
Tshwane University Of Technology Courses

Career Awareness and Course Selection Among First Year Information Technology Students at a University of Technology
Trends in Twenty-first Century African Theatre and Performance
Research Data Access and Management in Modern Libraries
ICEL 2017 - Proceedings of the 12th International Conference on e-Learning
Students' Perception Regarding Customer Service at the Tshwane University of Technology
Master's Student Throughput at the Tshwane University of Technology
Factors Influencing Job Satisfaction of Academic Staff at Tshwane University of Technology
The Relevance of Academic Support at Tshwane University of Technology
Managing Change in the Student Affairs Division at the Tshwane University of Technology
Design and Applications of Nanostructured Polymer Blends and Nanocomposite Systems
#RhodesMustFall
The Routledge Handbook of Landscape Architecture Education
Polyolefin Fibres
The Impact of the Tshwane University of Technology Merger on Diversity in the Workplace
Biological Nitrogen Fixation
Poly(Ethylene Terephthalate) Based Blends, Composites and Nanocomposites
Antibiotic Materials in Healthcare
Polymer Nanocomposites for Advanced Engineering and Military Applications
Learning for a Better Future
ICEL2013-Proceedings of the 8th International Conference on e-Learning
Student Perception on Service Quality in Residences at Tshwane University of Technology
New Models for Technical and Vocational Education and Training
Identifying Potential for Equitable Access to Tertiary Level Science
The South African Herbal Pharmacopoeia
Analysis of Factors that Affect the Efficient Utilisation of the Online Enrollment Plan at the Tshwane University of Technology
Proceedings of the 5th International Conference on the Assessment of Animal Welfare at the Farm and Group Level
Study SA
Cases on Technology Enhanced Learning through Collaborative Opportunities
Blooming Cactus
ECEL2015-14th European Conference on e-Learning,
Nanostructured Polymer Blends
Nanomaterials-Based Composites for Energy Applications
Research Anthology on Military and Defense Applications, Utilization, Education, and Ethics
Attitudes Towards Outcomes-based Education and Training at Tshwane University of Technology
Green Biopolymers and their Nanocomposites
Student Perspectives on the Adoption of a Blended Learning Model for the Tshwane University of Technology
The Use of Smartphones and Social Media as Teaching Tools for Visual Media Students at Tshwane University of Technology
FET Colleges

HAILIE INGRID

Career Awareness and Course Selection Among First Year Information Technology Students at a University of Technology William Andrew

Antibiotic Materials in Healthcare provides significant information on antibiotic related issues, accurate solutions, and recent investigative information for health-related applications. In addition, the book addresses the design and development of antibiotics with advanced (physical, chemical and biological) properties, an analysis of materials, in vivo and in vitro applications, and their biomedical applications for healthcare. Provides information on all aspects of antibiotic related issues Offers a balanced synthesis of basic and clinical science for each individual case, presenting clinical courses and detailed microbiological information for each infection Describes the prevalence and incidence of global issues and current therapeutic approaches

Trends in Twenty-first Century African Theatre and Performance RainbowSA

Focuses on the adverse effects of diversity on staff members after three institutions formerly known as: Technikon North-West, Technikon Pretoria and Technikon Northern Gauteng were merged into Tshwane University of Technology (TUT).

Research Data Access and Management in Modern Libraries African Books Collective
"The collection of cases in the book analyzes and evaluates how organizations and institutions of learning in the developing and developed world are adapting to technology enhanced learning environments and exploring transnational collaborative opportunities"--Provided by publisher.

ICEL 2017 - Proceedings of the 12th International Conference on e-Learning William Andrew

"From invisibility to invincibility, Mikateko takes us through verses of despair, assault, discrimination, fear and hopelessness that girls and women encountered in a system that does not serve their interests to the life of purpose, power and freedom that girls and women continue to wedge in the face of all odds. This is one anthology that has the power to break and mend you. Mikateko has freed us all!" - Dr. Toyin Ajao (PhD), Researcher, Teacher and Storyteller

Students' Perception Regarding Customer Service at the Tshwane University of Technology William Andrew

