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Maintenance Engineering (Principles, Practices and Management) Maintenance Engineering & Management Maintenance Engineering (Principles, Practices and Management) Engineering Materials Hydraulics and Pneumatics Controls Elements of Mechanical Engineering (PTU) Industrial Engineering Tribology in Industries Outsourcing Maintenance Advances in Asset Management and Condition Monitoring Advances in Manufacturing Technology A Textbook of Thermal Engineering STRATEGIC MANAGEMENT Technical System Maintenance Quantitative Approaches in Logistics and Supply Chain Management Advanced Maintenance Modelling for Asset Management Computerized Maintenance Management Systems Made Easy Advances in Waste Management Warranty and Preventive Maintenance for Remanufactured Products Usa : Study, Job And Immigration Made Easy A Practical Guide ECPPM 2022 - eWork and eBusiness in Architecture, Engineering and Construction 2022 Indian Books in Print Through-life Engineering Services Definitions, Concepts and Scope of Engineering Asset Management Intelligent Systems in Production Engineering and Maintenance - ISPEM 2017 Extended Warranties, Maintenance Service and Lease Contracts Career Counseling Smart Grid Handbook, 3 Volume Set Advanced Automated Software Testing: Frameworks for Refined Practice Proceedings of International Conference on Intelligent Manufacturing and Automation Management of Sugar Industry Publisher's Monthly Managing Information Technology Resources in Organizations in the Next Millennium Springer Handbook of Engineering Statistics Environmental Sustainability and Economy Advances in Interdisciplinary Engineering Proceedings Manual of Hospital Planning and Designing Managerial Issues in Digital Transformation of Global Modern Corporations Database and Expert Systems Applications

Management of Sugar Industry Jul 22 2020
Springer Handbook of Engineering Statistics Apr 18 2020 In today's global and highly competitive environment, continuous improvement in the processes and products of any field of engineering is essential for survival. This book gathers together the full range of statistical techniques required by engineers from all fields. It will assist them to gain sensible statistical feedback on how their processes or products are functioning and to give them realistic predictions of how these could be improved. The handbook will be essential reading for all engineers and engineering-connected managers who are serious about keeping their methods and products at the cutting edge of quality and competitiveness.
Advanced Maintenance Modelling for Asset Management Nov 06 2021 This book promotes

and describes the application of objective and effective decision making in asset management based on mathematical models and practical techniques that can be easily implemented in organizations. This comprehensive and timely publication will be an essential reference source, building on available literature in the field of asset management while laying the groundwork for further research breakthroughs in this field. The text provides the resources necessary for managers, technology developers, scientists and engineers to adopt and implement better decision making based on models and techniques that contribute to recognizing risks and uncertainties and, in general terms, to the important role of asset management to increase competitiveness in organizations.

A Textbook of Thermal Engineering Mar 10 2022 Two new chapters on eneral Thermodynamic Relations and Variable Specific Heat have been Added. The mistake which had crept in have been eliminated. We wish to express our sincere thanks to numerous professors and students, both at home and abroad, for sending their valuable suggestions and also for recommending the book to their students and friends.

Maintenance Engineering (Principles, Practices and Management) Dec 19 2022 This book is highly useful for the students of B.E./B.Tech. of Punjab Technological University, Jalandhar and also for the other Technological Universities of India as per New Syllabus. Accordingly, few sample questions are given at the end of each chapter. The chapter and topics, covered in this book, are expected to encompass the syllabus that may be needed by various colleges/ institutions in maintenance field. It also serves as a reference book for students of all other engineering disciplines in universities, colleges, institutions and also vast numbers of engineer, managers supervisors, technologists and other persons working in or associated with maintenance and upkeep of machines, equipments and systems in any shop, plant or industry.

