Free ebook Managing operations across the supply chain the mcgraw hill irwin series in operations and decision sciences [PDF]

ebook: Managing Operations Across the Supply Chain Managing Operations Across the Supply Chain Food Engineering Innovations Across the Food Supply Chain Managing Operations Across the Supply Chain Collaborative Principles for Better Supply Chain Practice Loose Leaf for Managing Operations Across the Supply Chain LOOSE-LEAF MANAGING OPERATIONS ACROSS THE SUPPLY CHAIN Loose Leaf for Managing Operations Across the Supply Chain Dynamic Supply Chain Alignment Analysis of food demand and supply across the rural-urban continuum for selected countries in Africa Integral Logistics Management Managing Operations Across the Supply Chain Supply Chains and Total Product Systems The Definitive Guide to Supply Management and Procurement Essentials of Supply Chain Management Procurement and Supply Chain Management The Definitive Guide to Inventory Management Operations and Supply Management 4.0 Omni-Channel Retail and the Supply Chain Protean Supply Chain Second Across the Supply Chain Enterprise Supply Chain Management Integral Logistics Management In Real Time Loose Leaf Managing Operations Across the Supply Chain with Connect Plus Guide to Supply Chain Management Optimizing Your Supply-Chain Performance Supply Chain Metrics that Matter The Global Supply Chain Managing Operations Across the Supply Chain Innovation and Supply Chain Management Critically evaluate the development of Supply Chain Management over the last 30 years from its roots in physical distribution into a strategic boardroom level business issue Financing Trade and International Supply Chains The Oxford Handbook of Supply Chain Management Handbook Integral Logistics Management The Definitive Guide to Inventory Management Managing Global Supply Chain Relationships: Operations, Strategies and Practices Integral Logistics Management Becoming a Supply Chain Leader Supply Chain Financial Management

ebook: Managing Operations Across the Supply Chain 2016-09-16

ebook managing operations across the supply chain

Managing Operations Across the Supply Chain 2013-01-14

the second edition of managing operations across the supply chain provides a global supply chain perspective of operations management and in supply chain management courses that do not require an operations management prerequisite the second edition explains familiar operations management topics as viewed through a supply chain management perspective and reflects key shifts in operations management including transitions that demand new tools concepts and approaches to address the demands and challenges business face today and will in the future connect is the only integrated learning system that empowers students by continuously adapting to deliver precisely what they need when they need it and how they need it so that your class time is more engaging and effective

Food Engineering Innovations Across the Food Supply Chain 2021-12-05

food engineering innovations across the food supply chain discusses the technology advances and innovations into industrial applications to improve supply chain sustainability and food security the book captures the highlights of the 13th international congress of engineering icef13 under selected congress themes including sustainable food systems food security advances in food process engineering novel food processing technologies food process systems engineering and modeling among others edited by a team of distinguished researchers affiliated to csiro this book is a valuable resource to all involved with the food industry and academia feeding the world's population with safe nutritious and affordable foods across the globe using finite resources is a challenge the population of the world is increasing there are two opposed sub populations those who are more affluent and want to decrease their caloric intake and those who are malnourished and require more caloric and nutritional intake for sustainable growth an increasingly integrated systems approach across the whole supply chain is required focuses on innovation across the food supply chain beyond the traditional food engineering discipline brings the integration of on farm with food factory operations the inclusion of industry 4 0 sensing technologies and internet of things iot across the food chain to reduce food wastage water and energy inputs makes a full intersection into other science domains operations research informatics agriculture and agronomy machine learning artificial intelligence and robotics intelligent packaging among others

Managing Operations Across the Supply Chain 2016-08

hyper competition and globalization mean that markets are changing there is aggressive competition shortening product life cycles financial pressures and ever more demanding customers and consumers companies need to adopt new practices and new ways of thinking so they are looking at collaboration across supply chains to become more sustainable efficient and economical collaborative principles for better supply chain practice looks at behavioural and commercial collaborative business principles and their application by means of case studies which showcase collaboration success across the private public and 3rd sectors collaborative principles for better supply chain practice covers different perspectives the client looking down the supply chain the suppliers looking up the supply chain and the inter dependencies of organizations horizontally across the supply chain the book explores operational and project type environments in different industry sectors which will help you think about your supply chain differently and optimize your processes to achieve supply chain excellence online supporting resources include a bonus chapter and a roadmap on negotiations

