explain crucial concepts, and discuss the central ideas and their application, illustrating them with insightful case studies and judicious reviews of available research data and existing scholarly literature. The main theme is organized around the thesis that psychology is the study of the person and that the person is a unique composite of body, mind and consciousness. The goal of the person is self-realization. Self-realization consists in the realization of one's true self as distinct from the manifest ego and it is facilitated by cultivating

consciousness. Cultivating consciousness leads to a kind of psycho-spiritual symbiosis resulting in personal transformation, altruistic value orientation and flowering of the hidden human potential.

Data Intelligence and Cognitive Informatics - I. Jeena Jacob 2022
The book is a collection of peer-reviewed best selected research papers presented at the International Conference on Data Intelligence and Cognitive Informatics (ICDICI 2021), organized by SCAD College of Engineering and Technology, Tirunelveli, India, during July 16-17, 2021. This book discusses new cognitive informatics tools, algorithms, and methods that mimic the mechanisms of the human brain which leads to an impending revolution in understating a large amount of data generated by various smart applications. The book includes novel work in data intelligence domain which combines with the increasing efforts of artificial intelligence, machine learning, deep learning, and cognitive science to study and develop a deeper understanding of the information processing systems.

CEH Certified Ethical Hacker Study Guide - Kimberly Graves 2010-06-03
Full Coverage of All Exam Objectives for the CEH Exams 312-50 and EC0-350 Thoroughly prepare for the challenging CEH Certified Ethical Hackers exam with this comprehensive study guide. The book provides full coverage of exam topics, real-world examples, and includes a CD with chapter review questions, two full-length practice exams, electronic flashcards, a glossary of key terms, and the entire book in a searchable pdf e-book. What's Inside: Covers ethics and legal issues, footprinting, scanning, enumeration, system hacking, trojans and backdoors, sniffers, denial of service, social engineering, session hijacking, hacking Web servers, Web application vulnerabilities, and more Walks you through exam topics and includes plenty of real-world scenarios to help reinforce concepts Includes a CD with an assessment test, review questions, practice exams, electronic flashcards, and the entire book in a searchable pdf

Proceedings of International Conference on Recent Trends in Computing - Rajendra Prasad Mahapatra 2022-01-16
This book is a collection of high-quality peer-reviewed research papers presented at International Conference on Recent Trends in Computing (ICRTC 2021) held at SRM Institute of Science and Technology, Ghaziabad, Delhi, India, during 4 – 5 June 2021. The book discusses a wide variety of industrial, engineering and scientific applications of the emerging techniques. The book presents original works from researchers from academic and industry in the field of networking, security, big data and the Internet of things.

Fundamentals of Financial Management, Concise Edition - Eugene F. Brigham 2014-01-01
Gain a focused understanding of today's corporate finance and financial management with the market-leading approach in Brigham/Houston's FUNDAMENTALS OF FINANCIAL MANAGEMENT, CONCISE EDITION, 8E. This book's unique balance of clear concepts, contemporary theory, and practical applications helps readers better understand the concepts and reasons behind corporate budgeting, financing, and working capital decision making. Numerous practical examples, proven end-of-chapter applications, and Integrated Cases demonstrate theory in action, while Excel Spreadsheet Models help readers master this software tool. It's a book designed to put each reader first in finance. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Harnessing Green IT - San Murugesan 2012-08-31
"Ultimately, this is a remarkable book, a practicaltestimonial, and a comprehensive bibliography rolled into one. Itis a single, bright sword cut across the various murky green ITtopics. And if my mistakes and lessons learned through the green ITjourney are any indication, this book will be used every day byfolks interested in greening IT." — Simon Y. Liu, Ph.D. & Ed.D.,Editor-in-Chief, IT Professional Magazine, IEEEComputer Society, Director, U.S. National AgriculturalLibrary This book presents a holistic perspective on Green IT bydiscussing its various facets and showing how to strategicallyembrace it Harnessing Green IT: Principles andPractices examines various ways of making computing andinformation systems greener – environmentally sustainable -,as well as several means of using Information Technology (IT) as atool and an