Database and Expert Systems Applications Oct 13 2019 The Database and Expert Systems Applications (DEXA) conferences bring together researchers and practitioners from all over the world to exchange ideas, experiences and opinions in a friendly and stimulating environment. The papers are at once a record of what has been achieved and the first steps towards shaping the future of information systems. DEXA covers a broad field, and all aspects of database, knowledge base and related technologies and their applications are represented. Once again there were a good number of submissions: 241 papers were submitted and of these the programme committee selected 103 to be presented. DEXA'99 took place in Florence and was the tenth conference in the series, following events in Vienna, Berlin, Valencia, Prague, Athens, London, Zurich, Toulouse and Vienna. The decade has seen many developments in the

areas covered by DEXA, developments in which DEXA has played its part. I would like to express thanks to all the institutions which have actively supported and made possible this conference, namely: • University of Florence, Italy • IDG CNR, Italy • FAW - University of Linz, Austria • Austrian Computer Society • DEXA Association In addition, we must thank all the people who have contributed their time and effort to make the conference possible. Special thanks go to Maria Schweikert (Technical University of Vienna), M. Neubauer and G. Wagner (FAW, University of Linz). We must also thank all the members of the programme committee, whose careful reviews are important to the quality of the conference. **Computerized Maintenance Management Systems Made Easy** Oct 05 2021 Publisher's Note: Products purchased from Third Party sellers are not guaranteed by the publisher for quality, authenticity, or access to any online entitlements included with the product. 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.

Managerial Issues in Digital Transformation of Global Modern Corporations Nov 13 2019 Efficient management of managerial tasks by capable managers is essential in order to grow and remain competitive in today's global business market. On the other hand, digital transformation enables organizations to better compete with their global counterparts. In the process of digital transformation, many firms find it difficult to acquire qualified leadership with adequate knowledge and competence to drive success. Without integrating the dual edges of managerial competence and digital evolution, it is next to impossible for a firm to both survive and grow. Managerial Issues in Digital Transformation of Global Modern Corporations is a critical scholarly publication that examines current challenges in the digital transformation of modern business corporations from a managerial and leadership perspective. Featuring a wide range of topics such as digital transformation, marketing, and global business, this book is ideal for corporate executives, managers, IT specialists, entrepreneurs, business administrators, industry practitioners, academicians, researchers, policymakers, and students from various relevant disciplines that include economics, information and technology, business administration, management science, and commerce.

Maintenance Engineering (Principles, Practices and Management) Feb 21 2023 This book is highly useful for the students of

B.E./B.Tech. of Punjab Technological University, Jalandhar and also for the other Technological Universities of India as per New Syllabus. Accordingly, few sample questions are given at the end of each chapter. The chapters and topics, covered in this book, are expected to encompass the syllabus that may be needed by various colleges/institutions in the maintenance field. It also serves as a reference book for students of all other engineering disciplines in universities, colleges, institutions and also vast numbers of engineers, managers, supervisors, technologists and other persons working in or associated with maintenance and upkeep of machines, equipments and systems in any shop, plant or industry.

Proceedings of International Conference on Intelligent Manufacturing and Automation Aug 23 2020 This book presents the outcomes of the International Conference on Intelligent Manufacturing and Automation (ICIMA 2018) organized by the Departments of Mechanical Engineering and Production Engineering at Dwarkadas J. Sanghvi College of Engineering, Mumbai, and the Indian Society of Manufacturing Engineers. It includes original research and the latest advances in the field, focusing on automation, mechatronics and robotics; CAD/CAM/CAE/CIM/FMS in manufacturing; product design and development; DFM/DFA/FMEA; MEMS and Nanotechnology; rapid prototyping; computational techniques; industrial engineering; manufacturing process management; modelling and optimization techniques; CRM, MRP and ERP; green, lean, agile and sustainable manufacturing; logistics and supply chain management; quality assurance and environment protection; advanced material processing and characterization; and composite and smart materials.

Advances in Manufacturing Technology Apr 11 2022 This cross-disciplinary book transcends departmental, institutional, industrial, public, and research organizations and goes beyond global barriers to cover the integration of research, education, and manufacturing in advanced materials processing and characterization, including CAD-CAM, Finite Element Analysis (FEA), and smart manufacturing. *Advances in Manufacturing Technology: Computational Materials Processing and Characterization* focuses on the design of experiment-based computational models, which involves FEA along with an ergonomics-based design of tooling for both conventional and nonconventional manufacturing processes. It discusses research, work, and recent developments in the field of production manufacturing of any mechanical system. Case studies and solved numerical solutions are included at the end of each chapter for easy reading comprehension. The book is helpful to those working on new developments in the field of product manufacturing. It also acts as a first-hand source of information for academic scholars and commercial manufacturers as they make strategic manufacturing development plans.

