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Writing Centres in Higher Education

Laura Dison 2017-01-01 Writing Centres in South Africa, and globally, are now well established academic support centres within many universities. Historically tasked with supporting students as they grapple with the demands of academic writing, many centres are now moving beyond their own walls to work with academic tutors, lecturers and departments to rethink the ways in which knowledge is transformed into different kinds of disciplinary writing. This move raises pertinent questions for writing centre directors, tutors/consultants, and for the universities that house them: how does a centre, tasked with supporting more general academic literacy development through writing pedagogies, initiate students into a range of particularised discourse communities? How do writing centre staff and disciplinary lecturers negotiate their shared, and separate, concerns for student learning through collaborative writing development projects? How do writing centres work with assignments and forms of literacy that challenge them to reconfigure their own pedagogical practices and expand their conceptions of writing support? How

do writing centres maintain their core focus as they move flexibly beyond their own spaces to understand the nature of disciplinary writing? This collection of essays reflects on the ways in which writing centres in South Africa are working in and across disciplines. Institutional constraints and challenges that arise from these collaborations are addressed and opportunities for transforming teaching and learning spaces are explored. The chapters speak to the global move in higher education to reconsider how knowledge is made, who makes it, and how support and development opportunities for students and lecturers should be created and sustained across the disciplines. This volume contributes to the body of knowledge in the growing field of the scholarship of teaching and learning in higher education in South Africa. It builds on the work of the first collection of such essays: *Changing Spaces: Writing Centres and Access to Higher Education* (Eds. A. Archer and R. Richards, 2011, SUN PRess) to understand why working within the disciplines is so critical for writing development in a South African context.

ECEL 2021 20th European Conference on e-Learning Prof. Dr.-Ing. Carsten

Busch 2021-10-28

Advanced Certificate in Procurement and Supply Operations

Elaine Porteous 2019 This study guide for the elective module Socially Responsible Warehousing and Distribution (L3M6) forms part of the CIPS Level 3

Certificate in Procurement and Supply Operations qualification. The study guide follows the syllabus guide with a chapter dedicated to each of the learning outcomes. On completion of this book you will: understand the concepts of sustainability and corporate social responsibility (CSR); understand environmental impacts; understand methods for the storage and movement of inventory.

ICTR 2018 International Conference on Tourism Research Dr Minna Tunkkari-Eskelinen, JAMK University of Applied Science Jyväskylä, Finland 2018-03-22 These proceedings represent the work of researchers participating in the International Conference on Tourism Research (ICTR 2018) which is being hosted by JAMK University of Applied Sciences, Jyväskylä, Finland on 23-24 March 2018.

Intelligence in the Era of Big Data Rolly Intan 2015-03-12 This book constitutes the refereed proceedings of the 4th International Conference on Soft Computing, Intelligent Systems, and Information Technology, ICSIIT 2015, held in Bali, Indonesia, in March 2015. The 34 revised full papers presented together with 19 short papers, one keynote and 2 invited talks were carefully reviewed and selected from 92 submissions. The papers cover a wide range of topics related to intelligence in the era of Big Data, such as fuzzy logic and control system; genetic algorithm and heuristic approaches; artificial intelligence and machine learning; similarity-based models; classification and clustering techniques; intelligent data processing; feature extraction; image

recognition; visualization techniques; intelligent network; cloud and parallel computing; strategic planning; intelligent applications; and intelligent systems for enterprise, government and society.