enabler to improve the environmental sustainability.The book focuses on both greening of IT and greening by IT –complimentary approaches to attaining environmental sustainability. In a single volume, it comprehensively covers severalkey aspects of Green IT - green technologies, design, standards,maturity models, strategies and adoption -, and presents a clearapproach to greening IT encompassing green use, green disposal,green design, and green manufacturing. It also illustrates how tostrategically apply green IT in practice in several areas. Key Features: Presents a comprehensive coverage of key topics of importanceand practical relevance - green technologies, design,standards, maturity models, strategies and adoption Highlights several useful approaches to embracing green IT inseveral areas Features chapters written by accomplished experts from industryand academia who have first-hand knowledge and expertise inspecific areas of green IT Presents a set of review and discussion questions for eachchapter that will help the readers to examine and explore the greenIT domain further Includes a companion website providing resources forfurther information and presentation slides This book will be an invaluable resource for IT Professionals,academics, students, researchers, project leaders/managers, ITbusiness executives, CIOs, CTOs and anyone interested in Green ITand harnessing it to enhance our environment.

Systematic Approach of Characterisation and Behaviour of Recycled Aggregate Concrete - M. Chakradhara Rao 2018-06-16
This book focuses on the utilisation of construction waste material as coarse aggregate in making concrete. It discusses in detail the behaviour of recycled aggregate under impact load along with other structural applications, and explains the various quality-improvement techniques for recycled aggregate and recycled aggregate concrete (RAC). The first chapter describes the importance of recycling construction and demolition waste and the status quo of global construction and demolition waste recycling. The second chapter examines the recycled aggregate production methodology. Subsequent chapters address the physical and mechanical characteristics and different research findings,

as well as the engineering properties of recycled aggregate concrete. Further, the interrelationships among the mechanical properties of recycled aggregate concrete are discussed. The book also explores long-term properties like shrinkage and creep, durability properties, and microstructural characterisation. It will serve as a valuable resource for researchers and professionals alike.

Automotive Mechatronics - Konrad Reif 2014-08-25
As the complexity of automotive vehicles increases this book presents operational and practical issues of automotive mechatronics. It is a comprehensive introduction to controlled automotive systems and provides detailed information of sensors for travel, angle, engine speed, vehicle speed, acceleration, pressure, temperature, flow, gas concentration etc. The measurement principles of the different sensor groups are explained and examples to show the measurement principles applied in different types.

Biorefineries: A Step Towards Renewable and Clean Energy - Pradeep Verma 2021-01-04
This book provides a comprehensive account of past, present and future of the biomass based biorefineries. It is an all-inclusive and insightful compilation of recent advancements in the technology and methods used for conversion of biomass to bioenergy and other useful biochemicals. The book also focuses on the limitations of existing technologies and provides the future prospects, as well as discusses socio-economic impact of biomass based biorefineries. This book assists researchers in the area of lignocellulosic biorefineries and can be used by the students, scientist and academician as an advanced reference textbook.

Expert Clouds and Applications - I. Jeena Jacob 2021-07-15
This book features original papers from International Conference on Expert Clouds and Applications (ICOECA 2021), organized by GITAM School of Technology, Bangalore, India during February 18–19, 2021. It covers new research insights on artificial intelligence, big data, cloud computing, sustainability, and knowledge-based expert systems. The book discusses innovative research from all aspects including theoretical, practical, and experimental domains that pertain to the expert systems,

sustainable clouds, and artificial intelligence technologies.

