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Commerce
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Dengue and Zika: Control and Antiviral Treatment Strategies
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Atlas of Male Genital Dermatology
Assam Directory and Tea Areas Handbook
Design and Development of Heavy Duty Diesel Engines
Sanctuary Asia
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The Rise of China and India in Africa
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Urban Mining and Sustainable Waste Management

This book presents the latest research on the area of nano-energetic materials, their synthesis, fabrication, patterning, application and integration with various MEMS systems and platforms. Keeping in mind the applications for this field in aerospace and defense sectors, the articles in this volume contain contributions by leading researchers in the field, who discuss the current challenges and future perspectives. This volume will be of use to researchers working on various applications of high-energy research.

The Hindu Survey of Indian Agriculture

Green Bio-processes

The result of a collaborative effort by small business owners and advisers in ACP countries, this manual covers everything you need to know about starting up and managing a small-scale cooking oil business. Helpfully illustrated with numerous

tables, checklists and case studies, it highlights important aspects such as production, processing and quality control. Marketing, packaging, branding and customer care are also covered, along with invaluable advice on how to plan and manage finances.

Ivory Tower and Industrial Innovation

Global Business Strategy

This book comprises the proceedings of International Conference on Research and Innovations in Mechanical Engineering (ICRIME 2013) organized by Guru Nanak Dev Engineering College, Ludhiana with support from AICTE, TEQIP, DST and PTU, Jalandhar. This international conference served as a premier forum for communication of new advances and research results in the fields of mechanical engineering. The proceedings reflect the conference's emphasis on strong methodological approaches and focus on applications within the domain of mechanical engineering. The contents of this volume aim to highlight new theoretical and experimental findings in the fields of mechanical engineering and closely related fields, including interdisciplinary fields such as robotics and mechatronics.

Commerce

Biodiesel

This book presents theories and case studies for corporations in developed nations, including Japan, for designing strategies to maximize opportunities and minimize threats in business expansion into developing nations. The case studies featured here focus on Asia, including China and India, and use examples of Japanese manufacturers. Five case studies are provided, including Hitachi Construction Machinery and Shiseido in China and Maruti Suzuki in India. These cases facilitate the reader's understanding of the business environments in emerging economies. This volume is especially recommended for business people responsible for international business development, particularly in China and India. In addition, the book serves as a useful resource for students in graduate-level courses in international management.

Dengue and Zika: Control and Antiviral Treatment Strategies

This contributed volume contains 25 chapters from leading international scientists working on dengue and Zika viruses, who came together in Praia do Tofo in

Mozambique to discuss the latest developments in the fields of epidemiology, pathogenesis, structural virology, immunology, antiviral drug discovery and development, vaccine efficacy, and mosquito control programs. The meeting venue offered an opportunity to discuss current research on these flaviviruses in an idyllic setting, and also to develop first-hand appreciation of the issues in infectious diseases facing developing countries and of the research gaps in Africa. For readers, who should include basic and clinical researchers in the field and public health professionals, the chapters are organized to provide a comprehensive overview of the various topics in current dengue and Zika virus research. A unique feature of the proceedings of this meeting is the inclusion of the discussions that took place following presentations. These have been transcribed and appended to the end of the relevant chapters, and they form the “salt in the soup” of this book.

The National Agricultural Directory 2011

Advances in Interdisciplinary Engineering

Madhya Pradesh District Gazetteers: Sehore and Bhopal

Atlas of Male Genital Dermatology

Assam Directory and Tea Areas Handbook

This book, divided in two volumes, originates from Techno-Societal 2018: the 2nd International Conference on Advanced Technologies for Societal Applications, Maharashtra, India, that brings together faculty members of various engineering colleges to solve Indian regional relevant problems under the guidance of eminent researchers from various reputed organizations. The focus is on technologies that help develop and improve society, in particular on issues such as the betterment of differently abled people, environment impact, livelihood, rural employment, agriculture, healthcare, energy, transport, sanitation, water, education. This conference aims to help innovators to share their best practices or products developed to solve specific local problems which in turn may help the other researchers to take inspiration to solve problems in their region. On the other hand, technologies proposed by expert researchers may find applications in different regions. This offers a multidisciplinary platform for researchers from a broad range of disciplines of Science, Engineering and Technology for reporting innovations at different levels.

