

University Of Johannesburg Application Forms 2015 Intake

The fields of computer vision and image processing are constantly evolving as new research and applications in these areas emerge. Staying abreast of the most up-to-date developments in this field is necessary in order to promote further research and apply these developments in real-world settings. Computer Vision: Concepts, Methodologies, Tools, and Applications is an innovative reference source for the latest academic material on development of computers for gaining understanding about videos and digital images.

Highlighting a range of topics, such as computational models, machine learning, and image processing, this multi-volume book is ideally designed for academicians, technology professionals, students, and researchers interested in uncovering the latest innovations in the field.

Ongoing advancements in modern technology have led to significant developments in intelligent systems. With the numerous applications available, it becomes imperative to conduct research and make

further progress in this field. *Intelligent Systems: Concepts, Methodologies, Tools, and Applications* contains a compendium of the latest academic material on the latest breakthroughs and recent progress in intelligent systems. Including innovative studies on information retrieval, artificial intelligence, and software engineering, this multi-volume book is an ideal source for researchers, professionals, academics, upper-level students, and practitioners interested in emerging perspectives in the field of intelligent systems. "Doctoral education is of prime importance worldwide. In some countries, there is severe shortage of doctoral degree holders, while in others there is an oversupply in many fields. There is a global debate on the best ways of providing doctoral training. To illustrate global trends, the book analyses the current realities of doctoral education with the help of 15 case studies based on different countries and regions. It includes an overview of the state of the literature on doctoral education as well as an analysis of doctoral education from a historical perspective with a detailed comparative discussion. *Trends and Issues in Doctoral Education: A Global Perspective* also examines the challenges and ideas of current and

proposed reforms in doctoral education"--

Transcultural and Transdisciplinary Perspectives

Smart Computing Applications in Crowdfunding

Issues in Logic, Probability, Combinatorics, and Chaos Theory: 2013 Edition

Exploring Innovative and Successful Applications of Soft Computing

Additive Manufacturing Technologies From an Optimization

Perspective

Discusses the main issues, challenges, opportunities, and trends related to this explosive range of new developments and applications, in constant evolution, and impacting every organization and society as a whole. This two volume handbook supports post-graduate students, teachers, and researchers, as well as IT professionals and managers.

Issues in Logic, Probability, Combinatorics, and Chaos Theory: 2013 Edition is a ScholarlyEditions™ book that delivers timely, authoritative, and comprehensive information about Approximation Theory. The editors have built Issues in Logic, Probability, Combinatorics, and Chaos Theory: 2013 Edition on the vast

information databases of ScholarlyNews.™ You can expect the information about Approximation Theory in this book to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Issues in Logic, Probability, Combinatorics, and Chaos Theory: 2013 Edition has been produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at <http://www.ScholarlyEditions.com/>.

New Scientist magazine was launched in 1956 "for all those men and women who are interested in scientific discovery, and in its industrial, commercial and social consequences". The brand's mission is no different today - for its consumers, New Scientist reports, explores and interprets the results of human endeavour set in the context of society and culture.

Technology Adoption and Social Issues: Concepts, Methodologies,

Tools, and Applications

Concepts, Methodologies, Tools, and Applications

Organizational Applications

The National Agricultural Directory 2011

Spiritual Influences in Societal Progress

A spoiled and self-absorbed Mamokgethi Pule's life is brought to an abrupt halt by an unplanned pregnancy. As her daughter Thato grows, she begins to develop otherworldly powers ranging from visions, to seeing the dead, to healing by touch. A young pastor, Solomon Khumalo, is desperate to prove himself by preaching the word of God to a large and loyal congregation. When he discovers Thato's powers, he makes Mamokgethi a tempting offer: in exchange for money, he would pass off Thato's healing powers as his own. As the pastor's popularity and thirst for power grows, Thato finds herself increasingly haunted by the past. The ripples of a family tragedy that happened in the family 30 years ago, creates a burden on her young shoulders as she tries to solve it. *The Invisible Strings* is a story about the past bleeding into the present, the living and the dead, and the scourge of charismatic pastors.

