

Kindle File Format Engineering Management By Ak Gupta

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Engineering Management-A K Gupta 2014-10 Suitable for engineering and management courses, this book intends to develop an understanding of the basic management concepts required in different engineering disciplines, and meets the specific requirements of students pursuing B Tech/M Tech courses and MBA, Post graduate Diploma in Management/Engineering Management.

MATERIALS MANAGEMENT A SUPPLY CHAIN PERSPECTIVE-A. K. CHITALE 2014-10-01 This textbook, now in its third edition, continues to provide a comprehensive coverage of the different aspects of materials management in a student-friendly manner. The book gives a clear introduction to materials management, and discusses topics such as classification, codification, specifications and standardization of materials, which aid in effective purchasing. In view of their economic importance, materials planning and budgeting too have been covered in sufficient detail. Besides explaining the fundamental principles of stores management and materials handling, the text gives an in-depth analysis of inventory control with several illustrative examples. It also highlights the principles of purchasing, nature of purchasing process, value analysis and quality assurance. Intended primarily for the undergraduate and postgraduate students of production engineering/industrial management and engineering, and postgraduate students of management, this book would also be useful to the practising managers. New to this edition • Incorporates two new chapters on: - Supply Chain Management covering practically all the aspects of SCM - Customer Relationship Management • Includes four new case studies pertaining to inventory control applied to supply chain management

PRODUCT DESIGN AND MANUFACTURING-A. K. CHITALE 2013-11-13 This well-established and widely adopted text, now in its Sixth Edition, continues to provide a comprehensive coverage of the morphology of the design process. It gives a holistic view of product design, which has inputs from diverse fields such as aesthetics, strength analysis, production design, ergonomics, reliability and quality, Taguchi methods and quality with six sigma, and computer applications. The text discusses the importance and objectives of design for environment and describes the various approaches by which a modern, environment-conscious designer goes about the task of design for environment. Many examples have been provided to illustrate the concepts discussed. In this sixth edition, three appendices have been added. Appendix A deals with limits, fits and tolerance along with their applications. Appendix B discusses the use of G and M codes for part programming with illustrative examples. Appendix C explains the advanced concepts of aesthetics. The book is primarily intended as a text for courses in mechanical engineering, production engineering, and industrial design and management. It will also prove handy for practising engineers. Key Features • Provides concepts from material science, which include inputs on ceramics, rubber, polymers and other materials to make the design idea physically realizable. • Uses the modern Concurrent Design concept to satisfy diverse groups/areas such as marketing, vendors, production and quality assurance. • Considers the use of computers while analyzing modern techniques of prototyping, simulation of product and its use. Introduces AI, robots, AGV, PLC and AS/RS in manufacturing automation.

Matrix Variate Distributions-A K Gupta 2018-05-02 Useful in physics, economics, psychology, and other fields, random matrices play an important role in the study of multivariate statistical methods. Until now, however, most of the material on random matrices could only be found scattered in various statistical journals. Matrix Variate Distributions gathers and systematically presents most of the recent developments in continuous matrix variate distribution theory and includes new results. After a review of the essential background material, the authors investigate the range of matrix variate distributions, including: matrix variate normal distribution Wishart distribution Matrix variate t-distribution Matrix variate beta distribution F-distribution Matrix variate Dirichlet distribution Matrix quadratic forms With its inclusion of new results, Matrix Variate Distributions promises to stimulate further research and help advance the field of multivariate statistical analysis.

Engineering Management-Chauhan A S 2017

Engineering Mechanics Lab Manual-Bhoot, M. 2015-09-29 The book has been prepared in the form of a 'complete package' that includes, the experiments which have been written very carefully meeting the standard adopted procedures, descriptive figures that aid the understanding, discussion sections that intrigues the analytical & rational thinking, objective questions portion & a wide reference list for detailed study. The language has been used keeping in view the wide readership which includes students, demonstrators, lecturers, field personnel & others. The selection of the experiments has been done very precisely, incorporating the very important ones from the subject.