Design and Development of Heavy Duty Diesel Engines

Sanctuary Asia

This book focuses on the two-phase flow problems relevant in the automotive and power generation sectors. It includes fundamental studies on liquid-gas two-phase interactions, nucleate and film boiling, condensation, cavitation, suspension flows as well as the latest developments in the field of two-phase problems pertaining to power generation systems. It also discusses the latest analytical, numerical and experimental techniques for investigating the role of two-phase flows in performance analysis of devices like combustion engines, gas turbines, nuclear reactors and fuel cells. The wide scope of applications of this topic makes this book of interest to researchers and professionals alike.

Census of India, 1981: District census handbook. A. Village & town directory ; B. Village & townwise primary census abstract

The Rise of China and India in Africa

Biorefinery of Alternative Resources: Targeting Green Fuels and Platform Chemicals

The book is a collection of high-quality peer-reviewed research papers presented in the Proceedings of International Conference on Power Electronics and Renewable Energy Systems (ICPERES 2014) held at Rajalakshmi Engineering College, Chennai, India. These research papers provide the latest developments in the broad area of Power Electronics and Renewable Energy. The book discusses wide variety of industrial, engineering and scientific applications of the emerging techniques. It presents invited papers from the inventors/originators of new applications and advanced technologies.

Intelligent Manufacturing and Energy Sustainability

Written by leading experts from all across the globe, this comprehensive yet concise textbook offers up-to-date summary in the field of Obesity and its Surgical Management for a wide range of healthcare professionals involved within a Bariatric Multidisciplinary Team including Surgeons, Dieticians, Metabolic Physicians, Anaesthesiologists, Psychologists, Psychiatrists, Radiologists and Nursing staff. The book also serves as a reference manual for General Physicians, General Surgeons & General Practitioners.

Bio-Geotechnologies for Mine Site Rehabilitation

This atlas provides a practical guide applicable to the diagnosis and management of skin diseases affecting the male genital area. Chapters feature concise descriptions and advice on potential management strategies and cover sexually transmissible infections, candidal balanoposthitis, rare male genital malignancies, and pigmentary disorders. Every description is accompanied by a broad range of images of a particular disease or disorder, enabling the reader to develop a deeper understanding of both diagnostic and management aspects of skin diseases affecting male genitalia. Atlas of Male Genital Dermatology enables readers to quickly and successfully identify a variety of dermatological disorders that can affect the male genitalia. It provides instruction on how to effectively manage these conditions and is a valuable resource for any physician who encounters these conditions in daily practice.

Modelling Diesel Combustion

This book is intended to serve as a comprehensive reference on the design and development of diesel engines. It talks about combustion and gas exchange processes with important references to emissions and fuel consumption and descriptions of the design of various parts of an engine, its coolants and lubricants,

and emission control and optimization techniques. Some of the topics covered are turbocharging and supercharging, noise and vibrational control, emission and combustion control, and the future of heavy duty diesel engines. This volume will be of interest to researchers and professionals working in this area.

Proceedings of the International Conference on Research and Innovations in Mechanical Engineering

This book presents in-depth information on the state of the art of global biodiesel production and investigates its impact on climate change. Subsequently, it comprehensively discusses biodiesel production in terms of production systems (reactor technologies) as well as biodiesel purification and upgrading technologies. Moreover, the book reviews essential parameters in biodiesel production systems as well as major principles of operation, process control, and trouble-shooting in these systems. Conventional and emerging applications of biodiesel by-products with a view to further economize biodiesel production are also scrutinized. Separate chapters are dedicated to economic risk analysis and critical comparison of biodiesel production systems as well as techno-economical aspects of biodiesel plants. The book also thoroughly investigates the important aspects of biodiesel production and combustion by taking advantage of advanced sustainability analysis tools including life cycle assessment (LCA) and exergy techniques. In

closing, the application of Omics technologies in biodiesel production is presented and discussed. This book is relevant to anyone with an interest in renewable, more sustainable fuel and energy solutions.

