

Quality Management In Garment Industry Of Bangladesh Cedc

Numerous clothing industries face highly dynamic environments, and growth in this environment depends upon both external and internal factors. External factors are represented by aggressive competition and volatile product demand. Internally, the industry must face an increasingly shorter life cycle of the product and the need to innovate both product and organizational development. The competitive advantage of the industry lies in its ability to design a value-creating system based on the management of both external and internal relationships. The successful management of these relationships relies not only on successful customer relationship management but also on effective product supply and demand upkeep. Management and Inter/Intra Organizational Relationships in the Textile and Apparel Industry provides emerging research exploring relevant theoretical frameworks and the latest empirical research underlining the complexity of management applications within the textile industry. Featuring coverage on a broad range of topics such as consumer relationships, cultural identity, and organizational culture, this book is ideally designed for researchers, academicians, professionals, and students working in various disciplines including management, industrial organization, organizational behavior, human resource management, decision science, design science, and information and communication. Moreover, the book will provide insights and support executives and managers of the textile and apparel industry concerned with the ethic design, contamination, and the management relationships with workers, customers, suppliers, the community, and organizational development.

The latest technology can help in getting quality and productivity, but cannot be sustained unless people work from the heart. Unless one enjoys one's job one cannot deliver results up to expectations. The exercises of quality management system with total quality approach of right work right at first time is unable to stabilize the industry in number of cases as it has not been successful in developing a feeling of belongingness among the people for the company and the industry they work. Work Quality Management in the Textile Industry discusses various aspects responsible for improving or maintaining work quality, which in turn results in sustained product quality, improved productions, and reduced cost of manufacturing. A balanced combination of concepts of quality management, work management, time management, work life enhancement, safety, social security, working conditions, self development and human values are discussed with practical examples from the industry. This book propagates the concept of quality people and coexistence of deep old roots of values and ethics combined with fresh leaves of new technology and science. Work quality management shall be the new mantra for the success of the industry.

Build the knowledge and understanding of garment technology essential to any designer In today's competitive fashion industry, it is essential that designers have a working understanding of garment technology. This 2nd edition has been comprehensively updated, with in-depth information on stitches, guides and attachments and sewing techniques, all of which are fully illustrated. There are enhanced chapters on machine and equipment technology explaining the uses, features and limitations of garment manufacturing equipment, enabling designers to create products that can be manufactured efficiently and with a high degree of quality. Approached from the fashion designer's mindset, this book features illustrations to help users build their knowledge and understanding Blends theoretical and practical material Updated with the latest and most modern advances in clothing technology Illustrated throughout to help shape the reader's knowledge and understanding of garment technology

Cutting-Sewing-Finishing is the common terminology used for the overall process that takes place in any organisation manufacturing garments via the industrial way. The cutting room or cutting department is the place where all the pre-sewing activities like spreading, cutting, bundling, ticketing, fusing, and embroidery are conducted before the cut components are sent to the sewing department. In a garment factory, cutting department is pivotal from the point of view of controlling the material utilisation, considering the fact that material constitutes 60% of the manufacturing cost. Although the labour cost component in spreading and cutting is very less in comparison to sewing, the process involves material conversion which is irreversible, and hence, it is profoundly significant. Like any other department, the technology used and the processes being followed are the two most important parameters of cutting room. This multi-author book is an honest attempt on our part to cover all the cutting room processes in detail to unravel the relevance of material utilisation for garment manufacturing and thus provide an essential guide for cutting room managers and executives. These processes act as the tipping point for a garment factory where even a minor wastage or saving done in the fabric being used can have a major impact on the order margins. Besides, they lay the foundation for the garments' quality and hence become all the more important.

Garment Manufacturing Technology provides an insiders' look at this multifaceted process, systematically going from design and production to finishing and quality control. As technological improvements are transforming all aspects of garment manufacturing allowing manufacturers to meet the growing demand for greater productivity and flexibility, the text discusses necessary information on product development, production planning, and material selection. Subsequent chapters covers garment design, including computer-aided design (CAD), advances in spreading, cutting and sewing, and new technologies, including alternative joining techniques and seamless garment construction. Garment finishing, quality control, and care-labelling are also presented and explored. Provides an insiders look at garment manufacturing from design and production to finishing and quality control Discusses necessary information on product development, production planning, and material selection Includes discussions of computer-aided design (CAD), advances in spreading, cutting and sewing, and new technologies, including alternative joining techniques and seamless garment construction Explores garment finishing, quality control, and care labelling

All fashion companies, regardless of their current situation, must develop a long-term strategy in accordance with their objectives, resources, and market positions. This book discusses marketing and management, different strategic methods, and how to create an organizational culture.

