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### **KEY=KOLKATA - ROLLINS FITZPATRICK**

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### **GLOBAL WASTE MANAGEMENT OUTLOOK**

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*UN* The UNEP Governing Council of February 2013 requested the United Nations Environment Programme "to develop a global outlook of challenges, trends and policies in relation to waste prevention, minimization and management, taking into account the materials life cycle, subject to the availability of extra-budgetary resources and in consultation with Governments and stakeholders, building on available data, best practices and success stories, taking into account the Global Chemicals Outlook and any other relevant initiatives and taking care not to duplicate existing information, to provide guidance for national policy planning." UNEP's International Environmental Technology Centre (IETC), in collaboration with the International Solid Waste Association (ISWA), has taken the lead on this initiative; aiming to develop the Global Waste Management Outlook as a tool to provide an authoritative overview, analysis and recommendations for action of policy instruments and financing models for waste management. The GWMO is the result of two year's work and provides the first comprehensive global overview of the state of waste management around the world in the 21st century.

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### **ECONOPHYSICS**

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### **AN INTRODUCTION**

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*John Wiley & Sons* Filling the gap for an up-to-date textbook in this relatively new interdisciplinary research field, this volume provides readers with a thorough and comprehensive introduction. Based on extensive teaching experience, it includes numerous worked examples and highlights in special biographical boxes some of the most outstanding personalities and their contributions to both physics and economics. The whole is rounded off by several appendices containing important background material.

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### **GLOBAL BUSINESS STRATEGY**

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### **MULTINATIONAL CORPORATIONS VENTURING INTO EMERGING MARKETS**

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*Springer* 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.

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### **AN INTRODUCTION TO GLOBAL STUDIES**

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*John Wiley & Sons* Taking an interdisciplinary approach, An Introduction to Global Studies presents readers with a solid introduction to the complex, interconnected forces and issues confronting today's globalized world. Introduces readers to major theories, key terms, concepts, and notable theorists Equips readers with the basic knowledge and conceptual tools necessary for thinking critically about the complex issues facing the global community Includes a variety of supplemental features to facilitate learning and enhance readers' understanding of the material

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## **EMERGING TECHNOLOGIES IN DATA MINING AND INFORMATION SECURITY**

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### **PROCEEDINGS OF IEMIS 2018, VOLUME 3**

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*Springer* The book features research papers presented at the International Conference on Emerging Technologies in Data Mining and Information Security (IEMIS 2018) held at the University of Engineering & Management, Kolkata, India, on February 23-25, 2018. It comprises high-quality research by academics and industrial experts in the field of computing and communication, including full-length papers, research-in-progress papers, case studies related to all the areas of data mining, machine learning, IoT and information security.

### **THE PERFORMANCE ECONOMY**

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*Springer* This updated and revised edition outlines strategies and models for how to use technology and knowledge to improve performance, create jobs and increase income. It shows what skills will be required to produce, sell and manage performance over time, and how manual jobs can contribute to reduce the consumption of non-renewable resources.

### **ADMINISTERING DATA CENTERS**

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#### **SERVERS, STORAGE, AND VOICE OVER IP**

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*John Wiley & Sons* "This book covers a wide spectrum of topics relevant to implementing and managing a modern data center. The chapters are comprehensive and the flow of concepts is easy to understand." -Cisco reviewer Gain a practical knowledge of data center concepts To create a well-designed data center (including storage and network architecture, VoIP implementation, and server consolidation) you must understand a variety of key concepts and technologies. This book explains those factors in a way that smoothes the path to implementation and management. Whether you need an introduction to the technologies, a refresher course for IT managers and data center personnel, or an additional resource for advanced study, you'll find these guidelines and solutions provide a solid foundation for building reliable designs and secure data center policies. \* Understand the common causes and high costs of service outages \* Learn how to measure high availability and achieve maximum levels \* Design a data center using optimum physical, environmental, and technological elements \* Explore a modular design for cabling, Points of Distribution, and WAN connections from ISPs \* See what must be considered when consolidating data center resources \* Expand your knowledge of best practices and security \* Create a data center environment that is user- and manager-friendly \* Learn how high availability, clustering, and disaster recovery solutions can be deployed to protect critical information \* Find out how to use a single network infrastructure for IP data, voice, and storage