Caring to Know

Handbook of Indigenously Manufactured Machinery, Equipment & Explosives for Use in Mines

This book focuses on various aspects related to air pollution, including major sources of air pollution, measurement techniques, modeling studies and solution approaches to control. The book also presents case studies on measuring air pollution in major urban areas, such as Delhi, India. The book examines vehicles as a source of air pollution and addresses the quantitative analysis of engine exhaust emissions. Subsequent chapters discuss particulate matter from engines and coal-fired power plants as a major pollutant, as well as emission control techniques using various after treatment systems. The book's final chapter considers future perspectives and a way forward for sustainable development. It also discusses several emission control techniques that will gain relevance in the future, when stricter emission norms will be enforced for international combustion (IC) engines

as well as power plants. Given its breadth of coverage, the book will benefit a wide variety of readers, including researchers, professionals, and policymakers.

Machinery Lloyd

This book summarizes recent advances in the processing of waste biomass resources to produce biofuels and biochemicals. Worldwide interest in clean energy sources, environmental protection, and mitigating global warming is rapidly gaining momentum and spurring on the search for alternative energy sources, especially for the transportation and industrial sectors. This book reviews the opportunities presented by low-cost organic waste materials, discussing their suitability for alternative fuel and fine chemical production, physicochemical characterization, conversion technologies, feedstock and fuel chemistry, refining technologies, fuel upgrading, residue management, and the circular economy. In addition, it explores applied aspects of biomass conversion by highlighting several significant thermochemical, hydrothermal and biological technologies. In summary, the book offers comprehensive and representative descriptions of key fuel processing technologies, energy conversion and management, waste valorization, eco-friendly waste remediation, biomass supply chain, lifecycle assessment, techno-economic analysis and the circular bioeconomy.

Air Pollution and Control

Since the early 1980s, universities in the United States have greatly expanded their patenting and licensing activities. The Congressional Joint Economic Committee, among other authorities, have argued that this surge contributed to the economic boom of the 1990s. And, many observers have attributed this trend to the Bayh-Dole Act of 1980. Using quantitative analysis and detailed case studies, this book tests that conventional wisdom and assesses the effects of the Act, examining the diverse channels through which commercialization has occurred over the 20th century and since the passage of the Act.

Madhya Pradesh: Narsimhapur. Supplement

This book presents select proceedings of the International Conference on Future Learning Aspects of Mechanical Engineering (FLAME 2018). The book discusses interdisciplinary areas such as automobile engineering, mechatronics, applied and structural mechanics, bio-mechanics, biomedical instrumentation, ergonomics, biodynamic modeling, nuclear engineering, agriculture engineering, and farm machineries. The contents of the book will benefit both researchers and professionals.

Two-Phase Flow for Automotive and Power Generation Sectors

Humans generate millions of tons of waste every day. This waste is rich in water, nutrients, energy and organic compounds. Yet waste is not being managed in a way that permits us to derive value from its reuse, whilst millions of farmers struggle with depleted soils and lack of water. This book shows how Resource Recovery and Reuse (RRR) could create livelihoods, enhance food security, support green economies, reduce waste and contribute to cost recovery in the sanitation chain. While many RRR projects fully depend on subsidies and hardly survive their pilot phase, hopeful signs of viable approaches to RRR are emerging around the globe including low- and middle-income countries. These enterprises or projects are tapping into entrepreneurial initiatives and public- private partnerships, leveraging private capital to help realize commercial or social value, shifting the focus from treatment for waste disposal to treatment of waste as a valuable resource for safe reuse. The book provides a compendium of business options for energy, nutrients and water recovery via 24 innovative business models based on an in-depth analysis of over 60 empirical cases, of which 47 from around the world are described and evaluated in a systematic way. The focus is on organic municipal, agro-industrial and food waste, including fecal sludge, supporting a diverse range of business models with potential for large-scale out-and up-scaling.

India's New Capitalists

Bio-Geotechnologies for Mine Site Rehabilitation deals with the biological, physical, chemical, and engineering approaches necessary for the reclamation of mine waste. As mining has negative effects on natural resources and deteriorates the quality of the surrounding environment, this book provides coverage across different types of mining industries, which are currently creating industrial deserts overloaded with technogenic waste. The book offers cost-effective strategies and approaches for contaminated sites, along with remediation and rehabilitation methods for contaminated soils and waste dumps. It is an essential resource for students and academics, but is also ideal for applied professionals in environmental geology, mineral geologists, biotechnologists and policymakers. Deals with global and holistic approaches of abandoned mine land rehabilitation Includes mine waste rehabilitation case studies from around the world Covers integrated technologies, such as bioremediation of metalliferous soil Provide strategies for sustainable ecosystems on mine spoil dumps Offers novel methods for the remediation of acid mine drainage