Collaborative Principles for Better Supply Chain Practice 2018-09-03

the fourth edition of managing operations across the supply chain offers a global supply chain perspective of operations management treatment that embraces the foundations of operations management but includes new frameworks concepts and tools to address the demands of today and changing needs of the future we live in dynamic and exciting times due to many changes affecting nearly every aspect of business including operations management this fourth edition reflects key shifts in operations management connect is the only integrated learning system that empowers students by continuously adapting to deliver precisely what they need when they need it and how they need it so that your class time is more engaging and effective

Loose Leaf for Managing Operations Across the Supply Chain 2019-02-19

the second edition of managing operations across the supply chain provides a global supply chain perspective of operations management and in supply chain management courses that do not require an operations management prerequisite the second edition explains familiar operations management topics as viewed through a supply chain management perspective and reflects key shifts in operations management including transitions that demand new tools concepts and approaches to address the demands and challenges business face today and will in the future connect is the only integrated learning system that empowers students by continuously adapting to deliver precisely what they need when they need it and how they need it so that your class time is more engaging and effective

LOOSE-LEAF MANAGING OPERATIONS ACROSS THE SUPPLY CHAIN 2013-01-14

managing operations across the supply chain offers a global supply chain perspective of operations management a treatment that embraces the foundations of operations management but includes new frameworks concepts and tools to address the demands of today and changing needs of the future we live in dynamic and exciting times due to many changes affecting nearly every aspect of business including operations management this third edition reflects key shifts in operations management connect is the only integrated learning system that empowers students by continuously adapting to deliver precisely what they need when they need it and how they need it so that your class time is more engaging and effective

Loose Leaf for Managing Operations Across the Supply Chain 2016-07-22

just like the world financial system but for different reasons 21st century corporations need a new business model for their enterprise supply chains the old conventions no longer work in this new world of volatile and increasingly unpredictable demand and supply the enterprise needs to become more connected to its own parts as well as its partners up and down the chains it participates in so too we need to embrace new ways of looking at customers to gain deeper more insightful impressions of what they are telling us about the way they want to buy our products and services finally these signals need converting into corresponding action driven by the people in the business leaders and staff alike who are aligned to their customers wishes this is the world of dynamic supply chain alignment where increasingly supply chains are the business in the follow up to his hugely successful strategic supply chain alignment john gattorna s dynamic supply chain alignment explores how to create and sustain multiple supply chains with a level of flexibility and responsiveness that allow you to respond to opportunities and threats at the same time aligning with your suppliers your partners and your customers when more executives get to this stage of development the profits will flow more readily and sustainability of performance will not be the same issue it is today the way forward is right there in front of us but says john gattorna we must throw off old ways and embrace the new

Dynamic Supply Chain Alignment 2016-04-29

this background paper to the state of food security and nutrition in the world 2023 analyses a key element of agrifood systems transformation the change of patterns in food supply and demand several studies have discussed this topic but the current one takes an innovative perspective of analysis considering these changes with a spatial perspective using the urban rural catchment areas urca approach to analyse changes in food expenditure across the rural urban continuum using living standards measurement studies lsms of 11 african countries the analysis is preceded by a literature review of agrifood value chains transformation stages drivers and current situation focused in low and middle income countries lmics and is followed by a macro review of food supply around the world and a macro meso review of the supply of wheat and rice in two african countries the conclusions shows that most food is purchased in addition the results show a diffusion of the consumption of processed foods including in a lesser extent highly processed foods all across the rural urban continuum and not only in rural areas from a food supply perspective the low global availability of foods that are part of a healthy diet as fruits vegetables and legumes nuts and seeds calls for increasing efforts for producing more nutritious foods in all countries of the world

Analysis of food demand and supply across the rural-urban continuum for selected countries in Africa 2023-12-15

from the foreword of the first edition of integral logistics management operations and supply chain management within and across companies changes in the world outside the company alter the way that we look at problems and priorities in the company itself this presents new challenges to company logistics and to planning control of corresp

