# Moratuwa University Free Aptitude Test Past Papers

"This book explores the concepts of car-free cities and city humanization as possible solutions to reduce the deteriorating effect on the environment and the community. The publication discusses the urban initiative to implement "pedestrianization and humanization of cities and public spaces to promote the concept of car-free living"--

Discover practical solutions for a wide range of real-world network programming tasks About This Book Solve real-world tasks in the area of network programming, system/networking administration, network monitoring, and more. Familiarize yourself with the fundamentals and functionalities of SDN Improve your skills to become the next-gen network engineer by learning the various facets of Python programming Who This Book Is For This book is for network engineers, system/network administrators, network programmers, and even web application developers who want to solve everyday network-related problems. If you are a novice, you will develop an understanding of the concepts as you progress with this book. What You Will Learn Develop TCP/IP networking client/server applications Administer local machines' IPv4/IPv6 network interfaces Write multi-purpose efficient web clients for HTTP and HTTPS protocols Perform remote system administration tasks over Telnet and SSH connections Interact with popular websites via web services such as XML-RPC, SOAP, and REST APIs Monitor and analyze major common network security vulnerabilities Develop Software-Defined Networks with Ryu, OpenDaylight, Floodlight, ONOS, and POX Controllers Emulate simple and complex networks with Mininet and its extensions for network and systems emulations Learn to configure and build network systems and Virtual Network Functions (VNF) in heterogeneous deployment environments Explore various Python modules to program the Internet In Detail Python Network Programming Cookbook - Second Edition highlights the major aspects of network programming in Python, starting from writing simple networking clients to developing and deploying complex Software-Defined Networking (SDN) and Network Functions Virtualization (NFV) systems. It creates the building blocks for many practical web and networking applications that rely on various networking protocols. It presents the power and beauty of Python to solve numerous real-world tasks in the area of network programming, network and system administration, network monitoring, and web-application development. In this edition, you will also be introduced to network modelling to build your own cloud network. You will learn about the concepts and fundamentals of SDN and then extend your network with Mininet. Next, you'll find recipes on Authentication, Authorization, and Accounting (AAA) and open and proprietary SDN approaches and frameworks. You will also learn to configure the Linux Foundation networking ecosystem and deploy and automate your networks with Python in the cloud and the Internet scale. By the end of this book, you will be able to analyze your network security vulnerabilities using advanced network packet capture and analysis techniques. Style and approach This book follows a practical approach and covers major aspects of network programming in Python. It provides hands-on recipes combined with short and concise explanations on code snippets. This book will serve as a supplementary material to develop hands-on skills in any academic course on network programming. This book further elaborates network softwarization, including Software-Defined Networking (SDN), Network Functions Virtualization (NFV), and orchestration. We learn to configure and deploy enterprise network platforms, develop applications on top of them with Python.

Strong science, technology, and innovation links between universities and industry are of critical importance to Sri Lanka as it strives to become an upper-middle-income country. This report presents an overview of current U-I collaboration in Sri Lanka by analyzing responses to a survey of companies and university departments in 2015. Data from the 2015 survey are compared with data from a similar survey in 2007 to identify trends over time. The study examines current policies to promote U-I collaboration in Sri Lanka, highlights some good practices in other countries, and suggests possible ways that Sri Lanka may be able to strengthen U-I collaboration. The report is intended primarily for policy makers in the fields of higher education, research, and innovation, as well as for researchers in companies, universities, and research institutes who are already collaborating in public-private partnerships or are planning to do so. The responses show that the majority of existing links between Sri Lankan universities and companies are short-term, informal interactions with low direct transfer of knowledge and innovation. However, the survey findings also show a growing emphasis on deeper and more demanding types of collaboration, such as joint Research and Development activities, prototype testing, and spin-offs, even though these remain relatively uncommon. Key recommendations to strengthen U-I collaboration are: • As part of the national Science, Technology, and Innovation Policy 2016†"2020, develop and implement a national plan to upgrade the country's research infrastructure, in line with national research and innovation priorities. • Strengthen Research and Development funding schemes for joint projects between universities/research institutes and companies, based on national and international experiences. • Define and implement clear intellectual property rights rules for publicly funded research to encourage the use of research results and ensure effective and timely legal protection of intellectual property. • Establish open innovation spaces and business incubators at universities and make available seed money for faculty and students to develop start-ups. • Strengthen the U-I interaction cells at universities with professional expertise in technology transfer and business model development. • Establish opportunities for master's and PhD students to pursue targeted research projects in companies as part of their study.