Poly(Ethylene Terephthalate) (PET) is an industrially important material which is not treated specifically in any other book. Poly(Ethylene Terephthalate) Based Blends, Composites and Nanocomposites fills this gap and systematically guides the reader through all aspects of PET and its blends, composites and nanocomposites. It covers theoretical fundamentals, nanocomposites preparation, modification techniques, structure-property relationships, characterisation of the different blends and composites, and material choice for specific applications. Consisting of contributions from experts in the field this book is a useful reference for the researchers and engineers working on the development and characterization of PET materials as well as on

implementing them in real-world products. It can also be used as a standard reference for deeper insight in the mechanical, thermal, thermo-mechanical and visco-elastic aspects in product design decisions. Provides a systematic overview on all types of poly(ethylene) terephthalate (PET) based blends, composites and nanocomposites Informs about characterization, structure-property relationships and types of modifications Links material properties to specific applications, enabling engineers to make the best material choice to increase product performance and cost efficiency, in industries ranging from aerospace to energy

Master's Student Throughput at the Tshwane University of Technology John Wiley & Sons

Military technology is highly advanced in terms of technology being used in the field, computer applications, artificial intelligence, and software applications. These high-performance technologies range from weapons to communications technology to automation in vehicles and weaponry. These technologies must be both secure and reliable in harsh environments. Research is being focused specifically on that, including how military and defense applications operate, what modern technologies are being used, and the ethics surrounding these applications. A holistic view of these applications is necessary for both understanding current military tactics and tools along with the future applications. The Research Anthology on Military and Defense Applications, Utilization, Education, and Ethics focuses specifically on military and defense operations, expenditure, technologies, and tools, and the ethics surrounding technologies like weaponry and artificial intelligence in the military. The chapters cover a wide and diverse range of military and defense applications while providing crucial information on the functions, security, and reliability of these technologies. Beyond an understanding of the applications themselves, this book also focuses on military education surrounding these technologies and the ethics of usage to provide a well-rounded understanding of research in the field. This book is ideal for military consultants, military personnel, defense agencies, national security agencies, government officials, defense personnel, policymakers, military educators and trainers, stakeholders, practitioners, researchers, academicians, and students interested in the latest research in military and defense applications.

Factors Influencing Job Satisfaction of Academic Staff at Tshwane University of Technology IGI Global
Polyolefin Fibres: Structure, Properties and Industrial Applications, Second Edition, explores one of the most widely used commercial polymers, with a focus on the most important polyolefins, namely polyethylene, polypropylene, and polyolefin bicomponent fibres. These versatile fibres are durable, chemically resistant, lightweight, economical, and functional. This new edition has been updated and expanded to include cutting-edge research on a broad range of advanced applications. Part I covers the structure and properties of polyolefin fibres, incorporating a new chapter on the environmental aspects of polyolefin use. Part II examines the methods for improving the functionality of polyolefins, providing essential information for those engaged in developing high-performance materials. A final group of chapters addresses how polyolefin fibres can be incorporated into specific textile applications, such as automotive, geotextile, biomedical, and hygiene products, and explores potential future development. This book is an essential reference for

textile technologists and manufacturers, polymer and fibre scientists, yarn and fabric manufacturers, biomedical and device engineers, and industrialists and researchers. Introduces the types, properties and structure of polyolefin fibers for readers new to the polyolefins field Examines methods to improve the functionality of polyolefin fibers, providing essential information for textile technologists and research and development managers engaged in developing high-performance materials Presents existing and potential applications of polyolefin fibers, exploring how they can expand the range of commercial polyolefin-based products