Civil Engineer's Reference Book-L S Blake 2013-10-22 Civil Engineer's Reference Book, Fourth Edition provides civil engineers with reports on design and construction practices in the UK and overseas. It gives a concise presentation of theory and practice in the many branches of a civil engineer's profession and it enables them to study a subject in greater depth. The book discusses some improvements in earlier practices, for example in surveying, geotechnics, water management, project management, underwater working, and the control and use of materials. Other changes covered are from the evolving needs of clients for almost all forms of construction, maintenance and repair. Another major change is the introduction of new national and Euro-codes based on limit state design, covering most aspects of structural engineering. The fourth edition incorporates these advances and, at the same time, gives greater prominence to the special problems relating to work overseas, with differing client requirements and climatic conditions. Chapters 1 to 10 provide engineers, at all levels of development, with 'lecture notes' on the basic theories of civil engineering. Chapters 11 to 44 cover the practice of design and construction in many of the fields of civil engineering. Civil engineers, architects, lawyers, mechanical engineers, insurers, clients, and students of civil engineering will find benefit in the use of this text.

Reliability, Maintenance and Safety Engineering-A. K. Gupta 2009

System Reliability Management-Adarsh Anand 2018-09-21 This book provides the latest research advances in the field of system reliability assurance and engineering. It contains reference material for applications of reliability in system engineering, offering a theoretical sound background with adequate numerical illustrations. Included are concepts pertaining to reliability analysis, assurance techniques and methodologies, tools, and practical applications of system reliability modeling and allocation. The collection discusses various soft computing techniques like artificial intelligence and particle swarm optimization approach for reliability assessment. Importance of differentiating between the optimal release time and testing stop time of the software has been explicitly discussed and presented in the book. Features: Creates understanding of the costs associated with complex systems Covers reliability measurement of engineering systems Incorporates an efficient effort-based expenditure policy incorporating cost and reliability criteria Provides information for optimal testing stop and release time of software system Presents software performance and security layout Addresses reliability prediction and its maintenance through advanced analytics techniques Overall, System Reliability Management: Solutions and Techniques is a collaborative and interdisciplinary approach for better communication of problems and solutions to increase the performance of the system for better utilization and resource management.

Fluoride in Drinking Water-A.K. Gupta 2016-04-05 Explore the Health Effects of Fluoride Pollution Fluoride in Drinking Water: Status, Issues, and Solutions establishes the negative impacts of naturally occurring fluoride on human health and considers the depth and scope of fluoride pollution on an international scale. The book discusses current global water quality and fluoride-related issues and draws overall awareness to the problems associated with fluoride in drinking water. Utilizing recent scientific studies to examine the current status of fluoride pollution, it provides a fundamental understanding of fluorosis, describes health problems associated with fluorosis, and discusses viable scientific solutions. The book places special emphasis on India, Africa, China, and other countries deeply affected by fluoride pollution. A single, comprehensive source covering health issues related to fluoride and its effect on humans, this book: Compiles information from scientific literature on the state of fluoride pollution Characterizes the human impacts of fluorosis Provides a comparative evaluation of

technologies used for defluoridation Gives a comprehensive account of human health effects with appropriate scientific descriptions and photographs Includes detailed descriptions on the geochemistry of fluoride entry into groundwater aquifers Presents a case study that deals with the successful removal of fluoride from drinking water A vital resource for environmental and public health officials as well as academic researchers in the area, Fluoride in Drinking Water: Status, Issues, and Solutions covers human health issues associated with fluoride-rich water and describes relevant techniques for defluoridation that can be used to overcome the stress, issues, and challenges of natural fluoride in drinking water.

Handbook of Beta Distribution and Its Applications-Arjun K. Gupta 2004-06-21 A milestone in the published literature on the subject, this first-ever Handbook of Beta Distribution and Its Applications clearly enumerates the properties of beta distributions and related mathematical notions. It summarizes modern applications in a variety of fields, reviews up-and-coming progress from the front lines of statistical research and practice, and demonstrates the applicability of beta distributions in fields such as economics, quality control, soil science, and biomedicine. The book discusses the centrality of beta distributions in Bayesian inference, the beta-binomial model and applications of the beta-binomial distribution, and applications of Dirichlet integrals.