As society continues to experience increases in technological innovations, various industries must rapidly adapt and learn to incorporate these advances. While there are benefits to implementing these technologies, the sociological aspects still need to be considered. *Technology Adoption and Social Issues: Concepts, Methodologies, Tools, and Applications* is an innovative reference source for the latest academic material on the various effects of technology adoption, implementation, and acceptance. Highlighting a range of topics, such as educational technology, globalization, and social structure, this multi-volume book is ideally designed for academicians, professionals, and researchers who are interested in the latest insights into technology adoption.

This handbook includes state-of-the-art research on love in classical, modern and postmodern perspectives. It expands on previous literature and explores topics around love from new cultural, intercultural and transcultural approaches and across disciplines. It provides insights into various love concepts, like romantic love, agape, and eros in their cultural embeddedness, and their changes and developments in specific

cultural contexts. It also includes discussions on postmodern aspects with regard to love and love relationships, such as digitalisation, globalisation and the fourth industrial revolution. The handbook covers a vast range of topics in relation to love: aging, health, special needs, sexual preferences, spiritual practice, subcultures, family and other relationships, and so on. The chapters look at love not only in terms of the universal concept and in private, intimate relationships, but apply a broad concept of love which can also, for example, be referred to in postmodern workplaces. This volume is of interest to a wide readership, including researchers, practitioners and students of the social sciences, humanities and behavioural sciences. In the 1970s through the 90s, I was told that globalization was homogenizing cultures into a worldwide monoculture. This volume, as risky and profound as the many adventures of love across our multiplying cultures are, proves otherwise. The authors revolutionary and courageous work will challenge our sensibilities and expand the boundaries of what we understand what love is. But that's what love does: It communicates what is; offers what can be; and

pleads for what must be. I know you'll enjoy this wonderful book as much as I do! Jeffrey Ady, Associate Professor (retired), Public Administration Program, University of Hawaii at Manoa, Founding Fellow, International Academy for Intercultural Research The International Handbook of Love is far more than a traditional compendium. It is a breath-taking attempt to synthesize our anthropological and sociological knowledge on love. It illuminates topics as diverse as Chinese love, one-night stands, teen romance or love of leaders and many more. This is a definitive reference in the field of love studies. Eva Illouz, author of *The End of Love: A sociology of Negative relationships*. Oxford University Press.

Geographic Information Systems: Concepts, Methodologies, Tools, and Applications

ECKM 2019 20th European Conference on Knowledge Management 2 VOLS

Issues in Political Systems Research: 2013 Edition

Computer Vision: Concepts, Methodologies, Tools, and Applications

Modified Nanomaterials for Environmental Applications

"This book is a detailed resource on knowledge management and innovations that has been written and edited to provide flexibility and in-depth knowledge management innovations, strategies, and practices"--Provided by publisher.

Surface engineering includes many facets of materials science that help regulate the function, quality, and safety of products such as automotive, textile, and electronic materials. New technologies are developing to help enhance the surface performance. Surface Engineering Techniques and Applications: Research Advancements provides recent developments in surface engineering techniques and applications. It details scientific and technological results while also giving insight to current research, economic impact, and environmental concerns so that academics, practitioners, and professionals in the field, as well as students studying these areas, can deepen their understanding of new surface processes.

In a globalized society, individuals in business, government, and a variety of other fields must frequently communicate and work with individuals of different cultures and backgrounds. Effectively bridging the culture gap is critical to success in such scenarios. Cross-Cultural Interaction: Concepts, Methodologies, Tools, and Applications explores contemporary research and historical perspectives on intercultural competencies and transnational organizations. This three-volume compilation will present a compendium of knowledge on cultural diversity and the

impact this has on modern interpersonal interactions. Within these pages, a variety of researchers, scholars, professionals, and leaders who interact regularly with the global society will find useful insight and fresh perspectives on the field of cross-cultural interaction.