Handbook of African Educational Theories and Practices: A Generative Teacher Education Curriculum A. Bame Nsamenang 2012

Business Law - Now Caterina Crucitti 2010-02-01

Activity Theory, Authentic Learning and Emerging Technologies Vivienne Bozalek 2014-09-15 Although emerging technologies are becoming popularised for teaching, learning and research, the relationship between their use and transformative effects on higher education remain largely unexplored. This edited collection seeks to fill this gap by providing a nuanced view, locating higher education pedagogical practices at an intersection of emerging technologies, authentic learning and activity systems. Providing numerous case studies as examples, the book draws from a wide range of contexts to illustrate how such a convergence has the potential to track transformative teaching and learning practices in the higher education sector. Chapters provide the reader with a variety of transformative higher education pedagogical practices in southern contexts, theorised within the framework of Cultural Historical Activity Theory (CHAT) and tool mediation, while using authentic learning as a pedagogical model upon which this theoretical framework is based. The topics covered in the book have global relevance, with research paying particular attention to South Africa, Australia and New Zealand, where the authors are based. The book will be of interest to educators, researchers and practitioners in higher education, as well as those

interested in emerging technologies in education more generally.

Student Movements in Late

Neoliberalism Lorenzo Cini 2021-08-22

This book inquires into the global wave of student mobilizations that have arisen in the aftermath of the economic crisis of 2008, accounting for their historical and sociological significance. More specifically, its eleven chapters explore the role of students as political actors: their ability to build effective organizations, to make political alliances with other actors, and to win public consensus, as well as their impact on cultural, political, and policy outcomes. To do so, the volume examines case studies in England, Chile, South Africa, Quebec, and Hong Kong, covering Europe, Africa, Asia, and North and Latin America. Grouped into two major sections, the collection covers the organizational structures of student movements and their alliances and outcomes. Ultimately, this volume examines the understudied political aspects of student unrest, exploring how student mobilizations—driven by indebtedness, precariousness, the corporatization of the university, and other issues—correspond to larger processes of change with wider implications in society.

The Aims of Higher Education

Harry Brighouse 2015-05-04 This book features a group of top-notch philosophers tackling some of the biggest questions in higher education: What role should the liberal arts have in a college education? Should colleges orient themselves to the educational demands of the business sector? What is the role of highly selective colleges in the public sphere? To what extent should they be subsidized directly, or indirectly, by the public? Should they simply teach students skills and academic knowledge, or should they

play a role in shaping character, and if so to what end? Should highly selective colleges admissions practices give an edge to racial minorities, or legacies, or poor students? How much should the public purse subsidize disadvantaged students attending such institutions? These questions are fundamentally about moral and political values—questions of distributive justice and of what constitutes valuable education. Philosophers are trained to identify value considerations in great detail—indeed, often with more precision than is ever needed for practical purposes—but most disagreements about policy and practice proceed with minimal attention to the values assumed on either side, and all sides can benefit from more clarity about exactly what moral values are at play. The philosophers here, then, address some of the fundamental questions underlying debates about higher education—and in ways that are interesting and accessible to others."

Library Staffing for the Future

2015-12-09 This latest volume contains approaches from researchers around the world. The chapters explore such issues as skills-building and other professional development activities, changing demographic profiles of staff, changing modes of resource provision, succession planning, remote work, and planning for Linked Data.

Re-imagining Curriculum

Lynn Quinn 2019-11-15 The book argues that academics, academic developers and academic leaders need to undertake curriculum work in their institutions that has the potential to disrupt common sense notions about curriculum and create spaces for engagement with scholarly concepts and theories, to re-imagine curricula for the changing times. Now, more than ever in the

history of higher education, curriculum practices and processes need to be shared; the findings of research undertaken on curriculum need to be disseminated to inform curriculum work. We hope the book will enable readers to look beyond their contextual difficulties and constraints, to find spaces where they can dream, and begin to implement, innovative and creative solutions to what may seem like intractable challenges or difficulties.

The Teaching of Commercial Subjects
1921

Postgraduate Supervision Magda Fourie-Malherbe 2016-11-21 The 24 chapters contained in this volume provide diverse but also congruent perspectives on future foci for research into postgraduate education and supervision in the knowledge society. The chapters move from deliberations on challenges for postgraduate supervision at macro level (such as the pressure to increase postgraduate output and the implications of increasingly managerialist institutions) to meso level matters (the form and function of postgraduate education in specific countries) to the micro (rich case studies of individual institutions, programmes and supervisors).