The Relevance of Academic Support at Tshwane University of Technology IGI Global

Nitrogen is arguably the most important nutrient required by plants. However, the availability of nitrogen is limited in many soils and although the earth's atmosphere consists of 78.1% nitrogen gas (N₂) plants are unable to use this form of nitrogen. To compensate, modern agriculture has been highly reliant on industrial nitrogen fertilizers to achieve maximum crop productivity. However, a great deal of fossil fuel is required for the production and delivery of nitrogen fertilizer. Moreover carbon dioxide (CO₂) which is released during fossil fuel combustion contributes to the greenhouse effect and run off of nitrate leads to eutrophication of the waterways. Biological nitrogen fixation is an alternative to nitrogen fertilizer. It is carried out by prokaryotes using an enzyme complex called nitrogenase and results in atmospheric N₂ being reduced into a form of nitrogen diazotrophic organisms and plants are able to use (ammonia). It is this process and its major players which will be discussed in this book. Biological Nitrogen Fixation is a comprehensive two volume work bringing together both review and original research articles on key topics in nitrogen fixation. Chapters across both volumes emphasize molecular techniques and advanced biochemical analysis approaches applicable to various aspects of biological nitrogen fixation. Volume 1 explores the chemistry and biochemistry of nitrogenases, nif gene regulation, the taxonomy, evolution, and genomics of nitrogen fixing organisms, as well as their physiology and metabolism. Volume 2 covers the symbiotic interaction of nitrogen fixing organisms with their host plants, including nodulation and symbiotic nitrogen fixation, plant and microbial "omics", cyanobacteria, diazotrophs and non-legumes, field studies and inoculum preparation, as well as nitrogen fixation and cereals. Covering the full breadth of current nitrogen fixation research and expanding it towards future advances in the field, Biological Nitrogen Fixation will be a one-stop reference for microbial ecologists and environmental microbiologists as well as plant and agricultural researchers working on crop sustainability.

Managing Change in the Student Affairs Division at the Tshwane University of Technology IGI Global

"This book offers case studies on divergent themes addressing the core perspective of technological adaptability and transnational learning"--Provided by publisher.

Design and Applications of Nanostructured Polymer Blends and Nanocomposite Systems Academic Conferences and publishing limited

Technical and vocational education and training at technical schools are major contributing factors in combating poverty, unemployment, and inequality. The primary purpose of technical and vocational education and training is to prepare students and learners for the world of work and for a smooth transition from education institutions into the workplace. As the Fourth Industrial Revolution continues to create more radical changes in the labor market, experts are calling for a reform of

education, including vocational education and training and adult and professional education. *New Models for Technical and Vocational Education and Training* is an essential scholarly research book that examines TVET and CET colleges and programs that provide intermediate skills to enhance students' chances of employability and entrepreneurship in Industry 4.0. The book explores knowledge in respect to workforce preparation, digital skills development, teaching and learning of TVET, flexibility and articulation of TVET to respond to work-integrated learning, and reskilling and upskilling to avoid skill mismatches. It is ideal for TVET schools, academicians, curriculum designers, managers, training officers, administrators, vocational professionals, researchers, and students.

#RhodesMustFall IGI Global

Design and Applications of Nanostructured Polymer Blend and Nanocomposite Systems offers readers an intelligent, thorough introduction to the design and applications of this new generation of designer polymers with customized properties. The book assembles and covers, in a unified way, the state-of-the-art developments of this less explored type of material. With a focus on nanostructured polymer blends, the book discusses the science of nanostructure formation and the potential performance benefits of nanostructured polymer blends and composites for applications across many sectors: electronics, coatings, adhesives, energy (photovoltaics), aerospace, automotive, and medical devices (biocompatible polymers). The book also describes the design, morphology, and structure of nanostructured polymer composites and blends to achieve specific properties. Covers all important information for designing and selecting the right nanostructured polymer system Provides specialized knowledge on self-repairing, nanofibre and nanostructured multiphase materials, as well as evaluation and testing of nanostructured polymer systems Serves as a reference guide for development of new products in industries ranging from electronics, coatings, and energy, to transport and medical applications Describes the design, morphology, and structure of nanostructured polymer composites and blends to achieve specific properties

The Routledge Handbook of Landscape Architecture Education IGI Global

This volume, *Nanomaterials-Based Composites for Energy Applications: Emerging Technology and Trends*, covers the importance of nanomaterials-based composites for renewable and alternative energy applications. Taking a multidisciplinary approach, it looks at using composites without losing the extraordinary strength of the nanomaterials, preparing new composites with high dielectric permittivity, improving load-carrying capacity, and more. Simulation and experimental work is included, providing a current view of the research that is going on in laboratories all over the world. The book will be a rich reference for professors and instructors, professionals, researchers, and engineering students interested in applying the emerging field of nanoscience and nanotechnology to energy applications.