Despite armed internal conflict and the global financial crisis, Sri Lanka has made remarkable progress in recent years, enjoying healthy economic growth and substantially reducing poverty. Moreover, Sri Lankans are the best-educated people in South Asia, with widespread access and high completion rates in primary and secondary education. Economic growth and structural changes in the economy, however, make skills development imperative as Sri Lanka implements its plan – the Mahinda Chintana (MC) – to become a regional hub in strategic economic areas. Yet skills shortages and mismatches are widespread, and firms with undereducated employees and a shortage of skilled labour are less productive. An effective skills development system will help diversify the economy; improve labour productivity and competitiveness; give the country the flexibility it needs to compete effectively in the global economy; and further reduce poverty. As Sri Lanka moves from a factor-driven to an efficiency-driven economy, its workforce is shrinking even as demand for skills – especially sophisticated skills – is rising. Unfortunately, Sri Lanka has been slow to expand technical and vocational education and training (TVET) and tertiary education. Responsibility for TVET is fragmented; the system is supply-driven; there is a shortage of reliable information on labour market skills demand and supply; employers are sidelined; and the resources invested are not linked to performance. The MC recognises the severity of the skills constraint and highlights the importance of investing in workforce skills to raise both productivity and competitiveness. This report analyses skills demand and supply in Sri Lanka and scrutinises how skills are formed, the factors shaping skills demand, and the responsiveness of the system. Finally, it offers suggestions for how skills development can be improved so that Sri Lanka can meet its economic growth and poverty reduction goals.

Current Status in their Adoption

Contesting Neoliberalism

LSM.

Environmental Sustainability in Building Design and Construction

How to Accelerate Your Internet

Anagarika Dharmapala and the Making of Modern Buddhism

Great Men and Women of Asia

Commonwealth Universities YearbookEnergy Storage Devices for Renewable Energy-Based SystemsRechargeable Batteries and SupercapacitorsAcademic Press

Anagarika Dharmapala (1864–1933) was a leading Sinhalese Buddhist reformer and national activist who ranks high among the makers of modern Buddhism. The Lion's Roar is one of the first detailed accounts of Anagarika Dharmapala's life and the pioneering role he played in the Sinhalese Buddhist nationalism at a time when resistance to colonial rule was mainly confined to the elite. The book explores his lifelong struggle for re-establishing Buddhist management of their own sacred places under Hindu control, particularly the Mahabodhi site in Bihar, India. Dharmapala's association with the Bengali intelligensia, the 'bhadralok', and close interactions with Gandhi and Nehru in India, where hē spent a greater part of his life, form an interesting part of the narration. Using a rich variety of primary sources, most importantly, Dharmapala's diaries, the book situates his life within the socio-political and cultural ethos of Ceylon (Sri Lanka) and chronicles the zealous efforts of a Buddhist crusader and monk who wished to reform the religion in his native land and propagate it in the Western world.

This substantially revised second edition takes into account the provisions of the revised Indian Code of practice for Plain and Reinforced Concrete IS 456 : 2000. It also provides additional data on detailing of steel to make the book more useful to practicing engineers. The chapter on Limit State of Durability for Environment has been completely revised and the new provisions of the code such as those for design for shear in reinforced concrete, rules for shearing main steel in slabs, lateral steel in columns, and stirrups in beams have been explained in detail in the new edition. This comprehensive and systematically organized book is intended for undergraduate students of Civil Engineering, covering the first course on Reinforced Concrete Design and as a reference for the practicing engineers. Besides covering IS 456 : 2000, the book also deals with the British and US Codes. Advanced topics of IS 456 : 2000 have been discussed in the companion volume Advanced Reinforced Concrete Design (also published by Prentice-Hall of India). The two books together cover all the topics in IS 456 : 2000 and many other topics which are so important in modern methods of design of reinforced concrete.