Engineering Materials Nov 18 2022 The book has been thoroughly revised. Several new articles have been added, specifically, in chapters on mortar, Concrete, Paint: Varnishes, Distempers and Antitermite treatment to make the book to

still more comprehensive and a useful unit for the students preparing for the examination in the subject.

Career Counseling Nov 25 2020 Career Counseling And Guiding Is A Very Important And Contemporary Topic. This Book Encompasses All Aspects Of Career Planning And Development As These Are Ongoing Aspects At Different Phases/Periods Of One S Life. The Book Concentrates On Practicalities With Reference To Indian Scenario, Starting From Beginner S Viewpoint And Extending To Mid-Career And Career Change Aspects. It Explains All Different Steps/Levels Of Career Counseling. It Gives Detailed Insight Of Various Types Of Résumés And Interviews And Exhibits Near Real Life Résumés And Interview Questions. For Beginners, It Illustrates Various Career Options Available At All Educational Levels And Institutions And Competitions Needed For Those. It Also Shows Work/Job Openings For Different Education/Experience Levels. In Short, The Book Ideally Serves The Purpose Of A Professional Career Counselor. *Smart Grid Handbook, 3 Volume Set* Oct 25 2020 Comprehensive, cross-disciplinary coverage of Smart Grid issues from global expert researchers and practitioners. This definitive reference meets the need for a large scale, high quality work reference in Smart Grid engineering which is pivotal in the development of a low-carbon energy infrastructure. Including a total of 83 articles across 3 volumes The Smart Grid Handbook is organized in to 6 sections: Vision and Drivers, Transmission, Distribution, Smart Meters and Customers, Information and Communications Technology, and Socio-Economic Issues. Key features: Written by a team representing smart grid R&D, technology deployment, standards, industry practice, and socio-economic aspects. Vision and Drivers covers the vision, definitions, evolution, and global development of the smart grid as well as new technologies and standards. The Transmission section discusses industry practice, operational experience, standards, cyber security, and grid codes. The Distribution section introduces distribution systems and the system configurations in different countries and different load areas served by the grid. The Smart Meters and Customers section assesses how smart meters enable the customers to interact with the power grid. Socio-economic issues and information and communications technology requirements are covered in dedicated articles. The Smart Grid Handbook will meet the need for a high quality reference work to support advanced study and research in the field of electrical power generation, transmission and distribution. It will be an essential reference for regulators and government officials, testing laboratories and certification organizations, and engineers and researchers in Smart Grid-related industries.

Manual of Hospital Planning and Designing Dec 15 2019 This book is a one-stop resource on all the critical aspects of planning and designing hospitals, one of the most complex healthcare projects to undertake. A well-planned and designed hospital should control infection rate, provide safety to patients, caregivers and visitors, help improve patients' recovery and have scope for future expansion and change. Reinforcing these basic

principles, guidance on such effective planning and designing is the key focus. Readers are offered insights into eliminating shortcomings at every stage of setting up a hospital which may not be feasible to rectify later on through alterations. Chapters from 1 to 12 of the book provide exhaustive notes on initial planning, such as detailed project reports, feasibility studies, and area calculation. Chapters 13 to 27 include designing and layout of all the essential departments/units such as OPD, emergency, intermediate care, diagnostics, operating rooms, and intensive care units. Chapters 28 to 37 cover designing support services like sterilization department, pharmacy, medical gas pipeline, kitchen, laundry, medical record, and mortuary. Chapters 38 to 48 take the readers through planning other services like air-conditioning and ventilation, fire safety, extra low voltage, mechanical, electrical, and plumbing services. Chapter 49 is for the planning of medical equipment. A particular chapter on "Green" hospital designing is included. This book is a single essential tabletop reference for hospital consultants, medical and hospital administrators, hospital designers, architecture students, and hospital promoters.

Tribology in Industries Jul 14 2022 A Textbook-cum-reference book for Undergraduate, Graduate and Postgraduate students of Mechanical, Electrical, Maintenance and Production Engineering disciplines. This book would also be of immense help to various practising engineers, technologists, managers and supervisors engaged in the maintenance, operation and upkeep of the different machines, equipments, systems and plants of various industries.