ICTR 2021 4th International Conference on Tourism Research Prof Cândida Silva 2021-05-20 Conference Proceedings of 4th International Conference on Tourism Research
Electro-Technical Rating Organización Marítima Internacional 2019-09-02 The aim of this model course is to meet the mandatory minimum standards of competence for seafarers as electro-technical ratings, in the following functions: electrical, electronic and control engineering; maintenance and repair; and controlling the operation of the ship and care for persons on board, at the support level specified

in table A- III/7 of the STCW Code
Higher Education, Community Engagement and Entrepreneurship in Southern Africa I. G. Govender 2021-02-24 This volume explores the pressing issues of entrepreneurship education and development in Southern Africa. It discusses the various roles of higher education institutions in enhancing entrepreneurship in localised communities, and provides a systematic solution for improving the Southern African economy by realising the importance of empowering the youth with entrepreneurial skills. In addition, successful development requires effective policies and contemporary approaches to both community engagement and entrepreneurship management. The book uses different Southern African case studies to discuss the various issues and innovations in entrepreneurship in the country.

Process Engineering Renewal 1 Éric Schaer 2020-05-05 Process engineering emerged at the beginning of the 20th Century and has become an essential scientific discipline for the matter and energy processing industries. Its success is incontrovertible, with the exponential increase in techniques and innovations. Rapid advances in new technologies such as artificial intelligence, as well as current societal needs – sustainable development, climate change, renewable energy, the environment – are developments that must be taken into account in industrial renewal. **Process Engineering Renewal 1** – the first volume of three – focuses on training, demonstrating the need for innovation in order for the field to have a framework that is sustainable, in a highly changeable world.

Basic Immunology Abul K. Abbas 2004 The 2nd edition of this popular text emphasizes the fundamental concepts and principles of human immunology

that students need to know, without overwhelming them with extraneous material. It leads the reader to a firm understanding of basic principles, using full-color illustrations; short, easy-to-read chapters; color tables that summarize key information clinical cases; and much more—all in a conveniently sized volume that's easy to carry. The New Edition has been thoroughly updated to reflect the many advances that are expanding our understanding of the field. The smart way to study!

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Decolonisation in Universities

Jonathan Jansen 2019-08-01 In this collection of case studies and stories from the field, South African scholars come together to trade stories on how to decolonise the university Shortly after the giant bronze statue of Cecil John Rhodes came down at the University of Cape

Town, student protestors called for the decolonisation of universities. It was a word hardly heard in South Africa's struggle lexicon and many asked: What exactly is decolonisation? This edited volume brings together the best minds in curriculum theory to address this important question. In the process, several critical questions are raised: Is decolonisation simply a slogan for addressing other pressing concerns on campuses and in society? What is the colonial legacy with respect to curriculum and can it be undone? How is the project of curriculum decolonisation similar to or different from the quest for postcolonial knowledge, indigenous knowledge or a critical theory of knowledge? What does decolonisation mean in a digital age where relationships between knowledge and power are shifting? The book combines strong conceptual analyses with novel case studies of attempts to 'do decolonisation' in settings as diverse as South Africa, Uganda, Tanzania and Mauritius. Such a comparative perspective enables reasonable judgements to be made about the prospects for institutional take-up within the curriculum of century-old universities.

A Question of Power Bessie Head

2012-10-01 In the village of Motabeng, Botswana - the place of sand - Elizabeth and her son have made their new home, far away from their old life in South Africa. But the past cannot be conveniently left behind at the border. Even though she may be free to reinvent herself in this new country, Elizabeth's mixed racial heritage and urban ways mark her as an outsider. A mind-bending novel that takes the reader in and out of sanity, this semi-autobiographical work tracks Elizabeth's struggle to emerge from the oppressive social situation in

which she finds herself and from the nightmares and hallucinations that torment her.