Energy Storage Devices for Renewable Energy-Based Systems: Rechargeable Batteries and Supercapacitors, Second Edition is a fully revised edition of this comprehensive overview of the concepts, principles and practical knowledge on energy storage devices. This book provides the opportunity to expand your knowledge of innovative supercapacitor applications, comparing them to other commonly used energy storage devices. With new application case studies and definitions, it will strengthen your understanding of energy storage from a practical, applications-based point-of-view, without requiring detailed examination of underlying electrochemical equations. Exploring new working principles of rechargeable battery and capacitors this reference illustrates various design approaches and real time applications of ESDs. Electronic engineering experts and system designers will find this book useful to deepen their understanding on the application of electronic storage devices, circuit topologies, and industrial device data sheets to develop new applications. The book is also intended to be used as a textbook for masters and doctoral students who want to enhance their knowledge and understanding the concepts of renewable energy sources and state-of-the-art ESDs. Provides explanations of the latest energy storage devices in a practical applications-based context Includes examples of circuit designs that optimize the use of supercapacitors Covers unique compare and contrast application examination, highlighting the unique benefits

Network-on-Chip Security and Privacy

Anthropometry, Apparel Sizing and Design

Promoting University-Industry Collaboration in Sri Lanka

Young Socialist

Ace the IELTS

World Cricketers

*This monograph offers analyses of construction activities using various key concepts and assessments of sustainable development, and provides students and researchers with methodologies and design aspects for the sustainable development of the built environment. Additionally, the book demonstrates various national and international policies for assisting architects, engineers and policy makers in understanding the relevant decision-making approaches to sustainable development in construction. The book begins by reviewing the background of sustainability and sustainable development. The focus then turns to the effects of climate change on the built environment, including impacts of energy and carbon emissions, as well as constraints on water and waste management. The remaining chapters discuss the necessary approaches to achieve sustainable waste management, energy efficient building design, and resilience and adaptation in the built environment In eight chapters, the book encourages readers to think independently, logically and objectively about the complex issues presented by the applications of sustainable development in construction, including resource efficiency, environmental impacts, human health, building economics and social development.*

*A country's education system plays a pivotal role in promoting economic growth and shared prosperity. Sri Lanka has enjoyed high school-attainment and enrollment rates for several decades. However, it still faces major challenges in the education sector, and these challenges undermine the country's inclusivegrowth goal and its ambition to become a competitive upper-middle-income country. The authors of Sri Lanka Education Sector Assessment: Achievements, Challenges, and Policy Options offer a thorough review of Sri Lanka's education sector—from early childhood education through higher education. With this book, they attempt to answer three questions: • How is Sri Lanka's education system performing, especially with respect to participation rates, learning outcomes, and labor market outcomes? • How can the country address the challenges at each stage of the education process, taking into account both country and international experience and also best practices? • Which policy actions should Sri Lanka make a priority for the short and medium term? The authors identify the most critical constraints on performance and present strategic priorities and policy options to address them. To attain inclusive growth and become globally competitive, Sri Lanka needs to embark on integrated reforms across all levels of education. These reforms must address both short-term skill shortages and long-term productivity. As Sri Lanka moves up the development ladder, the priorities of primary, secondary, and postsecondary education must be aligned to meet the increasingly complex education and skill requirements.*