### **ADVANCES IN MANUFACTURING, PRODUCTION MANAGEMENT AND PROCESS CONTROL**

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#### **PROCEEDINGS OF THE AHFE 2020 VIRTUAL CONFERENCES ON HUMAN ASPECTS OF ADVANCED MANUFACTURING, ADVANCED PRODUCTION MANAGEMENT AND PROCESS CONTROL, AND ADDITIVE MANUFACTURING, MODELING SYSTEMS AND 3D PROTOTYPING, JULY 16-20, 2020, USA**

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*Springer Nature* This book discusses the latest advances in the broadly defined field of advanced manufacturing and process control. It reports on cutting-edge strategies for sustainable production and product life cycle management, and on a variety of people-centered issues in the design, operation and management of manufacturing systems and processes. Further, it presents digital modeling systems and additive manufacturing technologies, including advanced applications for different purposes, and discusses in detail the implementation of and challenges imposed by 3D printing technologies. Based on three AHFE 2020 Conferences (the AHFE 2020 Virtual Conference on Human Aspects of Advanced Manufacturing, the AHFE 2020 Virtual Conference on Advanced Production Management and Process Control and the AHFE 2020 Virtual Conference on Additive Manufacturing, Modeling Systems and 3D Prototyping, the book merges ergonomics research, design applications, and up-to-date analyses of various engineering processes. It brings together experimental studies, theoretical methods and best practices, highlights future trends and suggests directions for further technological developments and the improved integration of technologies and humans in the manufacturing industry.

### **TEXTBOOK ON PROFESSIONAL ETHICS AND HUMAN VALUES**

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*New Age International*

### **INDIA'S CONTEMPORARY SECURITY CHALLENGES**

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"Woodrow Wilson International Center for Scholars, Asia Program."

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**MEDICINAL PLANTS AND NATURAL PRODUCT RESEARCH**

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*MDPI* The book entitled Medicinal Plants and Natural Product Research describes various aspects of ethnopharmacological uses of medicinal plants; extraction, isolation, and identification of bioactive compounds from medicinal plants; various aspects of biological activity such as antioxidant, antimicrobial, anticancer, immunomodulatory activity, etc., as well as characterization of plant secondary metabolites as active substances from medicinal plants.

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**TIMELINES OF NEARLY EVERYTHING**

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*Manjunath.R* This book takes readers back and forth through time and makes the past accessible to all families, students and the general reader and is an unprecedented collection of a list of events in chronological order and a wealth of informative knowledge about the rise and fall of empires, major scientific breakthroughs, groundbreaking inventions, and monumental moments about everything that has ever happened.

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**OFFSHORING STRATEGIES**

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**EVOLVING CAPTIVE CENTER MODELS**

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*MIT Press* The evolution of a rapidly growing mode of offshoring, captive centers: basic models, strategies, and case studies of Fortune Global 250 firms. In today's globalized economy, firms often consider offshoring when confronted by rising costs and fierce competition. One mode of offshoring has continued to grow despite the current global economic turmoil: the captive center. Captive centers are offshore subsidiaries or branch offices that provide the parent company with services, usually in the form of back-office activities. In *Offshoring Strategies*, Ilan Oshri examines the evolution of the captive center. He identifies basic captive center models, examines the captive center strategies pursued by Fortune Global 250 firms, describes current captive center trends, and offers detailed individual case studies that illustrate each model. His analysis highlights the strategic paths available to firms that want to maximize the returns offered by captive centers. Oshri outlines six models for captive centers that range from the basic wholly owned branch office to hybrids and joint ventures and identifies evolutionary paths along which the basic model develops. He analyzes firms' strategies during initial set-up, then tracks the changes as strategies evolve to meet different business needs. The case studies, all based on the Fortune Global 250, include the development of a basic captive unit into a complex hybrid structure; the evolution a captive center into a shared service center offering services to other international firms; the divestment of a captive center to a private equity firm; and the migration of a captive center to a location where costs were lower.