Sourcing practices in the global apparel industry are changing because of the removal of quotas, new trade agreements, and a drive by apparel importers to lower costs. This study addresses the implications of these changes for garment manufacturers in Commonwealth developing countries. The principal research activities behind the book consisted of face-to-face interviews in North America with top sourcing executives of apparel importing companies and senior executives of apparel manufacturing companies and other stakeholders in six Commonwealth developing countries. The findings indicate that almost without exception apparel manufacturers are struggling to lower costs and to increase productivity so as to remain competitive. Government and industry are thus faced with critical decisions on how best to support the apparel industry in their respective countries. The principal outputs of the study are enterprise level guidelines to remain competitive in the face of evolving sourcing policies, technology, and practices, complemented by related frameworks at government and institutional levels.

Handbook on Fabric Manufacture discusses the activities involved in the manufacturing of grey fabrics, inspection of both grey and finished fabrics, presentation of samples for market, marketing and customer service activities where technical people are involved. The activities of value addition to the fabric by way of wet finishes like bleaching and dyeing, finishing printing etc., are explained in a separate book. This book does not deal with any technology or design of the machine parts and mechanisms, but explain the methods of monitoring the activities in general.

The foundation of a successful company in the garment industry is found in its technical staff. Even though they are in a supervisory position, basic control of the raw materials, men, machinery procurement and policy making is controlled by the top management. Yet, it is usually the

technical staff who is blamed for the company's failures and losses by the management without taking into account what they are doing to educate and train the staff to make them efficient and effective supervisors. Training and development of technical staff in the textile industry explains various aspects of management related to working on the shop floor by supervisory staff. Chapters explain the role, responsibilities and requirements of supervisors and the challenges they face, various leadership styles, team building, tools for decision making and steps for problem solving and includes examples of normal problems that occur in a textile company.

Textile manufacturing is an important subject in textile programs and processing industries. The introduction of manmade and synthetic fibers, such as polyester, nylon, acrylic, cellulose, and Kevlar, among others, has greatly expanded the variety of textile products available today. In addition, new fiber development has brought about new machines for producing yarns, fabrics, and garments. Textile Manufacturing Processes is a collection of academic and research work in the field of textile manufacturing. Written by experts, chapters cover topics such as yarn manufacturing, fabric manufacturing, and garment and technical textiles. This book is useful for students, industry workers, and anyone interested in learning the fundamentals of textile manufacturing.

Aiming to help with the productivity and efficiency of garment-producing enterprises, this book suggests practical ideas for the design, materials, safety, welfare and maintenance of the business. It also presents procedures and examples for identifying and assessing productivity.

This book aims to provide a broad conceptual and theoretical perspective of apparel manufacturing process starting from raw material selection to packaging and dispatch of goods. Further, engineering practices followed in an apparel industry for production planning and control, line balancing, implementation of industrial engineering concepts in apparel manufacturing, merchandising activities and garment costing have been included, and they will serve as a foundation for future apparel professionals. The book addresses the technical aspects in each section of garment manufacturing process with considered quality aspects. This book also covers the production planning process and production balancing activities. It addresses the technical aspects in each section of garment manufacturing process and quality aspects to be considered in each process. Garment engineering questions each process/operation of the total work content and can reduce the work content and increase profitability by using innovative methods of construction and technology. This book covers the production planning process, production balancing activities, and application of industrial engineering concepts in garment engineering. Further, the merchandising activities and garment costing procedures will deal with some practical examples. This book is primarily intended for textile technology and fashion technology students in universities and colleges, researchers, industrialists and academicians, as well as professionals in the apparel and textile industry.