*Octavia E. Butler's bestselling literary science-fiction masterpiece, Kindred, now in graphic novel format. More than 35 years after its release, Kindred continues to draw in new readers with its deep exploration of the violence and loss of humanity caused by slavery in the United States, and its complex and lasting impact on the present day. Adapted by celebrated academics and comics artists Damian Duffy and John Jennings, this graphic novel powerfully renders Butler's mysterious and moving story, which spans racial and gender divides in the antebellum South through the 20th century. Butler's most celebrated, critically acclaimed work tells the story of Dana, a young black woman who is suddenly and inexplicably transported from her home in 1970s California to the pre–Civil War South. As she time-travels between worlds, one in which she is a free woman and one where she is part of her own complicated familial history on a southern plantation, she becomes frighteningly entangled in the lives of Rufus, a conflicted white slaveholder and one of Dana's own ancestors, and the many people who are enslaved by him. Held up as an essential work in feminist, science-fiction, and fantasy genres, and a cornerstone of the Afrofuturism movement, there are over 500,000 copies of Kindred in print. The intersectionality of race, history, and the treatment of women addressed within the original work remain critical topics in contemporary dialogue, both in the classroom and in the public sphere. Frightening, compelling, and richly imagined, Kindred offers an unflinching look at our complicated social history, transformed by the graphic novel format into a visually stunning work of art for a new generation of readers.*

*Annotation The book presents state-of-the-art knowledge about decision-making support systems (DMSS). Its main goals are to provide a compendium of quality chapters on decision-making support systems that help diffuse scarce knowledge about effective methods and strategies for successfully designing, developing, implementing, and evaluating decision-making support systems, and to create an awareness among readers about the relevance of decision-making support systems in the current complex and dynamic management environment.*

*Renewable Energy and the Environment*

*Anti-personnel Landmine Detection for Humanitarian Demining*

*IoT Security*

*Building the Skills for Economic Growth and Competitiveness in Sri Lanka*

*The Current Situation and Future Direction for Japanese Research and Development*

*A Biographical Dictionary*

*A Practical Guide to Bandwidth Management and Optimisation Using Open Source Software*

**If you are a developer who wants to learn how to develop and deploy applications from the Salesforce.com platform, then this book is for you. No prior knowledge of Salesforce is necessary.**

**This book describes a wide variety of System-on-Chip (SoC) security threats and vulnerabilities, as well as their sources, in each stage of a design life cycle. The authors discuss a wide variety of state-of-the-art security verification and validation approaches such as formal methods and side-channel analysis, as well as simulation-based security and trust validation approaches. This book provides a comprehensive reference for system on chip designers and verification and validation engineers interested in verifying security and trust of heterogeneous SoCs.**

**7 -- Transmission Techniques 271**7.1 Introduction 271; 7.2 Transmission Line Behavior 271; 7.3 Decibel Measurements 273; 7.4 Basic TDM Techniques and Digital Transmission Systems 274; 7.5 Plesiochronous Higher-Order Digital Multiplexing or PDH 279; 7.6 Synchronous Higher-Order Digital Multiplexing 281; 7.7 Optical Networks 287; 7.8 The Future 290; 8 -- Telecommunication Systems Testing 293; 8.1 Introduction 293; 8.2 Measurement Areas 293; 8.3 Measurement of Power Levels in Telecommunications Circuits 294; 8.4 High-Frequency Power Measurements 296.

**This book presents selected papers presented during the International Symposium on Earthen Structures held in IISc Bangalore. The papers in this volume cover the theme of earthen structures, with technical content on materials and methods, structural design and seismic performance, durability, seismic response,**

**climatic response, hygrothermal performance and durability, design and codes, architecture, heritage and conservation, and technology dissemination. This book will be of use to professionals, academics, and students in architecture and engineering.**
**Status, Case Studies, and Policy Options**
**Design of Transient Protection Systems**
**Ramon Magsaysay Awardees from South Asia, 1958-1988**
**Career Guidance for Social Justice**
**The Lion's Roar**
**Kindred: A Graphic Novel Adaptation**
**A Chronicle of Mutiny and Freedom on the Wild Coast**