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**THE JAPANESE ENTERPRISE SYSTEM**

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**COMPETITIVE STRATEGIES AND COOPERATIVE STRUCTURES**

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*Oxford University Press* This volume merges four streams of inquiry and interpretation in a study of the evolution and emergence of Japan's leading industrial firms during the twentieth century. First, it is a historical study of how the industrial institutions of modern Japan appeared and matured. Second, it is an organization study of the basic forms of social and economic interaction in Japan. Third, it is a development study of how circumstances of rapid technical and economic change have shaped the Japanese business system. It is also a strategy study of how Japanese managers have responded to and shaped these circumstances. This fourfold synthesis offers a model of institutional development under conditions of late economic development and private initiative that falls somewhere between a capitalist development state and a free market economy. Business policy rather than industrial policy is accentuated, revealing a set of robust institutions and a dynamic to activate and interrelate them.

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**BUSINESS WORLD**

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**HUMAN INTERACTION, EMERGING TECHNOLOGIES AND FUTURE APPLICATIONS III**

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**PROCEEDINGS OF THE 3RD INTERNATIONAL CONFERENCE ON HUMAN INTERACTION AND EMERGING TECHNOLOGIES: FUTURE APPLICATIONS (IHET 2020), AUGUST 27-29, 2020, PARIS, FRANCE**

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*Springer Nature* This book reports on research and developments in human-technology interaction. A special emphasis is given to human-computer interaction, and its implementation for a wide range of purposes such as healthcare, aerospace, telecommunication, and education, among others. The human aspects are analyzed in detail. Timely studies on human-centered design, wearable technologies,

social and affective computing, augmented, virtual and mixed reality simulation, human rehabilitation and biomechanics represent the core of the book. Emerging technology applications in business, security, and infrastructure are also critically examined, thus offering a timely, scientifically-grounded, but also professionally-oriented snapshot of the current state of the field. The book is based on contributions presented at the 3rd International Conference on Human Interaction and Emerging Technologies: Future Applications, IHET 2020, held on August 27-29, 2020. It offers a timely survey and a practice-oriented reference guide to researchers and professionals dealing with design and/or management of the new generation of service systems.

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### **TWELVE YEARS A SLAVE**

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*Prabhat Prakashan* "Having been born a freeman, and for more than thirty years enjoyed the blessings of liberty in a free State—and having at the end of that time been kidnapped and sold into Slavery, where I remained, until happily rescued in the month of January, 1853, after a bondage of twelve years—it has been suggested that an account of my life and fortunes would not be uninteresting to the public." -an excerpt

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### **THE WEB OF TRANSPORT CORRIDORS IN SOUTH ASIA**

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*World Bank Publications* The WEB of Transport Corridors in South Asia develops a holistic appraisal methodology to ensure that economic benefits of investments in transport corridors are amplified and more widely spread, and possible negative impacts such as congestion, environmental degradation, and other unintended consequences are minimized. It focuses on South Asia—not only as one of the world's most populous and poorest regions—but as a hinge between East Asia, Central Asia, the Middle East, and Europe. The book is aimed at politicians, technocrats, civil society organizations, and businesses. It presents case studies of past and recent corridor initiatives, provides rigorous analysis of the literature on the spatial impact of corridors, and offers assessments of corridor investment projects supported by international development organizations. A series of spotlights examines such issues as private sector co-investment; the impacts of corridors on small enterprises and women; and issues with implementing cross-border corridors. The 'WEB' in the title stands for both the wider economic benefits (WEB) that transport corridors are expected to generate and the complex web of transport corridors that has been proposed. The appraisal methodology introduced in this book shows how the web of interconnected elements around corridors can be disentangled and the most promising corridor proposals—the ones with the greatest wider economic benefits—can be selected.