Integral Logistics Management 2011-08-04

we continue to live in dynamic and exciting times recent years have seen many changes that have affected nearly every aspect of business including operations management in this fifth edition of our book we continue to reflect key shifts in operations management including transitions from a focus on the internal system to a focus on the supply chain in today s highly competitive business environment organizations must leverage the capabilities of their suppliers and customers operations managers must look beyond the four walls of the firm and take an integrated supply chain perspective of operations from a local focus to a global focus as thomas 1 friedman pointed out the world is indeed flat business solutions generated in argentina are used to meet needs in the united states and parts built by suppliers located in china are used to assemble cars in canada commercial needs have overcome to a large part national borders presenting new opportunities and challenges for operations managers

Managing Operations Across the Supply Chain 2024

this wide ranging reader locates supply chain management leanproduction and related practice within the holistic concept oftotal product systems demonstrates the strategic relevance of managing supply chainsand supply networks to organizational performance and to a range ofbusiness functions including finance design production environmental management information systems and marketing considers sustainable supply chain management across theservice manufacturing and process sectors reflects the radical changes in organizational beliefs practices and processes that are necessary for a shift to supplychain management in contemporary global competitiveconditions considers particular issues and challenges for micro small and medium sized enterprises contains readings that are interdisciplinary and internationalin focus

Supply Chains and Total Product Systems 2009-02-04

drive sustainable supply chain competitive advantage through more effective supplier management and procurement reduce costs improve quality and deliver better service for all customers this is the most authoritative complete guide to planning implementing measuring and optimizing supply management and procurement processes straight from the council of supply chain management professionals cscmp it brings together up to the minute principles strategies and decisions for all relevant processes strategies and tactics step by step the definitive guide to supply management and procurement covers all this and more basic supply management concepts purposes and goals linkages between procurement and other business functions day to day transactional and long term strategic activities category analysis supplier selection contract negotiation supplier relationship management and performance evaluation principles and strategies for establishing efficient effective and sustainable operations from sourcing teams to supplier rationalization technology for spend analysis competitive bidding eprocurement esourcing auctions reverse auctions contract compliance performance management and more requirements and challenges of global sourcing including insource vs outsource decisions tco analysis risk management negotiations and supplier contract compliance best practices for assessing performance using standard metrics and frameworks

The Definitive Guide to Supply Management and Procurement 2013-12-17

popular guide to the field and comprehensive text presenting the most crucial tenets and concepts of supply chain management in the newly updated fifth edition of essentials of supply chain management supply chain veteran michael hugos delivers a contemporary discussion of supply chain operations he explains the supply chain issues and pitfalls companies are most likely to face in the modern marketplace and shows how to address them using both traditional and novel strategies the author describes supply chain innovation strategies based on his real world experience and case studies and examples that have been proven to work in countries around the world you ll learn about the supply chain operations reference scor model a globally relevant standard diagnostic tool for supply chain management techniques to improve risk management and resilience across your organization s entire supply chain new issues in supply chain sustainability as well as how the latest technologies are enabling real time operating improvements up and down the supply chain perfect for logistics and supply chain professionals and students essentials of supply chain management will remain a must read for practitioners managers executives board members and other business leaders in organizations of all types and sizes

Essentials of Supply Chain Management 2024-04-02

this book clearly presents emerging concepts and strategies for managing a modern procurement and supply chain function in both public and private sector organizations in a competent and professional manner

Procurement and Supply Chain Management 2015-02-25

inventory management is a critical component of supply chain management addressing how much inventory should be carried across the supply chain where to carry it and how much safety stock is required to meet the organization s cost and customer service objectives now there s an authoritative and comprehensive guide to best practice inventory management in any organization authored by world class experts in collaboration with the council of supply chain management professionals cscmp this text gives students and practitioners a thorough understanding of each leading approach to managing supply chain inventories and the variables that drive decisions about inventory levels it discusses the fundamental need for inventory how product value affects inventory decisions how to determine inventory levels how the number of inventory locations affects inventory levels and new approaches to reducing inventory coverage includes basic inventory management goals roles concepts purposes and terminology including periodic inventory perpetual inventory safety stock cycle count abc analysis carrying and stockout costs and more key inventory management elements processes and interactions principles strategies for establishing efficient and effective inventory flows the critical role of technology in inventory planning and management new approaches to reducing inventory including postponement vendor managed inventories cross docking and quick response systems understanding essential trade offs between inventory and transportation costs including the impact of carrying costs requirements and challenges of global inventory management best practices for assessing inventory management performance using standard metrics and frameworks