Learning to teach in post-apartheid South Africa Yusuf Sayed 2018-11-28
Teacher education programmes seek to provide student teachers with the knowledge and expertise to provide quality teaching and learning in a diverse and challenging school context. Learning to Teach in post-apartheid South Africa: Student Teachers' Encounters with Initial Teacher Education addresses the complexities of teacher education programmes in preparing students to teach. It adds to the knowledge about teacher education, contributing critical understanding of education and the schooling system. The book provides important insights to deepen researchers, academics, teacher education providers, policy-makers, and students' understanding of the importance to address equity, redress, and quality in South African education in a post-apartheid era. This book further helps to build student teachers' capacities to work creatively and to become active and critical agents of transformation. It ultimately outlines the challenges face in designing and delivering successful Initial Teacher Education programmes, and the impact this has on delivering equitable and quality education.

Advanced Sorption Process Applications Serpil Edebali
2019-02-20 At the beginning of the twenty-firstst century, separation processes presented a comprehensive application of the major operations performed by various industries, such as chemical, food, environmental, and biotechnology. Sorption, one of the preferred separation processes because of its effectiveness at different interfaces, has caught the attention of many scientists. This book is aimed at gaining a general

knowledge of sorption and a number of extremely important applications, as well as recognizing its functions and paramount importance in chemical and biochemical plants, including environmental treatment. Moreover, progress in the phenomenon is highlighted in this book. To help provide instruction in the important sorption processes, we have chosen authors who have extensive industrial and academic experience in closing the gap between theory and practice. Crucial progress in the theoretical information section of sorption has been achieved, mainly through the development of new techniques that examine the usage of various sorbents, including nanomaterials for the removal of various pollutants. We have subdivided the book into several sections, one of which is focused on applications of the sorption process, which presents real results of the recent studies and gives a source of up-to-date literature. The relationship between the sorption process and isotherm and kinetics modeling is analyzed in another chapter. This book will be a reference book for those who are interested in sorption techniques from various industries.

Architecture Francis D. K. Ching
2012-07-16 A superb visual reference to the principles of architecture Now including interactive CD-ROM! For more than thirty years, the beautifully illustrated Architecture: Form, Space, and Order has been the classic introduction to the basic vocabulary of architectural design. The updated Third Edition features expanded sections on circulation, light, views, and site context, along with new considerations of environmental factors, building codes, and contemporary examples of form, space, and order. This classic visual reference helps both students and practicing architects understand

the basic vocabulary of architectural design by examining how form and space are ordered in the built environment.? Using his trademark meticulous drawing, Professor Ching shows the relationship between fundamental elements of architecture through the ages and across cultural boundaries. By looking at these seminal ideas, *Architecture: Form, Space, and Order* encourages the reader to look critically at the built environment and promotes a more evocative understanding of architecture. In addition to updates to content and many of the illustrations, this new edition includes a companion CD-ROM that brings the book's architectural concepts to life through three-dimensional models and animations created by Professor Ching.

Information and Communication Technologies for Development Jyoti Choudrie 2017-05-15 This book constitutes the refereed proceedings of the 14th IFIP WG 9.4 International Conference on Social Implications of Computers in Developing Countries, ICT4D 2017, held in Yogyakarta, Indonesia, in May 2017. The 60 revised full papers and 8 short papers presented together with 3 keynotes were carefully reviewed and selected from 118 submissions. The papers are organized in the following topical sections: large scale and complex information systems for development; women empowerment and gender justice; social mechanisms of ICT-enabled development; the data revolution and sustainable development goals; critical perspectives on ICT and open innovation for development; the contribution of practice theories to ICT for development; agile development; indigenous local community grounded ICT developments; global sourcing and development; sustainability in ICT4D; and

information systems development and implementation in Southeast Asia. Also included are a graduate student track, current issues and notes. The chapter 'An Analysis of Accountability Concepts for Open Development' is open access under a CC BY 4.0 license via link.springer.com.