The ways in which we design, make, transport and then discard clothes has a huge social and environmental impact. This book covers responsible business practices and sustainability in the fashion industry from the raw fibre stage, through production, to the point of customer consumption. The concepts of responsibility and sustainability are fast becoming essential factors in business decisions and Responsible Supply Chain Management leads the reader through the multiple stages in the supply chain that can impact on business strategy. A perfect resource for students studying fashion and for those working in the sector who wish to identify the latest thinking as they plan sustainability strategies, the book is divided into four clear sections. The first introductory part of the book examines sustainability in the supply chain by identifying the main three pillars of sustainability (social, economic and environmental) and considers which fashion brands are innovating in this area. Part two looks at fashion logistics and supply chain operations by assessing fibre, yarn and fabric considerations, logistical issues for both garment production, and service delivery, stock control, transportation, barriers and risks. The third part develops the logistics theme further by identifying recent trends and case studies that highlight agility and lean management structures, and the application of transparency enhancing RFID. This section further applies modelling and simulation techniques from the automotive and pharmaceutical industries to the fashion sector. The final part considers how sustainability can be embedded into the multi-tiered fashion supply chain and its selling environment.

This Easy-To-Follow Reference Book Explores All Aspects Of Quality For The Clothing And Apparel Industry - Detailing The Fundamental Principles As Well As The Latest Topics In The Quality Profession. This Book Is Further Refinement Of The Work Published Entitled An Introduction To Quality Control For The Apparel Industry By The American Society For Quality In September 1992. Presenting Quality As An Overall Business Strategy And Management Function, Managing Quality In The Apparel Industry Explains What Is Quality, Why Quality Is Important, And Describes How To Build Quality Into Products, Shows How To Evaluate Quality Of All The Components That Go Into Making Garments, Explains How To Measure The Cost Of Quality Or Rather Poor Quality, And Shows How To Begin To Manage Quality. Providing Hundreds Of Excerpts, Managing Quality In The Apparel Industry Is A Practical Source For Quality Control Managers, Supervisors, Inspectors, Technicians, And Executives; And Upper-Level Undergraduates And Graduate Students In These Disciplines.

Bachelor Thesis from the year 2020 in the subject Business economics - Business Management, Corporate Governance, Bahir Dar University (Ethiopian Institute of Textile and Fashion Technology), language: English, abstract: This study aimed to analyze loss due to poor or improper inventory management in the Bahir Dar Textile Share Company (BDTSC). The study sought to find the inventory management techniques used by the spinning section at BDTSC established the level of effectiveness of inventory management. It also determined the strength and weakness of the company, inventories the control system used, the police and procedure used, assessing the general material handling strategy in BDTSC at spinning section, the role of kaizen in the organization and the coordination of one department to the other in the organization. The study adopted both a statistically and descriptive research design. The target population was store department, production department, kaizen case team department, planning, and programming department, marketing and selling department, cost and budgeting department, and purchase department.

Over 95% of today's textile and apparel products are globally sourced, making sourcing one of the most important business functions in the industry. Global Sourcing in the Textile and Apparel Industry, 2nd Edition examines the crucial function of global sourcing in the textile and apparel industries, providing practical insight into both how and why global sourcing is pursued. Chapters include step-by-step global sourcing procedures and explore the theoretical, political, economic, social, and environmental implications of global sourcing decisions with an emphasis on sustainability. Learning activities are based on the author's extensive industry experience and address current issues that sourcing professionals face every day. New to this Edition - New cases studies at the end of each chapter offer real-life scenarios that today's sourcers may face - Emphasis on sustainable implications of global sourcing integrated throughout - Current trade data, agreements, and examples of industry trends throughout the book - Added coverage of trend analysis and forecasting in sourcing (Chapter 5) - Significant updates to the future of global sourcing section, including technology, UN's sustainable development goals, and on- or near-shoring trends (Chapter 12) - 25% new color images - New glossary includes essential terms and definitions from the book Teaching Resources: Instructor's Guide, Test Bank, and PowerPoint presentations available.

The processes of modern clothing manufacture are explained here, alongside the equipment used. Latest developments are described as well as established methods. Manual, mechanised and automated processes are explained and their comparative advantages for certain purposes are considered as well as the applications of computer control and robotics. The Fourth Edition has been updated throughout to reflect advances in technology and a new chapter is now devoted to colour management and colour technology (including a colour section for the first time). There is a new chapter on trouble-shooting in the sewing room, giving practical solutions to common problems. Other significant additions are alternative methods of joining materials (ultrasonics, RF welding and moulding) and new developments in the

traditional areas of garment and machinery technology. Students in clothing and fashion as well as garment technologists in the clothing industry will find this an invaluable resource in their increasingly complex role.