An up-to-date guide to an overview of authentication in the Internet of Things (IoT) The Internet of things (IoT) is the network of the countless physical devices that have the possibility to connect and exchange data. Among the various security requirements, authentication to the IoT is the first step to prevent the impact of attackers. IoT Security offers an important guide into the development of the many authentication mechanisms that provide IoT authentication at various levels such as user level, device level and network level. The book covers a wide range of topics including an overview of IoT and addresses in detail the security challenges at every layer by considering both the technologies and the architecture used. The authors—noted experts on the topic—provide solutions for remediation of compromised security, as well as methods for risk mitigation, and offer suggestions for prevention and improvement. In addition, IoT Security offers a variety of illustrative use cases. This important book: Offers an authoritative reference designed for use by all IoT stakeholders Includes information for securing devices at the user, device, and network levels Contains a classification of existing vulnerabilities Written by an international group of experts on the topic Provides a guide to the most current information available on IoT security Written for network operators, cloud operators, IoT device manufacturers, IoT device users, wireless users, IoT standardization organizations, and security solution developers, IoT Security is an essential guide that contains information on security features, including underlying networks, architectures, and security requirements.

Understand the key challenges and solutions around building microservices in the enterprise application environment. This book provides a comprehensive understanding of microservices architectural principles and how to use microservices in real-world scenarios. Architectural challenges using microservices with service integration and API management are presented and you learn how to eliminate the use of centralized integration products such as the enterprise service bus (ESB) through the use of composite/integration microservices. Concepts in the book are supported with use cases, and emphasis is put on the reality that most of you are implementing in a 'brownfield' environment in which you must implement microservices alongside legacy applications with minimal disruption to your business. Microservices for the Enterprise covers state-of-the-art techniques around microservices messaging, service development and description, service discovery, governance, and data management technologies and guides you through the microservices design process. Also included is the importance of organizing services as core versus atomic, composite versus integration, and API versus edge, and how such organization helps to eliminate the use of a central ESB and expose services through an API gateway. What You'll LearnDesign and develop microservices architectures with confidence Put into practice the most modern techniques around messaging technologies Apply the Service Mesh pattern to overcome inter-service communication challenges Apply battle-tested microservices security patterns to address real-world scenarios Handle API management, decentralized data management, and observability Who This Book Is For Developers and DevOps engineers responsible for implementing applications around a microservices architecture, and architects and analysts who are designing such systems

Winner of the Cundill History Prize Winner of the Frederick Douglass Book Prize Named One of the Best Books of the Year by NPR A breathtakingly original work of history that uncovers a massive enslaved persons' revolt that almost changed the face of the Americas Named one of the best books of the year by NPR, Blood on the River also won two of the highest honors for works of history, capturing both the Frederick Douglass Prize and the Cundill History Prize in 2021. A book with profound relevance for our own time, Blood on the River "fundamentally alters what we know about revolutionary change" according to Cundill Prize juror and NYU history professor Jennifer Morgan. Nearly two hundred sixty years ago, on Sunday, February 27, 1763, thousands of slaves in the Dutch colony of Berbice—in present-day Guyana—launched a rebellion that came amazingly close to succeeding. Blood on the River is the explosive story of this little-known revolution, one that almost changed the face of the Americas. Michael Ignatieff, chair of the Cundill Prize jury, declared that Blood on the River "tells a story so dramatic, so compelling that no reader will be able to put the book down." Drawing on nine hundred interrogation transcripts collected by the Dutch when the rebellion collapsed, and which were subsequently buried in Dutch archives, historian Marjoleine Kars has constructed what Pulitzer Prize–winning historian Eric Foner calls "a gripping narrative that brings to life a forgotten world."

This book discusses a number of important topical technical and non-technical issues related to the global energy, environment and socio-economic developments for professionals and students directly and indirectly involved in the relevant fields. It shows how renewable energy offers solutions to mitigate energy demand and helps achieve a clean environment, and also addresses the lack of a clear vision in the development of technology and a policy to reach the mandatory global renewable energy targets to reduce greenhouse gas emissions and stimulate socio-economic development. The book is structured in such a way that it provides a consistent compilation of fundamental theories, a compendium of current research and development activities as well as new directions to overcome critical limitations: future technologies for power grids and their control, stability and reliability are also presented.