Qualitative Research in Management-Rajen K. Gupta 2015-03-25 This book is the first of its kind on qualitative research in management in the Indian context. It covers the philosophy and practice of qualitative research, and presents the journeys of 10 management scholars who describe their experiences of doing qualitative research while explaining their choice of varied methods. Both aspiring and experienced management researchers will find it an invaluable resource.

Industrial Automation and Robotics-A.K. Gupta 2016-11-14 The purpose of this book is to present an introduction to the multidisciplinary field of automation and robotics for industrial applications. The companion files include numerous video tutorial projects and a chapter on the history and modern applications of robotics. The book initially covers the important concepts of hydraulics and pneumatics and how they are used for automation in an industrial setting. It then moves to a discussion of circuits and using them in hydraulic, pneumatic, and fluidic design. The latter part of the book deals with electric and electronic controls in automation and final chapters are devoted to robotics, robotic programming, and applications of robotics in industry. eBook Customers: Companion files are available for downloading with order number/proof of purchase by writing to the publisher at info@merclearning.com. Features: * Begins with introductory concepts on automation, hydraulics, and pneumatics * Covers sensors, PLC's, microprocessors, transfer devices and feeders, robotic sensors, robotic grippers, and robot programming

Reverse Engineering of Rubber Products-Saikat Das Gupta 2013-09-19 Reverse engineering is widely practiced in the rubber industry. Companies routinely analyze competitors' products to gather information about specifications or compositions. In a competitive market, introducing new products with better features and at a faster pace is critical for any manufacturer. Reverse Engineering of Rubber Products: Concepts, Tools, and Techniques explains the principles and science behind rubber formulation development by reverse engineering methods. The book describes the tools and analytical techniques used to discover which materials and processes were used to produce a particular vulcanized rubber compound from a combination of raw rubber, chemicals, and pigments. A Compendium of Chemical, Analytical, and Physical Test Methods Organized into five chapters, the book first reviews the construction of compounding ingredients and formulations, from elastomers, fillers, and protective agents to vulcanizing chemicals and processing aids. It then discusses chemical and analytical methods, including infrared spectroscopy, thermal analysis, chromatography, and microscopy. It also examines physical test methods for visco-elastic behavior, heat aging, hardness, and other features. A chapter presents important reverse engineering concepts. In addition, the book includes a wide variety of case studies of formula reconstruction, covering large products such as tires and belts as well as smaller products like seals and hoses. Get Practical Insights on Reverse Engineering from the Book's Case Studies Combining scientific principles and practical advice, this book brings together helpful insights on reverse engineering in the rubber industry. It is an invaluable reference for scientists, engineers, and researchers who want to produce comparative benchmark information, discover formulations used throughout the industry, improve product performance, and shorten the product development cycle.

Lean Six Sigma for Engineers and Managers-Matthew John Franchetti 2015-03-16 An in-depth introduction, Lean Six Sigma for Engineers and Managers: With Applied Case Studies presents a detailed road map and industry examples to help you understand and implement the LSS system. It discusses the LSS process to define improvement needs, measure current business performance, analyze performance results using statistical tools, im

Pharmaceutics-I-A. K. Gupta 2019-05-30 This practical manual contains 31 exercises covering all topics included in pharmaceutics courses. The content is discussed in very simple language and intense detail. At the end of the manual a few pages have been left blank for notes to be made by students. The page facing every exercise has also been left blank and students can write calculations, methods of preparation in their own language etc. on these pages.