Additive Manufacturing Applications for Metals and Composites

Neural Computing for Advanced Applications

Intelligent Systems: Concepts, Methodologies, Tools, and Applications

The Application of Reduced-form Models for Managing Consumer Credit Risk

Coaching Psychology: Meta-theoretical perspectives and applications in multicultural contexts

This book focuses on the electrochemical and nanostructural properties of new photoanode/electrolyte combinations used in the development of novel surface-modified nanomaterials for environmental applications. As water treatment is rapidly becoming a global challenge due to the increasing complexity and number of the various pollutants present, the book explores fundamental issues relating to environmental applications of nanomaterials. It addresses relevant topics ranging from electrochemical synthesis and characterization, to applications of photoanodes in corrosion prevention and biosensors for wastewater treatment. Featuring up-to-date experimental results on nanomaterials for detection of pharmaceuticals and heavy metals in wastewater, this contributed volume is useful to electrochemical researchers,

materials scientists, and chemical and civil engineers interested in advanced photoelectrochemical research for environmental applications.

The evolution of soft computing applications have offered a multitude of methodologies and techniques that are useful in facilitating new ways to address practical and real scenarios in a variety of fields. Exploring Innovative and Successful Applications of Soft Computing highlights the applications and conclusions associated with soft computing in different technological environments. Providing potential results based on new trends in the development of these services, this book aims to be a reference source for researchers, practitioners, and students interested in the most successful soft computing methods applied to recent problems.

This book presents refereed proceedings of the First International Conference on Neural Computing for Advanced Applications, NCAA 2020, held in July, 2020. Due to the COVID-19 pandemic the conference was held online. The 36 full papers and 7 short papers were thoroughly reviewed and selected from a total of 113 qualified submissions. The papers present recent research on such topics as neural network theory, and cognitive sciences, machine learning, data mining, data security & privacy protection, and data-driven applications, computational intelligence, nature-inspired optimizers, and their engineering applications, cloud/edge/fog computing, the Internet of Things/Vehicles (IoT/IoV), and their system optimization, control systems, network synchronization, system integration, and industrial artificial intelligence, fuzzy logic, neuro-fuzzy systems, decision making, and their applications in management sciences, computer vision, image processing, and their industrial applications, and natural

language processing, machine translation, knowledge graphs, and their applications.

Trends and Issues in Doctoral Education

Selected articles from ICMMPPE 2019

Problems and Solutions in Differential Geometry, Lie Series, Differential Forms, Relativity and Applications

Volume 2--Processing and Applications

Advances in Manufacturing Technology XXXII

The urgent need to keep pace with the accelerating globalization of manufacturing in the 21st century has produced rapid advancements in technology, research and innovation. This book presents the proceedings of the 16th International Conference on Manufacturing Research incorporating the 33rd National Conference on Manufacturing Research (ICMR 2018), held in Skövde, Sweden, in September 2018. The aim of the conference is to create a friendly and inclusive environment, bringing together researchers, academics and industrialists with practical and theoretical knowledge to share and discuss emerging trends and new challenges. The book is divided into 12 parts, covering areas such as the manufacturing process; robots; product design and development; smart manufacturing; and lean, among others. Covering both cutting-edge research and recent industrial applications, the book will appeal to all those with an interest in recent advances in manufacturing technology.

'The Hidden Form of Capital' presents evidence from several parts of the changing world about how the realm of the spirit affects the economy. The idea that societies have economic cultures as well as aesthetic, literary, and artistic cultures is well-embedded in a number of major studies attempting to identify the origins of national wealth and progress. This book provides an original contribution to the debate, by discussing the relationship between religion and the economy not via further theoretical speculation, but through the presentation of analytical evidence from real-life case studies in Europe, Asia, Africa, Russia, and the United States. There is currently a major re-assessment of assumptions about the foundations of societal progress, as the market rationality model is exposed for its moral weaknesses. The emergence of socio-economics as a scholarly field, as well as the embracing of complexity theory and the societal effect in economic analysis, brings the question of cultural effects to the forefront. This collection of studies offers more practical and tangible evidence, especially unique and useful for its comparative aspect. The book skilfully combines this comparative and descriptive character with an accessible writing style intended for a wide audience.