The never-ending global search for a country with a low labour wage is almost bottoming out. The so-called labor-oriented apparel manufacturing industry is poised to change. Due to fierce global pressure on reducing price and lead time, the textiles and apparel producers will have to banish all waste from their supply chain. Lean manufacturing which removes waste and smoothens the process flow is gaining popularity among textiles and apparel producers and will be a key element for the survival of the industry in the years ahead. An overview of various lean tools with a balanced mix of conceptual knowledge and practical applications in the context of apparel manufacturing Valuable industry information which managers and engineers can follow themselves without the need to hire outside consultants Case studies and examples from apparel manufacturing demonstrating how lean tools are being used successfully by leading organizations; an academician's delight Possible use cases of several lean tools having potential use in the apparel manufacturing scenario

When thinking about lowering or changing consumption to lower carbon footprints, the obvious offenders come easily to mind: petroleum and petroleum products, paper and plastic, even food. But not clothes. Although the clothing industry is the second largest polluter after agriculture, most consumers do not think of clothes as a source of environment

In today's global apparel industry, garments that are designed domestically are often manufactured overseas. The technical package, a series of forms that define a garment's specifications, is critical to ensuring that a particular style is executed correctly and in the most cost- and time-efficient manner possible. Apparel Production Management and the Technical Package presents the basics of production management and provides clear instructions for creating each component of a production package.

1.1 Background Steel besides an alloy is referred to as the backbone of human civilization, since it has been serving mankind from hundreds of years in realizing their social, cultural, political and economical needs. Steel essentially composed of iron and other elements like carbon, manganese, silicon etc. Steel by its virtue of nature is an eco-friendly product used in our everyday life. It has been the material for innumerable applications in the past and it would likely to continue in the future for sure. At modern times, its production is considered as the crucial factor for the development of economies. Steel is shining up to the extent that any country's socio-economic development and standard of living is determined by its per-capita consumption. During the early period of globalization steel industry was in the forefront among the other sectors and made rapid strides since then. Increasing modernization of green and brown field plants in the twenty-first century has led in doubling of global steel production from 851 million tons at the turn of the century in 2000 to 1,662 million tons in 2014.

According to World Steel Association, the global steel demand is estimated to realize 3000 million tons in 2025. The past growth in production and consumption of steel has largely been at the cornerstone of the heightened economic activity in the emerging economies, especially China, whose demand remains a pivotal factor driving the global steel industry.

Complex raw materials and manufacturing processes mean the textile industry is particularly dependent on good process control to produce high and consistent product quality. Monitoring and controlling process variables during the textile manufacturing process also minimises waste, costs and environmental impact. Process control in textile manufacturing provides an important overview of the fundamentals and applications of process control methods. Part one introduces key issues associated with process control and principles of control systems in textile manufacturing. Testing and statistical quality control are also discussed before part two goes on to consider control in fibre production and yarn manufacture. Chapters review process and quality control in natural and synthetic textile fibre cultivation, blowroom, carding, drawing and combing. Process control in ring and rotor spinning and maintenance of yarn spinning machines are also discussed. Finally part three explores process control in the manufacture of knitted, woven, nonwoven textiles and colouration and finishing, with a final discussion of process control in apparel manufacturing. With its distinguished editors and international team of expert contributors, Process control in textile manufacturing is an essential guide for textile engineers and manufacturers involved in the processing of textiles, as well as academic researchers in this field. Provides an important overview of the fundamentals and applications of process control methods Discusses key issues associated with process control and principles of control systems in textile manufacturing, before addressing testing and statistical quality control Explores process control in the manufacture of knitted, woven, nonwoven textiles and colouration and finishing, with a discussion on process control in apparel manufacturing

The textile industry is becoming an increasingly competitive environment. Differentiating products by quality is particularly important. Testing can be performed both to improve product quality and achieve compliance to international, regional or retailer specific standards. Fabric testing provides a comprehensive review of the tests available for fabrics. The book begins with introductory chapters which discuss the scope, importance and statistical analysis of fabric testing. The book then reviews various types of fabric tests such as fabric composition testing, physical and mechanical tests, fabric chemical testing, how to test appearance, permeability, comfort and flammability, as well as dyeing and colouring tests and key issues in testing textile samples. With its distinguished editor and international team of contributors Fabric testing is a valuable resource for designers, technologists, quality inspectors and testing institutes in the textile industry. It is also relevant for academics and students within the textile field. Reviews various types of fabric tests including fabric composition and fabric chemical testing Discusses the scope, significance and statistical analysis of fabric testing Assesses the importance of fabric testing to both product quality and industry standard compliance