Python Network Programming Cookbook
Four Countries Four Faces
Promoting a Second-Tier Protection Regime for Innovation of Small and Medium-Sized Enterprises in South Asia
Beyond LTE Network Architecture
The Architect
2019 Moratuwa Engineering Research Conference (MERCon)
Earthen Dwellings and Structures

Der Begriff des Gebrauchsmusters ist in Sri Lanka und in anderen Teilen Südasiens eine noch weitgehend unerforschte Option, um einen Anreiz für Innovationen von KMU zu schaffen. Der Autor untersucht, ob diese Länder von einer Second-Tier-Patent (STP) Regelung, die auf die spezifischen Merkmale der Innovationslandschaft des Landes zugeschnitten ist, profitieren könnten.
This excellent self-study book for intense General IELTS preparation in a few weeks is designed to help students achieve their best personal score. All the tips, techniques, strategies and advice are focused on maximizing students' score by increasing their task-solving speed and efficiency, and preventing typical mistakes. 'Ace the IELTS' is loved by teachers as well as students.
This book provides comprehensive coverage of Network-on-Chip (NoC) security vulnerabilities and state-of-the-art countermeasures, with contributions from System-on-Chip (SoC) designers, academic researchers and hardware security experts. Readers will gain a clear understanding of the existing security solutions for on-chip communication architectures and how they can be utilized effectively to design secure and trustworthy systems.
Anthropometry, Apparel Sizing and Design, Second Edition, reviews techniques in anthropometry, sizing system developments, and their applications to clothing design. The book addresses the need for the improved characterization of population size, weights and the shapes of consumers. This new edition presents the very latest advances, and is expanded to include in-depth coverage of sizing and fit for specific groups and applications. Sections cover the development of sizing systems, classification and body types, the use of anthropometric data, body measurement devices and techniques, including 3D scanners for the full body and for particular body parts, 4D scanning technology and motion analysis. Additional sections cover testing and the evaluation of fit and anthropometric sizing systems for particular functions, thus reflecting the increasing need for apparel to meet specific needs, such as in swimwear, protective clothing, mobility, intimate apparel, footwear and compression garments. This book will be an essential reference source for apparel designers, manufacturers, retailers and merchandisers. Its detailed information and data will also be of great interest to researchers and postgraduate students across clothing technology, product design, fashion and textiles. Reviews methods and techniques in anthropometry, sizing system development, and applications in clothing design Enables users to understand and utilize detailed anthropometric data Covers sizing and fit for particular uses, including protective clothing, compression garments, intimate apparel and footwear
Essentials of Modern Telecommunications Systems
Decision-Making Support Systems: Achievements and Challenges for the New Decade
Second International Conference, SLAAI-ICAI 2018, Moratuwa, Sri Lanka, December 20, 2018, Revised Selected Papers
Artificial Intelligence
Handbook on Peace Education
Achievements and Challenges for the New Decade
Sri Lanka Education Sector Assessment

This handbook encompasses a range of disciplines that underlie the field of peace education and provides the rationales for the ways it is actually carried out . The discipline is a composite of contributions from a variety of disciplines ranging from social psychology to philosophy and from communication to political science. That is, peace education is an applied subject which is practiced in diffe... based on a range of established empirical disciplines. The volume is structured around contributions from expert scholars in various fields that underpin peace education, plus contributions from experts in applying peace education in a range of settings, all complemented by chapters which deal with issues related to research and evaluation of peace education.
This book constitutes the refereed proceedings of the Second International Conference, SLAAI-ICAI 2018, held in Moratuwa, Sri Lanka, in December 2018. The 32 revised full papers presented were carefully reviewed and selected from numerous submissions. The papers are organized in the following topical sections: ?intelligence systems; neural networks; game theory; ontology engineering; natu... based system; signal and image processing.
"This set of books represents a detailed compendium of authoritative, research-based entries that define the contemporary state of knowledge on technology"--Provided by publisher.
Anti-personnel Landmine Detection for Humanitarian Demining reports on state-of-the-art technologies developed during a Japanese National Research Project (2002–2007). The conventional method of landmine detection is using metal detectors to sense the metal in mines, but often other metal fragments in minefields camouflage landmines and hinder progress using this form of demining. The... systems that can discriminate between AP landmines and random metal fragments. The JST adopted research proposals and the results are reported here. This book concentrates on aspects of three approaches to AP mine detection: enhancing and confirming the results of metal-detection scans using GPR; using robot vehicles and manipulators to operate within minefields remotely; and method... mines. Results are presented in the fields of GPR, nuclear quadrupole resonance, neutron thermal analysis and biosensors. The integration of these methods for workable robot operation is demonstrated. The project was carried out in conjunction with mine action centers in Croatia, Cambodia and Afghanistan. Evaluation data from field trials are also given.
Who's who in the world. 1.1971/72(1970)
Including Supercapacitor Based Design Approaches for Surge Protectors
Microservices for the Enterprise
Designing, Developing, and Deploying
Achievements, Challenges, and Policy Options
Encyclopedia of Information Science and Technology
Humanizing Cities Through Car-Free City Development and Transformation