This volume presents a collection of problems and solutions in differential geometry with applications. Both introductory and advanced topics are

introduced in an easy-to-digest manner, with the materials of the volume being self-contained. In particular, curves, surfaces, Riemannian and pseudo-Riemannian manifolds, Hodge duality operator, vector fields and Lie series, differential forms, matrix-valued differential forms, Maurer–Cartan form, and the Lie derivative are covered. Readers will find useful applications to special and general relativity, Yang–Mills theory, hydrodynamics and field theory. Besides the solved problems, each chapter contains stimulating supplementary problems and software implementations are also included. The volume will not only benefit students in mathematics, applied mathematics and theoretical physics, but also researchers in the field of differential geometry. Request Inspection Copy

Understanding Hidden Forms of Intellectual Participation

Issues in Ethics Research and Application: 2011 Edition

Surface Engineering Techniques and Applications: Research Advancements

Proceedings of the 16th International Conference on Manufacturing Research, incorporating the 33rd National Conference on Manufacturing Research, September 11 – 13, 2018, University of Skövde, Sweden

Research Advancements

This book introduces various applications of liquid crystalline polymers as the

emerging new class of high performance novel materials. The authors detail the advantageous properties of these LCs including optical anisotropic, transparency and easy control over structure. This interdisciplinary work includes valuable input from international projects with special focus on the use of liquid crystalline polymers and/or nanocomposites.

This book presents selected papers from the 5th International Conference on Mechanical, Manufacturing and Plant Engineering (ICMMPE 2019), held in Kuala Lumpur, Malaysia. It highlights the latest advances in the area, brings together researchers and professionals in the field and provides a valuable platform for exchanging ideas and fostering collaboration. Joining technologies could be change to manufacturing technologies. Addressing real-world problems concerning joining technologies that are at the heart of various manufacturing sectors, the respective papers present the outcomes of the latest experimental and numerical work on problems in soldering, arc welding and solid-state joining technologies. technologies.

The delivery of quality education to students relies heavily on the actions of an institution's administrative staff. Effective leadership strategies allow for the

continued progress of modern educational initiatives. *Educational Leadership and Administration: Concepts, Methodologies, Tools, and Applications* provides comprehensive research perspectives on the multi-faceted issues of leadership and administration considerations within the education sector. Emphasizing theoretical frameworks, emerging strategic initiatives, and future outlooks, this publication is an ideal reference source for educators, professionals, school administrators, researchers, and practitioners in the field of education.

Finweek

The Hidden Form of Capital

Advances in Manufacturing Engineering

Handbook of Research on the Impact of Deep Learning and IoT on Multi-Industry Applications

Educational Leadership and Administration: Concepts, Methodologies, Tools, and Applications

Additive manufacturing (AM) of metals and composites using laser energy, direct energy deposition, electron beam methods, and wire arc melting have recently gained importance due to their advantages in fabricating the complex structure. Today, it has become possible to reliably manufacture dense parts with certain AM processes for many materials, including steels, aluminum and titanium alloys,

superalloys, metal-based composites, and ceramic matrix composites. In the near future, the AM material variety will most likely grow further, with high-performance materials such as intermetallic compounds and high entropy alloys already under investigation. Additive Manufacturing Applications for Metals and Composites is a pivotal reference source that provides vital research on advancing methods and technological developments within additive manufacturing practices. Special attention is paid to the material design of additive manufacturing of parts, the choice of feedstock materials, the metallurgical behavior and synthesis principle during the manufacturing process, and the resulted microstructures and properties, as well as the relationship between these factors. While highlighting topics such as numerical modeling, intermetallic compounds, and statistical techniques, this publication is ideally designed for students, engineers, researchers, manufacturers, technologists, academicians, practitioners, scholars, and educators.

Issues in Political Systems Research / 2013 Edition is a ScholarlyEditions™ book that delivers timely, authoritative, and comprehensive information about Nations and Nationalism. The editors have built Issues in Political Systems Research: 2013 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Nations and Nationalism in this book to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Issues in Political Systems Research: 2013 Edition has been produced by the world's leading scientists, engineers, analysts, research

institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at <http://www.ScholarlyEditions.com/>.