Edge Computing - K. Anitha Kumari 2021-11-22
This reference text presents the state-of-the-art in edge computing, its primitives, devices and simulators, applications, and healthcare-based case studies. The text provides integration of blockchain with edge computing systems and integration of edge with Internet of Things (IoT) and cloud computing. It will facilitate readers to setup edge-based environment and work with edge analytics. It covers important topics, including cluster computing, fog computing, networking architecture, edge computing simulators, edge analytics, privacy-preserving schemes, edge computing with blockchain, autonomous vehicles, and cross-domain authentication. Aimed at senior undergraduate, graduate students and professionals in the fields of electrical engineering, electronics engineering, computer science, and information technology, this text: Discusses edge data storage security with case studies and blockchain integration with the edge computing system Covers theoretical methods with the help of applications, use cases, case studies, and examples Provides healthcare real-time case studies elaborated by utilizing the virtues of homomorphic encryption Discusses real-time interfaces, devices, and simulators in detail

Ecology And Environment - P. D. Sharma 2012
1. Introduction 2. Climatic and Topographic Factors 3. Edaphic Factors (Soil Science)4. Biotic Factor 5. Ecological Adaptations 6. Autecology of Species 7. Population - Structure and Dynamics 8. Community-Structure and Classification 9. Community Dynamics (Ecological Succession)10. Ecosystem: Structure and Function 11. Habitat Ecology 12. Degradation of Natural Resources andthe Environmental Problems 13. Energy Crisis and Non-Conventional Sources 14. Biodiversity and Wildlife of India and its Conservation 15. Environment and Development-India's Viewpoint16. Global Warming and Climate Change 17.

Interview Questions and Answers - Richard McMunn 2013-05

Reading Hindi: Novice to Intermediate - Kusum Knapczyk 2020-01-30
Reading Hindi: Novice to Intermediate is an innovative collection of graded readings that are both accessible in language and engaging in content, specifically designed for adult learners of Hindi. Ideal for those just starting out in Hindi, the texts provide culturally rich content written in simple, level-appropriate language, with a range of activities to reinforce learning. The graded readings support the learner as they build their confidence with the language, gradually encountering a wider range of grammar constructions and vocabulary as the book progresses. Reading Hindi can be used alongside a main textbook and is ideal for both class-use and independent study.

Pro MEAN Stack Development - Elad Elrom 2016-12-01
Write free, open-source, cross-platform, dynamic JavaScript applications that can run anywhere using the MEAN stack - MongoDB, ExpressJS, AngularJS, and Node.js. With this book Mac developers will get the tools needed to set up, write code once, and be able to deploy code on any device. You will be able to cut development time by using one stack to serve all your development needs. Pro MEAN Stack Development enables you to quickly learn everything needed to work effectively with MEAN, from setting up your toolstack to rolling out your free servers, and deploying on any device. You will also learn to build scripts with Grunt and Gulp, Webpack, and Vagrant and how to deploy to the web and mobile using Phonegap. Harness JavaScript to create dynamic and easily-maintainable applications fast and 100% free. Master the MEAN stack with this book today. What You Will Learn Utilize JavaScript for the entire development cycle from front end to back end, database and deployment. Learn to write responsive code that can be deployed on any device. Become a well-rounded developer and be able to understand the entire development cycle. Learn to utilize free open source and cloud services to deploy production-grade code. Who This Book Is For Front or back end Mac developers familiar with JavaScript and interested in utilizing the MEAN stack to deploy successful apps on all devices.

Proceedings of the Second International Conference on Computer and Communication Technologies - Suresh Chandra Satapathy 2015-09-10
The book is about all aspects of computing, communication, general sciences and educational research covered at the Second International

Conference on Computer & Communication Technologies held during 24-26 July 2015 at Hyderabad. It hosted by CMR Technical Campus in association with Division – V (Education & Research) CSI, India. After a rigorous review only quality papers are selected and included in this book. The entire book is divided into three volumes. Three volumes cover a variety of topics which include medical imaging, networks, data mining, intelligent computing, software design, image processing, mobile computing, digital signals and speech processing, video surveillance and processing, web mining, wireless sensor networks, circuit analysis, fuzzy systems, antenna and communication systems, biomedical signal processing and applications, cloud computing, embedded systems applications and cyber security and digital forensic. The readers of these volumes will be highly benefited from the technical contents of the topics.