Real-World Software Projects for Computer Science and Engineering Students-Varun Gupta 2021-02-24 Developing projects outside of a classroom setting can be intimidating for students and is not always a seamless process. Real-World Software Projects for Computer Science and Engineering Students is a quick, easy source for tackling such issues. Filling a critical gap in the research literature, the book: Is ideal for academic project supervisors. Helps researchers conduct interdisciplinary research. Guides computer science students on undertaking and implementing research-based projects This book explains how to develop highly complex, industry-specific projects touching on real-world complexities of software developments. It shows how to develop projects for students who have not yet had the chance to gain real-world experience, providing opportunity to become familiar with the skills needed to implement projects using standard development methodologies. The book is also a great source for teachers of undergraduate students in software engineering and computer science as it can help students prepare for the risk and uncertainty that is typical of software development in industrial settings.

Project Management, Planning and Control-Albert Lester 2007 A comprehensive book on project management, covering all principles and methods with fully worked examples, this book includes both hard and soft skills for the engineering, manufacturing and construction industries. Ideal for engineering project managers considering obtaining a Project Management Professional (PMP) qualification, this book covers in theory and practice, the complete body of knowledge for both the Project Management Institute (PMI) and the Association of Project Management (APM). Fully aligned with the latest 2005 updates to the exam syllabi, complete with online sample Q&A, and updated to include the latest revision of BS 6079 (British Standards Institute Guide to Project Management in the Construction Industry), this book is a complete and valuable reference for anyone serious about project management. • The complete body of knowledge for project management professionals in the engineering, manufacturing and construction sectors • Covers all hard and soft topics in both theory and practice for the newly revised PMP and APMP qualification exams, along with the latest revision of BS 6079 standard on project management in the construction industry • Written by a qualified PMP exam accreditator and accompanied by online Q&A resources for self-testing

Reliability Analysis with Minitab-Kishore Kumar Pochampally 2016-03-23 Statistical Analysis for the Reliability Engineering Professional Effectively conduct reliability analysis using the world's leading statistical software. Reliability Analysis with Minitab outlines statistical concepts and applications, explains the theory of probability, reliability analysis, and quality improvement, and provides step-by-step instr

Parametric Statistical Change Point Analysis-Jie Chen 2013-11-11 Recently there has been a keen interest in the statistical analysis of change point detection and estimation. Mainly, it is because change point problems can be encountered in many disciplines such as economics, finance, medicine, psychology, geology, literature, etc., and even in our daily lives. From the statistical point of view, a change point is a place or time point such that the observations follow one distribution up to that point and follow another distribution after that point. Multiple change points problem can also be defined similarly. So the change point(s) problem is two fold: one is to decide if there is any change (often viewed as a hypothesis testing problem), another is to locate the change point when there is a change present (often viewed as an estimation problem). The earliest change point study can be traced back to the 1950s. During the following period of some forty years, numerous articles have been published in various journals and proceedings. Many of them cover the topic of single change point in the means of a sequence of independently normally distributed random variables. Another popularly covered topic is a change point in regression models such as linear regression and autoregression. The methods used are mainly likelihood ratio, nonparametric, and Bayesian. Few authors also considered the change point problem in other model settings such as the gamma and exponential.

Chemical Engineering Design-Gavin Towler, Ph.D. 2013 Part I: Process design -- Introduction to design -- Process flowsheet development -- Utilities and energy efficient design -- Process simulation -- Instrumentation and process control -- Materials of construction -- Capital cost estimating -- Estimating revenues and production costs -- Economic evaluation of projects -- Safety and loss prevention -- General site considerations -- Optimization in design -- Part II: Plant design -- Equipment selection, specification and design -- Design of pressure vessels -- Design of reactors and mixers -- Separation of fluids -- Separation columns (distillation, absorption and extraction) -- Specification and design of solids-handling equipment -- Heat transfer equipment -- Transport and storage of fluids.

Integrated Risk of Pandemic: Covid-19 Impacts, Resilience and Recommendations-Manish Kumar Goyal

Intelligent Electrical Systems:-Satyajit Chakrabarti 2021-04-15 The conference aims to provide a premier platform for Engineers, researchers, scientists and academicians to present their work in the emerging areas such as Renewable Energy, Energy storage, Power Electronics & drives, Smart devices and communication systems, Artificial Intelligence, Robotics, Networks an IoT, Control and automation etc.