The book focuses on smart computing for crowdfunding usage, looking at the crowdfunding landscape, e.g., reward-, donation-, equity-, P2P-based and the crowdfunding ecosystem, e.g., regulator, asker, backer, investor, and operator. The increased complexity of fund raising scenario, driven by the broad economic environment as well as the need for using alternative funding sources, has sparked research in smart computing techniques. Covering a wide range of detailed topics, the authors of this book offer an outstanding overview of the current state of the art; providing deep insights into smart computing methods, tools, and their applications in crowdfunding; exploring the importance of smart analysis, prediction, and decision-making within the fintech industry. This book is intended to be an authoritative and valuable resource for professional practitioners and researchers alike, as well as finance engineering, and computer science students who are interested in crowdfunding and other emerging fintech topics.

Handbook of Research on Mobility and Computing: Evolving Technologies and Ubiquitous Impacts

Evolving Technologies and Ubiquitous Impacts

Electrochemical Synthesis, Characterization, and Properties

Invisible Strings

First International Conference, NCAA 2020, Shenzhen, China, July 3-5, 2020, Proceedings

This book offers detailed strategies, methodologies, approaches, practice guidelines, and policy implications effective for professional coaching on the individual, group and organizational level. It details empirical research-based and theoretical perspectives on coaching psychology as well as elaborates upon the fundamentals within multi-cultural contexts. First delivering a general introduction to coaching psychology before going on to examine specific psychological approaches towards coaching. The book also provides a conceptual framework for the use of psychometrics in multi-cultural coaching psychology. Next, the book presents meta-theoretical perspectives and applications for multi-cultural contexts, such as how to enhance leadership with group coaching from a system psychodynamic approach, how coaching can be used to support behavioral engagement and wellbeing, and how to utilize symbolic expressions, art, myths, dreams, and fantasies in coaching. This book provides practical tools towards critical self-reflective practice. Delivering the current state of the art research by presenting psychological coaching strategies theory and practice in one viewpoint. It also informs on the activity of various research approaches, thus interesting the broader student and academic reader. It will help all readers evaluate their current coaching competencies and, in the end, become better coaches. The book will also serve as an ideal resource for psychologists who want to migrate into coaching psychology.

Issues in Ethics Research and Application / 2011 Edition is a ScholarlyEditions™ eBook that

delivers timely, authoritative, and comprehensive information about Ethics Research and Application. The editors have built Issues in Ethics Research and Application: 2011 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Ethics Research and Application in this eBook to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Issues in Ethics Research and Application: 2011 Edition has been produced by the world ' s leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at <http://www.ScholarlyEditions.com/>.

Developments in technologies have evolved in a much wider use of technology throughout science, government, and business; resulting in the expansion of geographic information systems. GIS is the academic study and practice of presenting geographical data through a system designed to capture, store, analyze, and manage geographic information. Geographic Information Systems: Concepts, Methodologies, Tools, and Applications is a collection of knowledge on the latest advancements and research of geographic information systems. This book aims to be useful for academics and practitioners involved in geographical data.

Cross-Cultural Interaction: Concepts, Methodologies, Tools, and Applications

New Scientist

Liquid Crystalline Polymers

International Handbook of Love

Knowledge Management Innovations for Interdisciplinary Education: Organizational Applications

In this technology-driven era, conventional manufacturing is increasingly at risk of reaching its limit, and a more design-driven manufacturing process, additive manufacturing, might just hold the key to innovation. Offering a higher degree of design freedom, the optimization and integration of functional features, and the manufacturing of small batch sizes, additive manufacturing is changing industry as we know it. Additive Manufacturing Technologies From an Optimization Perspective is a critical reference source that provides a unified platform for the dissemination of basic and applied knowledge about additive manufacturing. It carefully examines how additive manufacturing is increasingly being used in series production, giving those in the most varied sectors of industry the opportunity to create a distinctive profile for themselves based on new customer benefits, cost-saving potential, and the ability to meet sustainability goals. Highlighting topics such as bio-printing, tensile strength, and cell printing, this book is ideally

designed for academicians, students, engineers, scientists, software developers, architects, entrepreneurs, and medical professionals interested in advancements in next-generation manufacturing.

"This book provides insights on how deep learning, together with IOT, will impact various sectors such as healthcare, agriculture, cyber security, and social media analysis applications offering solutions to various real-world problems using these methods from various researchers' point of views"--

A Study of University of Johannesburg Graduates from Kwa Thema Township in Ekurhuleni
A Global Perspective