Polyolefin Fibres IGI Global

The South African Herbal Pharmacopeia: Monographs of Medicinal and Aromatic Plants is a collection of 25 original monographs of medicinal plants that are currently under commercialization or have the potential for commercialization into herbal medicinal products for the global marketplace. Chapters include a general overview covering synonyms, common names, conservation status, botany, geographical distribution, ethnopharmacology, commercialization, pharmacological evaluation, chemical profiling and quality control, including HPTLC fingerprint analysis, UPLC

analysis, gas chromatography and mid-infrared spectroscopy analysis. Academics researching pharmacy and analytical chemistry will benefit from the detailed chemical profile on each species presented. Industrial manufacturers of herbal products, herbal medicines, cosmetics, food supplements, and national and international policymakers and regulators will benefit from the overview provided at the beginning of each chapter. Provides a comprehensive, up-to-date literature review on 25 medicinal plants of South Africa Documents quality control protocols for chemical fingerprinting and biomarker identification in plant material Includes updated safety profiles of medicinal plants

The Impact of the Tshwane University of Technology Merger on Diversity in the Workplace Academic Conferences Limited

All universities and colleges have physical or traditional admission and registration systems in place. In addition, some partially automated systems, like course registration, where current students have to login and electronically enroll in courses of interest, are also in use. Some major admission process, however, are still not fully automated. An online enrollment system was introduced at the Tshwane University of Technology (TUT) in 2006, with a view to enable students to apply and register online and acquire valuable information from databases that belong to the Registrar's Office at TUT. Since 2006, the online system of registration at TUT has been improved in phases. The online system of registration is designed in order to enable students to register for subjects prior to the commencement of their semesters. The aim of his study is to assess how effectively students utilize the online system of enrollment at TUT. The impact of an introduction of and transition to a self-service administration module will be discussed with regard to customer satisfaction.

Biological Nitrogen Fixation Springer

Currently one of the most serious challenges faced by South African Universities is the fact that less than a quarter of tertiary students graduate after five years. The objective of this research study is to determine the various reasons why master students do not complete their studies in the prescribed time duration. It is predicted that the outcome of this research will point to the fact that there is a positive correlation between proposal formulation, supervisor support and other associated factors, and the success of masters' students.

Poly(Ethylene Terephthalate) Based Blends, Composites and Nanocomposites Academic Press

Various international scholars and associates of the PASCAL (Place, Social Capital and Learning Regions) International Observatory (Africa hub), under the auspices of the Centre for Local Economic

Development (CENLED) based at the University of Johannesburg (UJ), have contributed chapters in this scholarly book. The book aims to demonstrate how a combination of globalisation, pandemics and the impact of innovation and technologies are driving towards a world in which traditional ideas are being challenged. The book carries forward a dual context and relevance: to South African social, educational, economic and cultural development, and the broader international context and action directed at how lifelong learning for all can be fostered in communities as a foundation for a just, human-centred, sustainable world. The distinctive contribution of this book to the production of a local body of knowledge lies in the symbiotic relationships between these objectives, so that South Africa could serve as a test case in working towards approaches that have a wider international significance.

Antibiotic Materials in Healthcare Springer Science & Business Media

This study is an investigation of the students' perception of the quality of service in the residences of the Tshwane University of Technology (TUT). Universities are educational service organisations. The quality of the services rendered to the students is the focus of the competitive education market which comprises of both public and private education institutions. Since students are viewed as customers, education service quality should logically be measured from the perspective of students.

Polymer Nanocomposites for Advanced Engineering and Military Applications CRC Press

The contact centre industry is growing rapidly in developed, and this is also the case in South Africa. The Tshwane University of Technology (TUT) contact centre consists of both inbound and outbound contact centres. The inbound contact centre deals with the University's information while the outbound contact centre is mainly for debt collection. This study aimed at determining customers' perception of service at the TUT's contact centre, and this was prompted by the need to understand customers' expectations which is the most important step on the road to deliver quality service.

Learning for a Better Future Woodhead Publishing

Determines the influence of career awareness on the choice of career by first year information technology students. It also looks at the factors that are involved when the students make decisions about university courses they follow when they leave high school.

ICEL2013-Proceedings of the 8th International Conference on e-Learning AOSIS

Proceedings of the 5th conference on the assessment of animal welfare at farm and group level.

New and emerging methods for animal welfare assessment are explored, focusing on the validity, repeatability and feasibility of different animal welfare measures.