Contemporary Perspectives on Ophthalmology, 10e-A.K. Gupta 2019-09-27 Contemporary Perspectives on Ophthalmology is a specialty text targeting all learners of modern-day ophthalmology, particularly who are making the first steps in the discovery of this vibrant branch of medicine after completing their general medicine course as undergraduates. Contemporary Ophthalmology as a branch of medicine has grown to enormous magnitudes in the last decade. Hence the students need a comprehensive compilation detailing the updates in the subject for easy and quick perusal before their examination. The current edition is completely redesigned, and many chapters are rewritten in order to make it relevant. Some of the key features include: Wide and comprehensive coverage of updated topics in all specialties of ophthalmology. Succinct and focused format for quick reading and understanding. Key updates on evolving topics such as refractive surgery, ocular therapeutics, stem cells and corneal surgery, advances in cataract surgery, glaucoma investigations and treatment, uveal disorders, retinal surgery, oculoplastic procedures and ocular trauma. Enhanced emphasis on diagnosis of ocular disorders and investigations. A chapter on community ophthalmology. A new chapter on statistics for core understanding required for research techniques. Many illustrations and artworks for better elucidation of key concepts. Videos on selected topics.

MOOC Learning Platform Development-Varun Gupta 2019-10-24 The work presented in this book is based on empirical study undertaken as a case study to understand the challenges faced in massively open online course (MOOC) based learning and experimentation to understand the challenges for presenting theoretical and practical courses. The book proposes a flexible online platform. This solution provides flexibility in distance learning processes including course enrollment, learning, evaluation, and outcome of degrees. The proposed system not only gives students freedom to choose their courses in accordance with their needs but also use earned credit towards online degrees of any university of their choice.

Principles of Management-David S. Bright Principles of Management is designed to meet the scope and sequence requirements of the introductory course on management. This is a traditional approach to management using the leading, planning, organizing, and controlling approach. Management is a broad business discipline, and the Principles of Management course covers many management areas such as human resource management and strategic management, as well behavioral areas such as motivation. No one individual can be an expert in all areas of management, so an additional benefit of this text is that specialists in a variety of areas have authored individual chapters.

Industrial Automation: Hands On-Frank Lamb 2013-07-22 A practical guide to industrial automation concepts, terminology, and applications Industrial Automation: Hands-On is a single source of essential information for those involved in the design and use of automated machinery. The book emphasizes control systems and offers full coverage of other relevant topics, including machine building, mechanical engineering and devices, manufacturing business systems, and job functions in an industrial environment. Detailed charts and tables serve as handy design aids. This is an invaluable reference for novices and seasoned automation professionals alike. **COVERAGE INCLUDES:** * Automation and manufacturing * Key concepts used in automation, controls, machinery design, and documentation * Components and hardware * Machine systems * Process systems and automated machinery * Software * Occupations and trades * Industrial and factory business systems, including Lean manufacturing * Machine and system design * Applications

Teaching Engineering, Second Edition-Phillip C. Wankat 2015-01-15 The majority of professors have never had a formal course in education, and the most common method for learning how to teach is on-the-job training. This represents a challenge for disciplines with ever more complex subject matter, and a lost opportunity when new active learning approaches to education are yielding dramatic improvements in student learning and retention. This book aims to cover all aspects of teaching engineering and other technical subjects. It presents both practical matters and educational theories in a format useful for both new and experienced teachers. It is organized to start with specific, practical teaching applications and then leads to psychological and educational theories. The "practical orientation" section explains how to develop objectives and then use them to enhance student learning, and the "theoretical orientation" section discusses the theoretical basis for learning/teaching and its impact on students. Written mainly for PhD students and professors in all areas of engineering, the book may be used as a text for graduate-level classes and professional workshops or by professionals who wish to read it on their own. Although the focus is engineering education, most of this book will be useful to teachers in other disciplines. Teaching is a complex human activity, so it is impossible to develop a formula that guarantees it will be excellent. However, the methods in this book will help all professors become good teachers while spending less time preparing for the classroom. This is a new edition of the well-received volume published by McGraw-Hill in 1993. It includes an entirely revised section on the Accreditation Board for Engineering and Technology (ABET) and new sections on the characteristics of great teachers, different active learning methods, the application of technology in the classroom (from clickers to intelligent tutorial systems), and how people learn.