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### **TRANSNATIONAL CORPORATIONS AND LOCAL INNOVATION**

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### **BRICS NATIONAL SYSTEMS OF INNOVATION**

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*Taylor & Francis* This series of books brings together results of an intensive research programme on aspects of the national systems of innovation (NSI) in the five BRICS countries — Brazil, Russia, India, China, and South Africa. It provides a comprehensive and comparative examination of the challenges and opportunities faced by these dynamic and emerging economies. In discussing the impact of innovation with respect to economic, geopolitical, socio-cultural, institutional, and technological systems, it reveals the possibilities of new development paradigms for equitable and sustainable growth. This volume explores the relationship between transnational corporations (TNCs) and NSI across BRICS economies. The essays highlight the role of foreign direct investment (FDI), the evolution of TNCs and examine local factors — such as government policies, human resources, market structures, and technological capabilities — that affect collaborative efforts with indigenous firms towards innovation and development. The authors approach the thesis of technological globalisation with some caution, refuting the idea that research and development (R&D) activities have been inexorably internationalised. Original and detailed data, together with expert analyses on wide-ranging issues, make this book an invaluable resource for researchers and scholars in economics, development studies and political science, in addition to policy makers and development practitioners interested in the BRICS countries.

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### **BLACKSTONE'S GUIDE TO THE PROTECTION FROM HARASSMENT ACT 1997**

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*Wm Gaunt & Sons* Covers many types of public order and personal dispute situations such as industrial strikes, neighbourhood disputes, investigative reporters and bullying at work. Includes a copy of the Act.

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### **DEEP PURPOSE**

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### **THE HEART AND SOUL OF HIGH-PERFORMANCE COMPANIES**

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*HarperCollins Thinkers50* Top 10 Best New Management Books for 2022 A distinguished Harvard Business School professor offers a compelling reassessment and defense of purpose as a management

ethos, documenting the vast performance gains and social benefits that become possible when firms manage to get purpose right. Few business topics have aroused more skepticism in recent years than the notion of corporate purpose, and for good reason. Too many companies deploy purpose, or a reason for being, as a promotional vehicle to make themselves feel virtuous and to look good to the outside world. Some have only foggy ideas about what purpose is and conflate it with strategy and other concepts like “mission,” “vision,” and “values.” Even well-intentioned leaders don’t understand purpose’s full potential and engage half-heartedly and superficially with it. Outsiders spot this and become cynical about companies and the broader capitalist endeavor. Having conducted extensive field research, Ranjay Gulati reveals the fatal mistakes leaders unwittingly make when attempting to implement a reason for being. Moreover, he shows how companies can embed purpose much more deeply than they currently do, delivering impressive performance benefits that reward customers, suppliers, employees, shareholders, and communities alike. To get purpose right, leaders must fundamentally change not only how they execute it but also how they conceive of and relate to it. They must practice what Gulati calls deep purpose, furthering each organization’s reason for being more intensely, thoughtfully, and comprehensively than ever before. In this authoritative, accessible, and inspiring guide, Gulati takes readers inside some of the world’s most purposeful companies to understand the secrets to their successes. He explores how leaders can pursue purpose more deeply by navigating the inevitable tradeoffs more deliberately and effectively to balance between short- and long-term value; building purpose more systematically into every key organizational function to mobilize stakeholders and enhance performance; updating organizations to foster more autonomy and collaboration, which in turn allow individual employees to work more purposefully; using powerful storytelling to communicate a reason for being, arousing emotions and building a community of inspired and committed stakeholders; and building cultures that don’t merely support purpose, but also allow employees to link the corporate purpose to their own personal reasons for being. As Gulati argues, a deeper engagement with purpose holds the key not merely to the well-being of individual companies but also to humanity’s future. With capitalism under siege and relatively low levels of trust in business, purpose can serve as a radically new operating system for the enterprise, enhancing performance while also delivering meaningful benefits to society. It’s the kind of inspired thinking that businesses—and the rest of us—urgently need.

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## **TECHNO-SOCIETAL 2020**

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### **PROCEEDINGS OF THE 3RD INTERNATIONAL CONFERENCE ON ADVANCED TECHNOLOGIES FOR SOCIETAL APPLICATIONS—VOLUME 2**

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*Springer Nature* This book, divided in two volumes, originates from Techno-Societal 2020: the 3rd 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 of this volume is on technologies that help develop and improve society, in particular on issues such as advanced and sustainable technologies for manufacturing processes, environment, livelihood, rural employment, agriculture, 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.