Against a backdrop of international intrigue and intense spiritual warfare, architect Marga Jann takes us on a seat-gripping journey through a quartet of academic assignments -- with much more at stake than her professorial mission. Based at Cambridge, she unwittingly finds herself embroiled in a dangerous and diplomatically-sensitive ba... narrative she daringly recounts in this first part of a riveting trilogy. Most people are unaware of the interconnected real and spiritual wars around us and therefore lack the tools to attain true victory in seemingly random everyday battles. In this unusually constructed, engrossing semi-autobiographical novel, Jann highlights the power of ... sharing important contemporary socio-cultural and geopolitical insights not typically revealed in mainstream media.
This edited collection examines the intersections between career guidance, social justice and neo-liberalism. Contributors offer an original and global discussion of the role of career guidance in the struggle for social justice and evaluate the field from a diverse range of theoretical positions. Through a series of chapters that positions care... inform an emancipatory direction for the field, this book raises questions, offers resources and provides some glimpses of an alternative future for work. Drawing on education, sociology, and political science, this book addresses the theoretical basis of career guidance's involvement in social justice as well as the methodological consequen...
This book describes the concept of a Software Defined Mobile Network (SDMN), which will impact the network architecture of current LTE (3GPP) networks. SDN will also open up new opportunities for traffic, resource and mobility management, as well as impose new challenges on network security. Therefore, the book addresses the mai... management, virtualized traffics transportation, network management, network security and techno economic concepts. Moreover, a complete introduction to SDN and SDMN concepts. Furthermore, the reader will be introduced to cutting-edge knowledge in areas such as network virtualization, as well as SDN concepts relevant to next ge... will be familiar with the feasibility and opportunities of SDMN concepts, and will be able to evaluate the limits of performance and scalability of these new technologies while applying them to mobile broadb and networks.
MERCon 2019 aims to present the research and development in multidisciplinary engineering fields such as electrical and electronics engineering, computer engineering, material and chemical engineering, mechanical engineering, robotics, automation and control, textile and clothing engineering, civil and structural engineering, environmental... of technology
Software Defined Mobile Networks (SDMN)
Skills and the Future of Work
The Case of Sri Lanka
System-on-Chip Security
Lloyd's Ship Manager
Strategies for Inclusive Growth in Asia and the Pacific
Commonwealth Universities Yearbook
Design of Transient Protection Systems: Including Supercapacitor Based Design Approaches for Surge Protectors is the only reference to consider surge protection for end-user equipment. This book fills the gap between academia and industry, presenting new product development approaches, such as the supercapacitor assisted surge absorber (SCASA) technique. It discusses protecting gear for modern electronic systems and consumer electronics, while also addressing the chain of design, development, implementation, recent theory and practice of developing transient surge protection systems. In addition, it considers all relevant technical aspects of testing commercial surge protectors, advances in surge protection products, components, and the abilities of commercial supercapacitors. Provides unique, patented techniques for transient protectors based on supercapacitors Includes recent advances in surge protection Links scattered information from within academia and industry with new product development approaches on surge protection for end-user equipment
Energy Storage Devices for Renewable Energy-Based Systems
Blood on the River
Advances in Authentication
LIMIT STATE DESIGN OF REINFORCED CONCRETE
Learning Force.com Application Development
Rechargeable Batteries and Supercapacitors
Validation and Verification