Grassroots Innovation-Anil K Gupta 2016-07-20 A moral dilemma gripped Professor Gupta when he was invited by the Bangladeshi government to help restructure their agricultural sector in 1985. He noticed how the marginalized farmers were being paid poorly for their otherwise unmatched knowledge. The gross injustice of this constant imbalance led Professor Gupta to find what would turn into a resounding social and ethical movement—the Honey Bee Network—bringing together and elevating thousands of grassroots innovators. For over two decades, Professor Gupta has travelled through rural lands unearthing innovations by the ranks—from the famed Mitti Cool refrigerator to the footbridge of Meghalaya. He insists that to fight the largest and most persistent problems of the world we must eschew expensive research labs and instead, look towards ordinary folk. Innovation—that oft-flung around word—is stripped to its core in this book. Poignant and personal, Grassroots Innovation is an important treatise from a social crusader of our time.

Wastewater Reuse and Watershed Management-Ajai Singh 2019-06-26 Water is a finite resource, and the

demand for clean water is constantly growing. Clean freshwater is needed to meet irrigation demands for agriculture, for consumption, and for industrial uses. The world produces billions of tons of wastewater every year. This volume looks at a multitude of ways to capture, treat, and reuse wastewater and how to effectively manage watersheds. It presents a selection of new technologies and methods to recycle, reclaim, and reuse water for agricultural, industrial, and environmental purposes. The editor states that more than 75–80% of the wastewater we produce goes back to nature without being properly treated, leading to pollution and all sorts of negative health and productivity consequences. Topics cover a wide selection of research, including molluscs as a tool for river health assessment, flood risk modeling, biological removal of toxins from groundwater, saline water intrusion into coastal areas, urban drainage simulations, rainwater harvesting, irrigation topics, and more. Key features: • explores the existing methodologies in the field of reuse of wastewater • looks at different approaches in integrated water resources management • examines the issues of groundwater management and development • discusses saline water intrusion in coastal areas • presents various watershed management approaches • includes case studies and analyses of various water management efforts

Toxicity and Waste Management Using Bioremediation-Rathoure, Ashok K. 2015-12-02 Bioremediation is an emerging field of environmental research. The objective of a bioremediation process is to immobilize contaminants (reactants) or to transform them into chemical products that do not pose a risk to human health and the environment. Toxicity and Waste Management Using Bioremediation provides relevant theoretical and practical frameworks and the latest empirical research findings on the remediation of contaminated soil and groundwater using bioorganisms. Focusing on effective waste treatment methodologies and management strategies that lead to improved human and environmental health, this timely publication is ideal for use by environmental scientists, biologists, policy makers, graduate students, and scholars in the fields of environmental science, chemistry, and biology.

Nanoindentation of Natural Materials-Arjun Dey 2018-09-03 Nanoindentation of Natural Materials: Hierarchical and Functionally Graded Microstructures provides a systematic introduction and review of state-of-the-art statistical hierarchical and functionally graded structures found in bone, teeth, hair, and scales, from a nanoindentation perspective, including detailed microstructure and composition. It covers the basics of hierarchical and functionally graded structures and nanoindentation techniques and detailed discussion with correlation micro/nano mechanical-structures The book includes practical issues backed with experimental data

A Geology for Engineers-F.G.H. Blyth 2017-12-21 No engineering structure can be built on the ground or within it without the influence of geology being experienced by the engineer. Yet geology is an ancillary subject to students of engineering and it is therefore essential that their training is supported by a concise, reliable and usable text on geology and its relationship to engineering. In this book all the fundamental aspects of geology are described and explained, but within the limits thought suitable for engineers. It describes the structure of the earth and the operation of its internal processes, together with the geological processes that shape the earth and produce its rocks and soils. It also details the commonly occurring types of rock and soil, and many types of geological structure and geological maps. Care has been taken to focus on the relationship between geology and geomechanics, so emphasis has been placed on the geological processes that bear directly upon the composition, structure and mechanics of soil and rocks, and on the movement of groundwater. The descriptions of geological processes and their products are used as the basis for explaining why it is important to investigate the ground, and to show how the investigations may be conducted at ground level and underground. Specific instruction is provided on the relationship between geology and many common activities undertaken when engineering in rock and soil.