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## **FUNDAMENTALS OF COMMUNICATION SYSTEMS**

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For one- or two-semester, senior-level undergraduate courses in Communication Systems for Electrical and Computer Engineering majors. This text introduces the basic techniques used in modern communication systems and provides fundamental tools and methodologies used in the analysis and design of these systems. The authors emphasize digital communication systems, including new generations of wireless communication systems, satellite communications, and data transmission networks. A background in calculus, linear algebra, basic electronic circuits, linear system theory, and probability and random variables is assumed.

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## **THE AGE OF GUNPOWDER**

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### **AN ERA OF TECHNOLOGICAL, TACTICAL, STRATEGIC, AND LEADERSHIP INNOVATIONS**

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*Createspace Independent Publishing Platform* Spanning continents, from Japan and the Korean peninsula, across Asia to Europe and the Americas, this volume of Emory Endeavors in History focuses on the role gunpowder technology and its diffusion played in the great divergence between the East and the West. It joins in the conversation between Traditionalists and Revisionists, adding insight to this burgeoning field.

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## **THE QUANTIFIED SELF IN PRECARITY**

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## **WORK, TECHNOLOGY AND WHAT COUNTS**

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*Routledge* Humans are accustomed to being tool bearers, but what happens when machines become tool bearers, calculating human labour via the use of big data and people analytics by metrics? The *Quantified Self in Precarity* highlights how, whether it be in insecure 'gig' work or office work, such digitalisation is not an inevitable process - nor is it one that necessarily improves working conditions. Indeed, through unique research and empirical data, Moore demonstrates how workplace quantification leads to high turnover rates, workplace rationalisation and worker stress and anxiety, with these issues linked to increased rates of subjective and objective precarity. Scientific management asked us to be efficient. Now, we are asked to be agile. But what does this mean for the everyday lives we lead? With a fresh perspective on how technology and the use of technology for management and self-management changes the 'quantified', precarious workplace today, *The Quantified Self in Precarity* will appeal to undergraduate and postgraduate students interested in fields such as Science and Technology, Organisation Management, Sociology and Politics.

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## **HIGHER EDUCATION IN THE ERA OF THE FOURTH INDUSTRIAL REVOLUTION**

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*Springer* This open access collection examines how higher education responds to the demands of the automation economy and the fourth industrial revolution. Considering significant trends in how people are learning, coupled with the ways in which different higher education institutions and education stakeholders are implementing adaptations, it looks at new programs and technological advances that are changing how and why we teach and learn. The book addresses trends in liberal arts integration of STEM innovations, the changing role of libraries in the digital age, global trends in youth mobility, and the development of lifelong learning programs. This is coupled with case study assessments of the various ways China, Singapore, South Africa and Costa Rica are preparing their populations for significant shifts in labour market demands - shifts that are already underway. Offering examples of new frameworks in which collaboration between government, industry, and higher education institutions can prevent lagging behind in this fast changing environment, this book is a key read for anyone wanting to understand how the world should respond to the radical technological shifts underway on the frontline of higher education.

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## **INTERNATIONAL CONFERENCE ON INNOVATIVE COMPUTING AND COMMUNICATIONS**

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### **PROCEEDINGS OF ICICC 2021, VOLUME 3**

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*Springer Nature* This book includes high-quality research papers presented at the Fourth International Conference on Innovative Computing and Communication (ICICC 2021), which is held at the Shaheed Sukhdev College of Business Studies, University of Delhi, Delhi, India, on February 20-21, 2021. Introducing the innovative works of scientists, professors, research scholars, students and industrial experts in the field of computing and communication, the book promotes the transformation of fundamental research into institutional and industrialized research and the conversion of applied exploration into real-time applications.