Threat Mitigation and Detection of Cyber Warfare and Terrorism Activities Korstanje, Maximiliano E. 2016-11-22 Technology provides numerous opportunities for positive developments in modern society; however, these venues inevitably increase vulnerability to threats in online environments. Addressing issues of security in the cyber realm is increasingly relevant and critical to society. *Threat Mitigation and Detection of Cyber Warfare and Terrorism Activities* is a comprehensive reference source for the latest scholarly perspectives on countermeasures and related methods to enhance security and protection against criminal activities online. Highlighting a range of topics relevant to secure computing, such as parameter tampering, surveillance and control, and digital protests, this book is ideally designed for academics, researchers, graduate students, professionals, and practitioners actively involved in the expanding field of cyber security.

Hydropedology Henry Lin 2012-07-09 *Hydropedology* is a microcosm for what is happening in Soil Science. Once a staid discipline found in schools of agriculture devoted to increasing crop yield, soil science is transforming itself into an interdisciplinary mulch with great significance not only for food production but also climate change, ecology, preservation of natural resources, forestry, and carbon sequestration. *Hydropedology* brings

together pedology (soil characteristics) with hydrology (movement of water) to understand and achieve the goals now associated with modern soil science. The first book of its kind in the market Highly interdisciplinary, involving new thinking and synergistic approaches Stimulating case studies demonstrate the need for hydropedology in various practical applications Future directions and new approaches are present to advance this emerging interdisciplinary science

Practice-based Learning in Higher Education

Monica Kennedy 2015-02-10

This book addresses issues confronting universities' attempts to integrate practice-based learning in higher education curriculum, yet which reveals the jostling of cultures which exist within and amongst the academy, industry, government and professional bodies and other educational providers. The book engages theory in practices, and draws upon research highlighting the issues and transactions that emerge with implementation of work integrated learning arrangements as uses these resources to discuss and develop further both theoretical premises and procedural contributions. The illustrative cases derive utilise metaphors of culture in their exploration of the epistemologies, structures, politics, histories and rituals which constrain program opportunity and success in making these advances. The volume comprises two main sections, the first laying out focal issues in the integration of learning and work in higher education. This section presents the issues at multiple levels of analysis and in theoretical terms. This section provides a foundation for the second section of the book which introduces a number of research studies illustrative of the issues theorised in the first. The

cases highlight the practice of workplace and higher education pedagogy. They provide thick descriptions of experiences of integration and are explicitly focused on the implementation of work integrated programs in higher education. The volume commences with an introductory chapter which sets out the range of issues addressed both theoretically and through illustration in the book and a final chapter critically reviews the contributions and acts to provide a cohesive picture of the learning practices of work and higher education and the possibilities of their integration.

Visual Cultures of Africa Mary Clare Kidenda 2022-04-06 The voices in this book offer a multi-perspectival approach to Africa, focusing on the skills and the knowledge underpinning visual cultural expressions ranging from Akan symbolism to embodied performances by dancers and storytellers, even re-designed models of Western cars. Educators, designers, artists, critics, curators, and custodians based both in Africa and in Europe are configuring spaces for public, private, institutional as well as digital conversation – whether through pottery or portraiture, furniture or film, shoes or selfies, buildings or books. Readers are encouraged to question how African visual cultures are both 'in' and 'of'; identifying and confrontational; post- and decolonial; preserved and practised; old and new; borrowed and authentic; composite and complete; rooted and soaring. Disciplines being engaged include visual culture studies, media studies, performance studies, orature, literature, art and design – as well as their histories. The editors Mary Clare Kidenda, Lize Kriel and Ernst Wagner represent

three nodes in the Exploring Visual Cultures north-south collaborative network: The Technical University of Kenya, the University of Pretoria in South Africa and Munich Academy of Fine Arts in Germany.