Obesity, Bariatric and Metabolic Surgery

Techno-Societal 2018

Resource Recovery from Waste

The National Agricultural Directory 2009

Phenomenology of Diesel Combustion and Modeling Diesel is the most efficient combustion engine today and it plays an important role in transport of goods and passengers on land and on high seas. The emissions must be controlled as stipulated by the society without sacrificing the legendary fuel economy of the diesel engines. These important drivers caused innovations in diesel engineering like re-entrant combustion chambers in the piston, lower swirl support and high pressure injection, in turn reducing the ignition delay and hence the nitric oxides. The limits on emissions are being continually reduced. The- fore, the required accuracy of the models to predict the emissions and efficiency of the engines is high. The phenomenological combustion models based on physical and chemical description of the processes in the engine are practical to describe diesel engine combustion and to carry out parametric studies. This is because the injection process, which can be relatively well predicted, has the dominant effect on mixture

formation and subsequent course of combustion. The need for improving these models by incorporating new developments in engine designs is explained in Chapter 2. With “model based control programs” used in the Electronic Control Units of the engines, phenomenological models are assuming more importance now because the detailed CFD based models are too slow to be handled by the Electronic Control Units. Experimental work is necessary to develop the basic understanding of the processes.

Nano-Energetic Materials

This book includes selected, high-quality papers presented at the International Conference on Intelligent Manufacturing and Energy Sustainability (ICIMES 2019) held at the Department of Mechanical Engineering, Malla Reddy College of Engineering & Technology (MRCET), Maisammaguda, Hyderabad, India, from 21 to 22 June 2019. It covers topics in the areas of automation, manufacturing technology and energy sustainability.

Moody's International Manual

In recent years, China and India have become the most important economic partners of Africa and their footprints are growing by leaps and bounds,

transforming Africa's international relations in a dramatic way. Although the overall impact of China and India's engagement in Africa has been positive in the short-term, partly as a result of higher returns from commodity exports fuelled by excessive demands from both countries, little research exists on the actual impact of China and India's growing involvement on Africa's economic transformation. This book examines in detail the opportunities and challenges posed by the increasing presence of China and India in Africa, and proposes critical interventions that African governments must undertake in order to negotiate with China and India from a stronger and more informed platform.

Setting up and running a small-scale cooking oil business

This book gathers selected high-quality research papers presented at the IconSWM 2018 conference, which explore various aspects of urban mining. In addition, they discuss how to achieve sustainable waste management systems, urban mining, landfill mining, material recovery, circular economy, etc., with the aid of effective waste management practices. Additional topics covered include maximum resource circulation and efficiency, key differences between landfill mining and urban mining, and how urban mining can be combined with the concepts of circular economy and sustainability.

Mergent Industrial Manual

This volume discusses recent advancements to the age old practice of using microbial enzymes in the preparation of food. Written by leading experts in the field, it discusses novel enzymes and their applications in the industrial preparation of food to improve taste and texture, while reducing cost and increasing consistency. This book will be of interest to both researchers and students working in food technology.

British Books

In order to do business effectively in contemporary South Asia, it is necessary to understand the culture, the ethos, and the region's new trading communities. In tracing the modern-day evolution of business communities in India, this book uses social history to systematically document and understand India's new entrepreneurial groups.

Power Electronics and Renewable Energy Systems

Seeing is Understanding. The first VISUAL guide to marine diesel systems on recreational boats. Step-by-step instructions in clear, simple drawings explain how

to maintain, winterize and recommission all parts of the system - fuel deck fill - engine - batteries - transmission - stern gland - propeller. Book one of a new series. Canadian author is a sailor and marine mechanic cruising aboard his 36-foot steel-hulled Chevrier sloop. Illustrations: 300+ drawings Pages: 222 pages Published: 2017 Format: softcover Category: Inboards, Gas & Diesel

Marine Diesel Basics 1

The manuscript explores the plausibility of care-based epistemology in a comparative key. Investigating the epistemic virtue of care-giving, the work weaves together insights from care ethics, virtue epistemology and a particular reading of the Mah=abh=arata which, left to themselves, do not appear compatible with one another. Drawing on these traditions, the work goes on to provide a feminist vision of search for truth that is consistent with both ethicalrelations and interventions for justice.

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