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## **DIGITAL SCIENCE**

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### **DSIC 2021**

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*Springer Nature* This book gathers selected papers that were submitted to the 2021 International Conference on Digital Science (DSIC 2021) that aims to make available the discussion and the publication of papers on all aspects of single and multidisciplinary research on conference topics. DSIC 2021 was held on October 15-17, 2021. An important characteristic feature of conference is the short publication time and worldwide distribution. Written by respected researchers, the book covers a range of innovative topics related to: digital economics; digital education; digital engineering; digital environmental sciences; digital finance, business and banking; digital health care, hospitals and rehabilitation; digital media; digital medicine, pharma and public health; digital public administration; digital technology and applied sciences. This book may be used for private and professional non-commercial research and classroom use (e.g., sharing the contribution by mail or in hard copy form with research colleagues for their professional non-commercial research and classroom use); for use in presentations or handouts for any level students, researchers, etc.; for the further development of authors' scientific career (e.g., by citing, and attaching contributions to job or grant application).

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## **STAR POWER**

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### **ITER AND THE INTERNATIONAL QUEST FOR FUSION ENERGY**

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*MIT Press* A concise and accessible explanation of the science and technology behind the domestication of nuclear fusion energy. Nuclear fusion research tells us that the Sun uses one gram of hydrogen to

make as much energy as can be obtained by burning eight tons of petroleum. If nuclear fusion—the process that makes the stars shine—could be domesticated for commercial energy production, the world would gain an inexhaustible source of energy that neither depletes natural resources nor produces greenhouse gases. In *Star Power*, Alan Bécoulet offers a concise and accessible primer on fusion energy, explaining the science and technology of nuclear fusion and describing the massive international scientific effort to achieve commercially viable fusion energy. Bécoulet draws on his work as Head of Engineering at ITER (International Thermonuclear Experimental Reactor) to explain how scientists are trying to “put the sun in a box.” He surveys the history of nuclear power, beginning with post-World War II efforts to use atoms for peaceful purposes and describes how energy is derived from fusion, explaining that the essential principle of fusion is based on the capacity of nucleons (protons and neutrons) to assemble and form structures (atomic nuclei) in spite of electrical repulsion between protons, which all have a positive charge. He traces the evolution of fusion research and development, mapping the generation of electric current through fusion. The ITER project marks a giant step in the development of fusion energy, with the potential to demonstrate the feasibility of a nuclear fusion reactor. *Star Power* offers an introduction to what may be the future of energy production.

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## **INTELLIGENT MANUFACTURING AND ENERGY SUSTAINABILITY**

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### **PROCEEDINGS OF ICIMES 2019**

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*Springer Nature* 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.

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## **THE GUNPOWDER AGE**

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### **CHINA, MILITARY INNOVATION, AND THE RISE OF THE WEST IN WORLD HISTORY**

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*Princeton University Press* The Chinese invented gunpowder and began exploring its military uses as early as the 900s, four centuries before the technology passed to the West. But by the early 1800s, China had fallen so far behind the West in gunpowder warfare that it was easily defeated by Britain in the Opium War of 1839–42. What happened? In *The Gunpowder Age*, Tonio Andrade offers a compelling new answer, opening a fresh perspective on a key question of world history: why did the countries of western Europe surge to global importance starting in the 1500s while China slipped behind? Historians have long argued that gunpowder weapons helped Europeans establish global hegemony. Yet the inhabitants of what is today China not only invented guns and bombs but also, as Andrade shows, continued to innovate in gunpowder technology through the early 1700s—much longer than previously thought. Why, then, did China become so vulnerable? Andrade argues that one significant reason is that it was out of practice fighting wars, having enjoyed nearly a century of relative peace, since 1760. Indeed, he demonstrates that China—like Europe—was a powerful military innovator, particularly during times of great warfare, such as the violent century starting after the Opium War, when the Chinese once again quickly modernized their forces. Today, China is simply returning to its old position as one of the world's great military powers. By showing that China's military dynamism was deeper, longer lasting, and more quickly recovered than previously understood, *The Gunpowder Age* challenges long-standing explanations of the so-called Great Divergence between the West and Asia.