Indian Books in Print Apr 30 2021 *Advances in Asset Management and Condition Monitoring* May 12 2022 This book gathers select contributions from the 32nd International Congress and Exhibition on Condition Monitoring and Diagnostic Engineering Management (COMADEM 2019), held at the University of Huddersfield, UK in September 2019, and jointly organized by the University of Huddersfield and COMADEM International. The aim of the Congress was to promote awareness of the rapidly emerging interdisciplinary areas of condition monitoring and diagnostic engineering management. The contents discuss the latest tools and techniques in the multidisciplinary field of performance monitoring, root cause failure modes analysis, failure diagnosis, prognosis, and proactive management of industrial systems. There is a special focus on digitally enabled asset management and covers several topics such as condition monitoring, maintenance, structural health monitoring, non-destructive testing and other allied areas. Bringing together expert contributions from academia and industry, this book will be a valuable resource for those interested in latest condition monitoring and asset management techniques.

Environmental Sustainability and Economy Mar 18 2020 Environmental Sustainability and Economy contains the latest practical and theoretical concepts of sustainability science and economic growth. It includes the latest research on sustainable development, the impact of pollution due to economic activities, energy policies and consumption influencing

growth and environment, waste management and recycling, circular economy, and climate change impacts on both the environment and the economy. The 21st century has seen the rise of complex and multi-dimensional pathways between different aspects of sustainability. Due to globalization, these relationships now work at varying spatiotemporal scales resulting in global and regional dynamics. This book explores the complex relationship between sustainable development and economic growth, linking the environmental and social aspects with the economic pillar of sustainable development. Utilizing global case studies and interdisciplinary perspectives, *Environmental Sustainability and Economy* provides a comprehensive account of sustainable development and the economics of environmental protection studies with a focus on the environmental, geographical, economic, anthropogenic and social-ecological environment. Includes extensive interdisciplinary coverage, including intersectional topics such as environmental pollution and economic growth, resource utilization and circular economy, climate change and emissions, and sustainable solutions and green behavior. Discusses market innovations and strategies through the lens of global case studies in sustainability and economic growth. Bridges the gap between environmental studies and economics to reflect sustainable practices for enhancing environmental protection in response to climate change.

Advances in Waste Management Sep 04 2021 This book presents some of the latest technologies in waste management, and emphasizes the benefits that can be gained from the use of recycled products. Divided into four sections, it deals with phytoremediation, aquatic weed management and the treatment of solid- and water-based wastes, such as those arising from agricultural, industrial and medical activities. With its special emphasis on the utilization of recycled products, this volume will be of interest to students, academicians, policy makers and others who have a practical and academic interest in dealing with the waste society generates.

Proceedings Jan 16 2020

Quantitative Approaches in Logistics and Supply Chain Management Dec 07 2021 This contributed volume presents selected research papers from the 8th workshop on Logistics and Supply Chain Management, which was held in October 2013 in Berkeley, California. It focuses on the topical issue of quantitative approaches in logistics and supply chain management, mainly covering facility location and location routing; vehicle routing and scheduling; courier, express and parcel service network design; healthcare logistics as well as logistics risk management. The target audience primarily comprises research experts and practitioners in the field, but the book will also be beneficial to graduate students.

STRATEGIC MANAGEMENT Feb 09 2022 Keeping in view the requirement of various management schools and professionals, this book presents dynamically changing policies, strategies, business models, frameworks and practices of corporate enterprises in India and abroad in an interesting and stimulating manner. The concepts are structured around