Reengineering the Corporation-Michael Hammer 2009-10-13 The most successful business book of the last decade, Reengineering the Corporation is the pioneering work on the most important topic in business today: achieving dramatic performance improvements. This book leads readers through the radical redesign of a company's processes, organization, and culture to achieve a quantum leap in performance. Michael Hammer and James Champy have updated and revised their milestone work for the New Economy they helped to create -- promising to help corporations save hundreds of millions of dollars more, raise their customer satisfaction still higher, and grow ever more nimble in the years to come.

Computerized Maintenance Management Systems Made Easy-Kishan Bagadia 2010-07-19 Computerized Maintenance Management Systems Software programs are increasingly being used to manage and control plant and equipment maintenance in modern manufacturing and service industries. However, 60% to 80% of all programs fail because of poor planning, costing millions of dollars. Written by an expert with over 30 years of experience, this book employs a step by step approach for evaluating the company's needs then selecting the proper CMMS.

Management in India-Herbert J Davis 2006-01-04 Over the last decade, globalization has had a tremendous and far reaching impact on Indian management culture, policy and leadership styles. Management in India presents the first comprehensive and indepth examination of the emerging changes in Indian management culture both at the macro and micro levels and their impact on domestic and multinational businesses based in India. Drawing on the talent of outstanding contributors, the editors of this book analyse how the Indian business scenario is changing rapidly, while the attitude towards and orientation and practice of management has been correspondingly slow to change. Indian managers have found it difficult to change policies both at the enterprise and the employee level to match an increasingly global and international environment.

Elementary Materials Science-William F. Hosford 2013-08-01 Elementary Materials Science covers the subject of materials science with few equations; it is intended primarily for students with limited science backgrounds who are interested in materials. The book also will be useful for non-technical professionals in the materials industry.

Plant Engineer's Reference Book-DENNIS A SNOW 2013-10-22 * Useful to engineers in any industry * Extensive references provided throughout * Comprehensive range of topics covered * Written with practical situations in mind A plant engineer is responsible for a wide range of industrial activities, and may work in any industry. The breadth of knowledge required by such professionals is so wide that previous books addressing plant engineering have either been limited to certain subjects or cursory in their treatment of topics. The Plant Engineer's Reference Book is the first volume to offer complete coverage of subjects of interest to the plant engineer. This reference work provides a primary source of information for the plant engineer. Subjects include selection of a suitable site for a factory and provision of basic facilities (including boilers, electrical systems, water, HVAC systems, pumping systems and floors and finishes). Detailed chapters deal with basic issues such as lubrication, corrosion, energy conservation, maintenance and materials handling as well as environmental considerations, insurance matters and financial concerns. The authors chosen to contribute to the book are experts in their various fields. The Editor has experience of a wide range of operations in the UK, other European countries, the USA, and elsewhere in the world. Produced with the backing of the Institution of Plant Engineers, this work is the primary source of information for plant engineers in any industry worldwide.

Environment Conscious Manufacturing-Surendra M. Gupta 2007-12-19 Hotter temperatures, less arctic ice, loss of habitat-every other day, it seems, global warming and environmental issues make headlines. Consumer-driven environmental awareness combined with stricter recycling regulations have put the pressure on companies to produce and dispose of products in an environmentally responsible manner. Redefining indus

Advances in Smart Cities-Arpan Kumar Kar 2017-07-28 This is an edited book based on the selected submissions made to the conference titled "International Conference in Smart Cities". The project provides an innovative and new approach to holistic management of cities physical, socio-economic, environmental, transportation and political assets across all domains, typically supported by ICT and open data.