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## **MODERN APPROACHES IN MACHINE LEARNING AND COGNITIVE SCIENCE: A WALKTHROUGH**

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### **LATEST TRENDS IN AI, VOLUME 2**

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*Springer Nature* This book provides a systematic and comprehensive overview of machine learning with cognitive science methods and technologies which have played an important role at the core of practical solutions for a wide scope of tasks between handheld apps, industrial process control, autonomous vehicles, environmental policies, life sciences, playing computer games, computational theory, and engineering development. The chapters in this book focus on readers interested in machine learning, cognitive and neuro-inspired computational systems - theories, mechanisms, and architecture, which underline human and animal behaviour, and their application to conscious and intelligent systems. In the current version, it focuses on the successful implementation and step-by-step explanation of practical applications of the domain. It also offers a wide range of inspiring and interesting cutting-edge contributions to applications of machine learning and cognitive science such as healthcare products, medical electronics, and gaming. Overall, this book provides valuable information on effective, cutting-edge techniques and approaches for students, researchers, practitioners, and academicians working in the field of AI, neural network, machine learning, and cognitive science. Furthermore, the purpose of this book is to address the interests of a broad spectrum of practitioners, students, and researchers, who are interested in applying machine learning and cognitive science methods in their respective domains.

**INDIAN LOCOMOTIVES****HARNESSING PUBLIC RESEARCH FOR INNOVATION IN THE 21ST CENTURY****AN INTERNATIONAL ASSESSMENT OF KNOWLEDGE TRANSFER POLICIES**

*Cambridge University Press* A guide to maximizing the impact of work done at public research institutions and universities to boost innovation and growth.

**TAILORED POLYMERS AND APPLICATIONS**

*CRC Press* This book contains a selection of papers presented at APME '99 ( Third International Symposium on Advanced Polymers via Macromolecular Engineering --- Colonial Williamsburg, VA, USA, July/August 1999). The book focuses on the synthesis of targeted polymers with specific properties using macromolecular architecture. Various controlled polymerization

**TO BE OR NOT TO BE****AMITABH BACHCHAN**

Pictorial biography of Amitabh Bachchan, b. 1942, Hindi film star, brought out on the occasion of his 60th birthday.

**BUILDING GOLDEN INDIA****HOW TO UNLEASH INDIA'S VAST POTENTIAL AND TRANSFORM ITS HIGHER EDUCATION SYSTEM NOW**

*Ons Group Press* Do you care about India and its future? If so, then this recently published and highly acclaimed book is a must read. The author makes the case that we can build a Golden India by unleashing the potential of its 1.3 billion people and transforming its higher education system. Gururaj "Desh" Deshpande, Trustee, Deshpande Foundation, and Life Member, MIT Corporation has written a foreword for the book. Buy a copy for yourself. Give a gift to your friends. Donate to a library.

**HERITAGE TOURISM****AN ANTHROPOLOGICAL JOURNEY TO BISHNUPUR**

*Mittal Publications* Study conducted in Bishnupur subdivision of Bankura District of West Bengal, India.

**NEW FRONTIERS OF THE AUTOMOBILE INDUSTRY****EXPLORING GEOGRAPHIES, TECHNOLOGY, AND INSTITUTIONAL CHALLENGES**

*Springer Nature* Analysing developments in digital technologies and institutional changes, this book provides an overview of the current frenetic state of transformation within the global automobile industry. An ongoing transition brought about by the relocation of marketing, design and production centres to emerging economies, and experimentation with new mobility systems such as electrical, autonomous vehicles, this process poses the question as to how original equipment manufacturers (OEMs) and newcomers can remain competitive and ensure sustainability. With contributions from specialists in the automobile sector, this collection examines the shifts in power and geographical location occurring in the industry, and outlines the key role that public policy has in generating innovation in entrepreneurial states. Offering useful insights into the challenges facing emerging economies in their attempts to grow within the automobile industry, this book will provide valuable reading for those researching internationalization and emerging markets, business strategy and more specifically, the automotive industry.

**EMERGING TECHNOLOGIES IN DATA MINING AND INFORMATION SECURITY**

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**PROCEEDINGS OF IEMIS 2018, VOLUME 2**

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*Springer* The book features research papers presented at the International Conference on Emerging Technologies in Data Mining and Information Security (IEMIS 2018) held at the University of Engineering & Management, Kolkata, India, on February 23–25, 2018. It comprises high-quality research by academics and industrial experts in the field of computing and communication, including full-length papers, research-in-progress papers, case studies related to all the areas of data mining, machine learning, IoT and information security.