Linking Universities and Marginalised Communities Michael Gastrow

2016-02-01 *Linking Universities and Marginalised Communities* examines how South African universities engage with the informal sector in marginalized communities to improve livelihoods through inclusive innovation. The knowledge imperatives of universities are explored in relation to the public good and social justice, and the roles of innovation and technology transfer. Case studies provide examples of coherence between teaching, research, innovation and community engagement, and illustrate the enablers and constraints to such interaction. These insights find policy application in the spheres of higher education, science and technology, and economic development. The analysis also provides lessons for innovation studies, pointing out the need to refine the notion of innovation so that it may be more appropriate for the developmental challenges of countries such as South Africa.

Creating Effective Teaching and Learning Spaces: Shaping Futures and Envisioning Unity in Diversity and Transformation Zilungile Lungi Sosibo

2021-09-07 Higher education in post-apartheid South Africa was always likely to attract academic interest, and yet there remains a dearth of research on creating teaching and learning spaces suitable for students from diverse backgrounds. Using examples from higher education institutions across the Southern African Developing Community (SADC) region, this volume explores the ways teaching and learning spaces are

being used to advance the transformation agenda of higher education in these regions, and provides concrete recommendations for the future. The book is sure to appeal to academics from a variety of disciplines - from African, African American and ethnic studies to education and sociology. It will be of particular interest to teacher trainers, administrators and policy-makers working in higher education, and anyone else with a stake in managing cultural diversity in education.

Telling Stories Differently Janet Condy 2015-09-01

¶The aim of this book is to share a relatively loose collection of studies using digital storytelling as a pedagogical tool in Cape Peninsula University of Technology (CPUT). The book takes an informed social justice approach to teaching and learning, at the heart of which is the exploration of DST as a practice of voice and agency. Voice and agency are important in excavating and recovering subjugated identities, and moving the concerns of those occupying subaltern spaces to the mainstream of teaching and learning. Yet this discursive shift is not without inherent challenges. Multi-modal technologies are reflective of wider inequities in the so-called technological divide. Whilst this is a book about higher education, there are important lessons for schooling. On the one hand, the book is a powerful demonstration of the potential of DST for enhancing learning in schools, particularly in schools serving the poor and marginalised. On the other hand, improving teaching and learning in higher education, through the creative use of technology, is essential to overcome the learning challenges of those entering tertiary level institutions.

Fulfilling Our Potential Great

Britain: Department for Business, Innovation and Skills 2015-11-13 This consultation contains proposals to reshape the higher education landscape to have students at its heart. Its core aims are to raise teaching standards, provide greater focus on graduate employability, widen participation in higher education, and open up the sector to new high-quality entrants. This document sets out proposals for how the Government's manifesto commitment to introduce a Teaching Excellence Framework will deliver better value for money for students, employers and taxpayers. It also sets out plans to drive social mobility by further increasing higher education participation by those from disadvantaged and under-represented groups. This consultation proposes a new single gateway for entry to the sector, which would create a common system for all providers. It sets out proposed new architecture for the higher education system, to reflect the way higher education is now funded by students, and to reduce the regulatory burden on the sector. Finally, this consultation considers the potential implications of these changes for the research landscape.

Investing in Information Andy

Bytheway 2014-11-28 This book gathers together, in a new way, established and contemporary thinking about how to get the best out of information technology and information systems investments. Working managers who are beset by the complexities of information management in the age of Big Data and the Social Web, and students who are trying to make sense of information management in a chaotic world that is more and more driven by the Internet, will all benefit from this new treatment of a long-standing and problematic domain. Importantly, the book reveals and clarifies the dependencies that exist