the decision making process with suitable examples to enlighten students and managers with practices and techniques of making business strategies in today's competitive environment. The book includes 13 real-life Indian cases to provide an invaluable opportunity to the readers to apply their theoretical knowledge in solving business problems by analysing strategic issues of specific organizations. Besides management studies, the text will also prove useful to the students of commerce and allied areas. **KEY FEATURES :** Discusses new paradigms of managing challenges in corporate enterprises. Includes a separate chapter on strategies of Mergers and Acquisitions. Highlights strategy execution and implementation factors. Emphasizes organizational culture and its relevance in organizational effectiveness. **Warranty and Preventive Maintenance for Remanufactured Products** Aug 03 2021 The exponential increase in the development of technology coupled with the customers' immense desire to possess the newest technological products makes for truncated product lifespans, which instigates a substantial upsurge in their rate of disposal. Attempts have been made to establish specialized product recovery facilities with the intention of diminishing the volume of accumulated waste delivered to landfills using product recovery procedure such as remanufacturing. The economic benefits produced by remanufacturing also portray the role of product recovery in a more attractive light. The quality of a remanufactured product is uncertain for some consumers. Therefore, these consumers possess insecurities in deciding whether or not the remanufactured products will render the same expected performance. This ambiguity regarding a remanufactured product could possibly result in the consumer deciding against its purchase. With such consumer apprehension, remanufacturers often seek market mechanisms that provide reassurance as to the stable durability that these products still maintain. One strategy that the remanufacturers often use is the utilization of the premise of offering product warranties with preventive maintenance on their products. This book is concerned with the practice and theory of warranty management and preventive maintenance, particularly in relation to remanufactured products' warranties. Models developed in this book can be used for making the right decisions in offering renewable, nonrenewable, one and two dimensional warranty policies, and for managerial decision in considering maintenance contracts or outsourcing maintenance for remanufactured components and products. **Features** Discusses a variety of warranty policies and preventive maintenance of remanufactured products (first book to do so) Presents mathematical models and applications for warranty policies using examples and simulation results Considers cost and optimization problems from the remanufacturer's and buyer's points of views Provides a foundation for academicians interested in building models in the area of warranty and preventive maintenance analysis of remanufactured products Offers the essential methodology needed by practitioners involved with warranty and preventive maintenance analysis, along with extensive references for

further research

Intelligent Systems in Production Engineering and Maintenance - ISPEM 2017

Jan 28 2021 The volume presents a collection of 44 peer-reviewed articles from the First International Conference on Intelligent Systems in Production Engineering and Maintenance (ISPEM 2017). ISPEM 2017 was organized by the Faculty of Mechanical Engineering, Wrocław University of Science and Technology and was held in Wrocław (Poland) on 28–29 September 2017. The main topics of the conference included the possibility of using widely understood intelligent methods in production engineering. New solutions for innovative plants, research results and case studies taking into account advances in production and maintenance from the point of view of Industry 4.0 were presented and discussed—with special attention paid to applications of intelligent systems, methods and tools in production engineering, maintenance, logistics, quality management, information systems, and product development. The volume is divided into two parts: 1. Intelligent Systems in Production Engineering 2. Intelligent Systems in Maintenance This book is an excellent reference resource for scientists in the field of manufacturing engineering and for top managers in production enterprises. **Advanced Automated Software Testing: Frameworks for Refined Practice** Sep 23 2020 "This book discusses the current state of test automation practices, as it includes chapters related to software test automation and its validity and applicability in different domains"-- Provided by publisher.

Extended Warranties, Maintenance Service and Lease Contracts

Dec 27 2020 Serving to unify the existing literature on extended warranties, maintenance service contracts and lease contracts, this book also presents a unique perspective on the topic focussed on cost analysis and decision-making from the perspectives of the parties involved. Using a game theoretic approach together with mathematical modelling, results are presented in an integrated manner with key topics that require further research highlighted in order to serve as a starting point for researchers (engineers and statisticians) who are interested in doing further work in these areas. Designed to assist practitioners (managers, engineers, applied statisticians) who are involved with extended warranties, maintenance service contracts and lease contracts, the book provides them with the models and techniques needed for proper cost analysis and effective decision-making. The book is also suitable for use as a reference text in industrial engineering, applied statistics, operations research and management.

Through-life Engineering Services

Mar 30 2021 Demonstrating the latest research and analysis in the area of through-life engineering services (TES), this book utilizes case studies and expert analysis from an international array of practitioners and researchers - who together represent multiple manufacturing sectors: aerospace, railway and automotive - to maximize reader insights into the field of through-life engineering services. As part of the EPSRC Centre in Through-life Engineering Services program to support the academic and industrial community, this book presents an

overview of non-destructive testing techniques and applications and provides the reader with the information needed to assess degradation and possible automation of through-life engineering service activities. The latest developments in maintenance-repair-overhaul (MRO) are presented with emphasis on cleaning technologies, repair and overhaul approaches and planning and digital assistance. The impact of these technologies on sustainable enterprises is also analyzed. This book will help to support the existing TES community and will provide future studies with a strong base from which to analyze and apply technological trends to real world examples.