The Fundamentals of Quality Assurance in the Textile IndustryCRC Press

Waste Management in the Textiles Industry explores and explains the latest technologies and best practices for an integrated approach to the management and treatment of wastes generated in this industry. Provides a strong technological analysis of the manufacturing supply chain, including spinning, fabric production, finishing, garment manufacture, and the packaging of clothing Explains how textile technology perspectives feed into management decision-making about sustainability Addresses the industry's impact on air and water quality and landfill waste

Apparel Engineering is a term to explain the industrial engineering activities to be used in Apparel Production process, this will include methods to reduce Man, Machine and Material wastage in the Apparel Production process, it includes selection of right tools and machines, training to the operators for quality and fast production, material management, ergonomics to use in apparel industry, methods development and advanced production planning and development of method study and Workstudy applications in production process, Line balancing to product handling. The whole booklet is capsuled to easy knowledge by reducing long theories. Maximum real time data from industry are used to generate and explain the calculations so that the methods can easily be adapted to industries by their industrial Engineers. I this book, author has tried to explain the ideas of, Wastages, Facility Layout and Material Planning, Material Flow system, Plant Layouts, Factory layout, Economics of Material Handling, Production Systems, Capacity planning, Marker Planning & cutting, Processing of fabric faults, Marker utilisation, Cut order planning, Workstudy Procedures, Micromotion studies, Production studies, Work Measurement Techniques, Performance rating, Allowances, Industrial Ergonomics, Principles of Motion Economy, Production Planning Process, Line Planning, Capacity Planning, Line Balancing, WIP, Scheduling Orders, Manufacturing Lead Time, Load Levelling, Scheduling Bottlenecks, Operation Scheduling, Production Reporting, Job evaluation & Compensation, Designing wage structure, Incentive plan etc This book will serve as one best reference to the Apparel Engineers in the garment industry, as well as learners and professions.

Master's Thesis from the year 2020 in the subject Business economics - Supply, Production, Logistics, grade: A, , language: English, abstract: In this thesis different apparel industries are overseen using interviews, secondary data and observations, a survey is also conducted to gather general information and effectiveness of lean and its tools. For the survival in the present race of industries it is very important to upgrade and calibrate the technology. Lean manufacturing concept is applied to Pakistan's Textile trade. The determination of conducting this study is to check that how much lean is effective; it is a multidimensional approach only the major dimensions are discussed in this research like reducing waste and improving productivity in garment production. I Two lean tools are also implemented. Resultantly the data gathered concludes that lean approach is highly efficient, but still a long way to go on the road of lean. The conducted survey shows that there is a good awareness regarding the lean approach, management knows that lean manufacturing is very helpful but there are unable in implementation, there is a less implementation knowledge and training staff in the companies. Only two lean tools are implemented in this thesis and more tools can be implemented in the future.

This book explores the means through which the garment industry contributes to industrialization, poverty reduction, empowerment of undereducated workers, in particular female laborers, and shared growth in contemporary low-income countries. This user-friendly guide to evaluating apparel quality presents the roles of product designers, manufacturers, merchandisers, testing laboratories, and retailers from product inception through the sale of goods, to ensure quality products that meet customer expectations. Bubonia provides an overview of apparel production, with emphasis on quality characteristics and cues, consumer influences and motivations impacting purchasing decisions, and the relationship of apparel manufacturing and production processes, cost, price point and the quality level of an apparel product. A key aspect of the book is the focus on both U.S. and International standards and regulations required for apparel analysis, performance, labeling requirements and safety regulations. The text is highly illustrated with images of stitch and seam types plus photos of their uses in actual garments, providing students with the tools needed to skillfully evaluate and critique quality elements in apparel and textile products. Key Features ~ Supplementary Apparel Quality Lab Manual (sold separately) includes hands-on lab activities and projects that simulate real-world garment analysis and material testing ~ Industry Scenario boxes present case studies highlight real world situations such as the Lululemon recall and the environmental impact of apparel manufacturing ~ Provides an illustrated guide to ASTM stitch and seam types Teaching Resources ~ Instructor's Guide with Test Bank ~ PowerPoint presentations for each chapter PLEASE NOTE: Purchasing or renting this ISBN does not include access to the STUDIO resources that accompany this text. To receive free access to the STUDIO content with new copies of this book, please refer to the book + STUDIO access card bundle ISBN 9781501395338. STUDIO Instant Access can also be purchased or rented separately on BloomsburyFashionCentral.com. This book provides ergonomic principles of times, machines, production space, materials and organization, within contemporary demands of the international fashion industry. It presents the analysis of planning, layout and logistics in the production of clothing as key parameters of strategic and operating management. The book also discusses tools for control as well as methods for determining the time of technological operations are described, which can be useful not only to beginners, but also to professionals experienced in this field.