between the inner world of information technology and the outer world of people and organisations at work. The book differs from other books in its reflective approach. It avoids lengthy, descriptive, and prescriptive dogma. Rather, it provides tools for thinking about information management and it identifies strategic and tactical options at six levels: from the simple consideration of information technology and information systems, right through to issues of organisational performance and business strategy. At the heart of the matter are two critical and tightly connected issues: the ways that we conceive and manage an organisation's processes, and the ways that we conceive and manage the information that an organisation needs to sustain those processes. The six-level framework that achieves this clarity is the "Information Management Body of Knowledge" (familarly known as the "IMBOK"). This easy-to-understand and easy-to-remember framework has been found to be extremely useful in business, in government, in civil society and in education. Throughout the book, selected research papers are identified and summarised. There are also summary chapters from three different operational perspectives: performance and competency assessment using the IMBOK, undertaking research into related issues, and a review of parallel expert thinking. This book stands as a reference point and resource for all those who need to straddle the disparate worlds of "information technology" and "business". It provides firm pedagogical foundations for courses dealing with business management in the information age, and it provides a sound reference framework for researchers who need to position research projects related to

information technology and information systems in a wider context. For busy managers, who simply wish to identify, understand and successfully manage information technology-related opportunities, it provides an ideal arrangement of ideas and tools that will help them.

The Transformative Power of Language Russell H. Kaschula 2020-08-31 A new study of the importance of language for sociocultural change in Africa, from postcolonial to globally competitive knowledge societies.

Institutional Research in South African Higher Education Jan Botha 2016-11-01 The book provides a thorough overview of Institutional Research (IR) ? i.e. applied higher education research undertaken within universities ? in South Africa. It is a collection of essays focusing on the character and institutional setting of IR; how IR is embedded into the mechanisms of steering, shaping and reforming higher education; and what the major results were of IR in select thematic areas. The book is a valuable resource for higher education researchers and social researchers in South Africa interested in higher education. It also deserves to be read by practitioners and policymakers in the field of higher education in South Africa. It serves as an interesting case study for higher education researchers all over the world.

Waste Management in the Fashion and Textile Industries Rajkishore Nayak 2021-01-07 Waste Management in the Textiles Industry explores and explains the latest technologies and best practices for an integrated approach to the management and treatment of wastes generated in this industry. Provides a strong technological analysis of the manufacturing supply chain, including spinning, fabric production, finishing, garment manufacture, and

the packaging of clothing Explains how textile technology perspectives feed into management decision-making about sustainability Addresses the industry's impact on air and water quality and landfill waste

Innovation, Entrepreneurship and Sustainability Norbert Grünwald 2015-06-03 The ICEBE conference in Windhoek is the sixth in a series of annual conferences on engineering and business education. It is organized by the Robert-Schmidt-Institute (University Wismar), hosted by Polytechnic of Namibia and co-organised by University of Applied Sciences Jena. The conferences were held in Sibiu (Romania), Manila (Philippines), Cape Town (South Africa) and Wismar (Germany). The theme of the Windhoek Conference is "Innovation, Entrepreneurship and Sustainability which describes the emphasis that is laid on always using these three terms in combination, i.e., not to consider one in isolation from the others. Thus the primary target of this conference is to provide the delegates with cross-disciplinary thinking related to the three main streams in engineering and business education.

A Guide to Graph Colouring R.M.R. Lewis 2015-10-26 This book treats graph colouring as an algorithmic problem, with a strong emphasis on practical applications. The author describes and analyses some of the best-known algorithms for colouring arbitrary graphs, focusing on whether these heuristics can provide optimal solutions in some cases; how they perform on graphs where the chromatic number is unknown; and whether they can produce better solutions than other algorithms for certain types of graphs, and why. The introductory chapters explain graph colouring, and bounds and constructive algorithms. The author then shows how advanced, modern techniques can be applied to

classic real-world operational research problems such as seating plans, sports scheduling, and university timetabling. He includes many examples, suggestions for further reading, and historical notes, and the book is supplemented by a website with an online suite of downloadable code. The book will be of value to researchers, graduate students, and practitioners in the areas of operations research,

theoretical computer science, optimization, and computational intelligence. The reader should have elementary knowledge of sets, matrices, and enumerative combinatorics.

Labour Relations in Practice Sonia Bendix 2010 The book deals with labour relations/employment relations matters encountered by HR officers, managers, union representatives and those engaged in advisory services.