Outsourcing Maintenance Jun 13 2022 Scaling between top line & Bottom line. Here top line for service provider is about adding on sales and revenues by adding customers and work scope, whereas bottom line remains to be customer prerogative with focus on improving income with enhanced profitability. In simple words maintenance is profit centre for service provider, whereas cost center for any Industry. As Client and service provider both being on contrarian side, differences are obvious. Successful partnership is all about collaboration way beyond obvious. Elaborating the concise business model of outsourcing, precisely relevant to maintenance and touching all its components as evident in the current industrial scenario. There is a lot of books available for technology/ process parts and also covering other areas in isolation, but need of single book integrating all aspects of maintenance outsourcing was long felt. The objective here is to provide a holistic view of maintenance outsourcing in all dimensions from both customer and service provider perspective explaining different aspects of business in a nutshell. Outsourcing Maintenance is for:

- Management of any Industry looking for outsourcing maintenance or review the existing contract.
- Anyone, i.e., people in the maintenance team including shop floor personnel, contract cell, SCM, HR, safety, etc.
- All people in the maintenance business, i.e., facility management, asset management, service/maintenance contract, AMC, etc.

Usa : Study, Job And Immigration Made Easy
A Practical Guide Jul 02 2021

Maintenance Engineering & Management Jan 20 2023 The initial edition of the book was based on informations available and technologies and methodologies commonly used till 1995. Since then, quite a few improvements have taken place and new technologies and methodologies etc. have come up in related fields. As such, need was felt to upgrade and augment the book in the form of thoroughly revised edition and change the name to Maintenance Engineering & Management. The book has been designed to be used as a text book for many engineering disciplines as maintenance Engineering, Maintenance Technology or Maintenance Management at degree/diploma level and also useful for postgraduate study in most Indian universities, institutions and polytechnics.

Technical System Maintenance Jan 08 2022 This book provides a detailed introduction to maintenance policies and the current and future research in these fields, highlighting mathematical formulation and optimization

techniques. It comprehensively describes the state of art in maintenance modelling and optimization for single- and multi-unit technical systems, and also investigates the problem of the estimation process of delay-time parameters and how this affects system performance. The book discusses delay-time modelling for multi-unit technical systems in various reliability structures, examining the optimum maintenance policies both analytically and practically, focusing on a delay-time modelling technique that has been employed by researchers in the field of maintenance engineering to model inspection intervals. It organizes the existing work into several fields, based mainly on the classification of single- and multi-unit models and assesses the applicability of the reviewed works and maintenance models. Lastly, it identifies potential future research directions and suggests research agendas. This book is a valuable resource for maintenance engineers, reliability specialists, and researchers, as it demonstrates the latest developments in maintenance, inspection and delay-time-based maintenance modelling issues. It is also of interest to graduate and senior undergraduate students, as it introduces current theory and practice in maintenance modelling issues, especially in the field of delay-time modelling.

ECPPM 2022 - eWork and eBusiness in Architecture, Engineering and Construction 2022 Jun 01 2021 ECPPM 2022 - eWork and eBusiness in Architecture, Engineering and Construction contains the papers presented at the 14th European Conference on Product & Process Modelling (ECPPM 2022, Trondheim, Norway, 14-16 September 2022), and builds on a long-standing history of excellence in product and process modelling in the construction industry, which is currently known as Building Information Modelling (BIM). The following topics and applications are given special attention:

- Sustainable and Circular Driven Digitalisation:
- Data Driven Design and/or Decision Support
- Assessment and Documentation of Sustainability Information lifecycle
- Data Management: Collection, Processing and Presentation of Environmental Product Documentation (EPD) and Product Data Templates (PDT)
- Digital Enabled Collaboration: Integrated and Multi-Disciplinary Processes
- Virtual Design and Construction (VDC):
- Production Metrics, Integrated Concurrent Engineering, Lean Construction and Information Integration
- Automation of Design and Engineering Processes, Parametric Modelling and Robotic Process Automation
- Expert Systems: BIM based model and compliance checking
- Enabling Technologies: Machine Learning, Big Data, Artificial and Augmented Intelligence, Digital Twins, Semantic Technology
- Sensors and IoT Production with Autonomous Machinery, Robotics and Combinations of Existing and New Technical Solutions
- Frameworks for Implementation: International Information Management Series (ISO 19650), and Other International Standards (ISO), European (CEN) and National Standards, Digital Platforms and Ecosystems
- Human Factors in Digital Application: Digital Innovation, Economy of Digitalisation, Client, Organisational, Team and/or Individual

Perspectives Over the past 25 years, the biennial ECPPM conference proceedings series has provided researchers and practitioners with a unique platform to present and discuss the latest developments regarding emerging BIM technologies and complementary issues for their adoption in the AEC/FM industry.