"This book focuses on reporting both quantitative research on FSCM and exploratory studies on emerging supply chain management issues in the fashion industry"--Provided by publisher.

This timely book focuses on the upgrading of firms within the global garment industry, examining how garment manufacturers and retailers in different countries internationalize, develop their capabilities and enhance their sustainability. It highlights the important role the global garments industry plays in the socio-economic development and environmental outcomes of emerging economies. Retaining customers in any industry is one of the biggest challenges today, and more so in the fashion industry, where competition is very high and customer loyalty very fickle, which has to be earned not just by the look of the garment but also through quality. Therefore, it is imperative that apparel brands world over follow strict quality guidelines right from product designing to quality of inputs to sewing and packaging the product. This critical journey even involves managing the quality of the machines on which the product is made to the way the after-sales services are carried out. Effectively managing quality of all the above materials and processes is a major challenge, mainly for the reason that the complete cycle requires human intervention and humans make mistakes. This book is an honest endeavour to comprehensively cover implementation of all the possible tools, techniques and methodologies which encompass the concept of 'quality' for the apparel industry such as quality control, quality assurance and total quality management system. All the concepts have been fortified by case studies on the implementation process with detailed discussion and final outcome. These would not only enable the industry to move forth on the path of consistent improvement but would also support it to remain in sync with the rapidly evolving technological world of today. Automation in Garment Manufacturing provides systematic and comprehensive insights into this multifaceted process. Chapters cover the role of automation in design and product development, including color matching, fabric inspection, 3D body scanning, computer-aided design and prototyping. Part Two covers automation in garment production, from handling, spreading and cutting, through to finishing and pressing techniques. Final chapters discuss advanced tools for assessing productivity in manufacturing, logistics and supply-chain management. This book is a key resource for all those engaged in textile and apparel development and production, and is also ideal for academics engaged in research on textile science and technology. Delivers theoretical and practical guidance on automated processes that benefit anyone developing or manufacturing textile products Offers a range of perspectives on manufacturing from an international team of authors Provides systematic and comprehensive coverage of the topic, from fabric construction, through product development, to current and potential applications

The role of quality assurance is to ensure that once a specification has been agreed, every product and every production run meets that standard. The Fundamentals of Quality Assurance in the Textile Industry describes how quality professionals in the apparel industry coordinating with overseas factories can ensure excellence. The author explains what tools are required and how to manage products from style conception to finished production and the methods used to track and evaluate samples and production at each stage of the critical path. This book reinforces the concept that quality assurance must become an integral part of the business and details crucial procedures that have been adopted internationally.

This book illustrates key sustainability issues in global textile and fashion value chains, by examining individual types of fibers either at a single step in or along the entire value chain. It approaches sustainability-related issues in the textile and fashion value chain from an interdisciplinary and holistic viewpoint, with each contribution linking questions on the textile and fashion value chain to various drivers, indicators and concepts of sustainability. Each chapter represents a single step in the textile and fashion value chain, exploring and considering a wide range of interwoven and interdependent technological, environmental, social, political and economic aspects. Various fibers, textile engineering and chemical treatment steps, as well as innovative business concepts and regulatory frameworks across the entire textile and fashion value chain are identified, analyzed, discussed and critically evaluated. The book provides a systematic overview of the

potential and challenges of sustainable textile and fashion value chains, making it of interest to practitioners and scientists in sustainability science, environmental economics, and business, management and innovation. Further, it offers a valuable source of information for industrial and mechanical engineering researchers, and for students in the areas of textile engineering, fashion, or the apparel and clothing industry.

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