Advances in Interdisciplinary Engineering Feb 15 2020 This book comprises the select proceedings of the International Conference on Future Learning Aspects of Mechanical Engineering (FLAME) 2020. This volume focuses on several emerging interdisciplinary areas involving mechanical engineering. Some of the topics covered include automobile engineering, mechatronics, applied mechanics, structural mechanics, hydraulic mechanics, human vibration, biomechanics, biomedical Instrumentation, ergonomics, biodynamic modeling, nuclear engineering, and agriculture engineering. The contents of this book will be useful for students, researchers as well as professionals interested in interdisciplinary topics of mechanical engineering.

Managing Information Technology Resources in Organizations in the Next Millennium May 20 2020 Managing Information Technology Resources in Organizations in the Next Millennium contains more than 200 unique perspectives on numerous timely issues of managing information technology in organizations around the world. This book, featuring the latest research and applied IT practices, is a valuable source in support of teaching and research agendas.

Elements of Mechanical Engineering (PTU) Sep 16 2022 The present book on Elements of Mechanical Engineering is meant for the engineering students of all branches at their first year level. It covers the new syllabus of panjab Technical University, Jalandhar. However, it shall be useful to students of other Universities also. The book covers the basic principles of Thermodynamics, zeroth law of Thermodynamics and the concept of temperature in the first chapter.

Hydraulics and Pneumatics Controls Oct 17 2022 For B.E./B.Tech. students of Anna and Other Technical Universities of India

Publisher's Monthly Jun 20 2020

Definitions, Concepts and Scope of Engineering Asset Management Feb 26 2021 Definitions, Concepts and Scope of Engineering Asset Management, the first volume in this new review series, seeks to minimise ambiguities in the subject matter. The ongoing effort to develop guidelines is shaping the future towards the creation of a body of knowledge for the management of engineered physical assets. Increasingly, industry practitioners are looking for strategies and tactics that can be applied to enhance the value-creating capacities of new and installed asset systems. The new knowledge-based economy paradigm provides imperatives to combine various disciplines, knowledge areas and skills for effective engineering asset management. This volume comprises selected papers from the 1st, 2nd, and 3rd World Congresses on Engineering Asset Management, which were convened under the auspices of ISEAM in collaboration with a number of organisations, including CIEAM Australia, Asset Management Council Australia, BINDT UK, and

Chinese Academy of Sciences, Beijing University of Chemical Technology, China. Definitions, Concepts and Scope of Engineering Asset Management will be of interest to researchers in engineering, innovation and technology management, as well as to managers, planners and policy-makers in both industry and government.

Industrial Engineering Aug 15 2022 The Book Is Primarily Intended To Meet The Demands For A Textbook On The Subject That Systematically Covers The Complete Syllabus Of Uptu On Industrial Engineering For The Second Year B.Tech. Students Of Mechanical, Industrial, Production And Metallurgical Engineering Branches. The Book Precisely Covers The Material In Required Details In A Lucid Manner Using Simple English To Enable An Average Student To Grasp The Subject. Sufficient Solved Examples Have Been Included Throughout The Text To Illustrate The Concepts. Simple Illustrative Reproducible Sketches And Diagrams Have Been Given To Help In Easy Comprehension Of The Subject. The Book Includes The Basic Topics On Industrial Engineering In Twenty Three Chapters. The First Chapter Presents A Detailed Introduction Highlighting The Subject Along With Its Need And Importance. The Book Covers Topics Like: Productivity, Workstudy, Job Evaluation, Plant Layout, Materials Handling, Production Planning And Control, Depreciation, Replacement Analysis, Inventory Control, Mrp, Tqm, Business Organization, Forms Of Ownership, Hrp, Factory Legislation,

Sales Management, Forecasting Accounting, Budgetary Control, Project Management (Pert/Cpm), Break-Even Analysis, Or, Engineering Economy, Optimisation Analysis, E-Commerce, Quality Management Of Physical Resources.

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