The Definitive Guide to Inventory Management 2014

fierce competition globalisation and the permanent liberalisation of markets have changed the face of supply chains and operations drastically companies which want to survive in a hostile environment must establish the optimum combination of supply and operations this book provides a holistic and practical approach to operations management 4 0 and supply management 4 0 it combines operations and supply best practices across the value chain it explains comprehensively how these new paradigms enable companies to concentrate on value adding activities and processes to achieve a long term sustainable and competitive advantage the book contains a variety of best practices industry examples and case studies focusing on best in class examples the book offers the ideal guide for any enterprise in operations and supply in order to achieve a competitive advantage across all business functions focusing on value adding activities

Operations and Supply Management 4.0 2021-04-12

omni channel retail and the supply chain the days of going to the local department store to buy a television view the options available and make a purchase now seem quaint the emergence of the internet smartphones social media and other technologies has opened a world of new options for consumers and businesses to review research and buy online with an ever increasing array of delivery options the emergence of e commerce has resulted in what is commonly known today as omni channel marketing in which customers engage with companies in a variety of ways including in a physical store or online via websites and mobile apps this process puts the supply chain front and center as consumers are increasingly demanding and browsing buying and returning goods through various channels not just the traditional brick and mortar way to accomplish this with high levels of service while remaining profitable requires real time visibility of inventory across the supply chain and a single view of consumers as they continuously move from one channel to another while this is a boon to consumers it has made the already complex global supply chain even more challenging to manage on top of that the 2020 covid19 pandemic has accelerated this omni channel retail trend as consumers need even more ways to order and additional options for last mile delivery such as curbside pickup covid19 has exposed a lack of flexibility and readiness resulting in shortages of everything from toilet paper and meats to personal protective equipment ppe and ventilators it has been a real life example of the bullwhip effect where variability at the consumer end of the supply chain results in increased variability as one goes upstream towards distributors manufacturers and suppliers this results in shortages misallocations and increased costs no longer can a manufacturer distributor or retailer of consumer products just fill the pipeline and wait for orders to come in now they must anticipate various purchases and delivery items while at the same time minimizing costs to do this is no easy task requiring a lean agile and responsive supply chain until now there was no existing playbook for organizations to navigate their way through this new world this book describes the impact of omni channel marketing on the supply chain and logistics functions and is intended to help management meet the needs of not only today s ever changing world but to anticipate what may be required in the future to achieve superior customer service profitability and a competitive advantage

Omni-Channel Retail and the Supply Chain 2020-11-25

features emerging trends that are shaping supply chain operations worldwide as well as impacting the global business landscape beginning with the assertion that supply chains are an overlooked factor behind anemic economic growth protean supply chains ten dynamics of supply and demand alignment provides a comprehensive overview of the developments occurring in the field of supply chain management a broad range of topics in facility location inventory strategic sourcing and supply chain coordination are addressed in addition to coverage of major developments within the field the author s main position is that supply chains must be more than agile or flexible rather they must become protean and capable of changing shape in response to a volatile global business landscape the author a well known editor and researcher in the field presents current real world examples combined with insights into the impact of recent trends that are expected to affect the global business landscape over the next decade highlighting companies with leading edge supply chains as examples the book discusses methods to reduce spending increase revenues and achieve streamlined productivity in a changing economic climate the book utilizes further examples from the growth of online retailing and automation in distribution centers as well as the use of protean supply chains to gain competitive advantages internationally in addition the book features the following ten emerging trends which are shaping supply chain operations worldwide the rise of regional theaters of supply global risk management through control towers customer segmentation real demand realization demand swing alignment with production and distribution omnichannel retailing challenges customer of one service sustainability challenges collaboration vs competition in the new economy financial dynamism the book is an ideal reference for professionals and practitioners in operations research business management science applied mathematics and industrial engineering as well as an appropriate supplement for undergraduate and graduate level courses in supply chain management

Protean Supply Chains 2014-05-23

enterprise supplychain management integrating best in class processes is supply chain management all about forecasting or is it just a warehousing and transportation function demystifying the mystery supply chain management is for many enterprise supply chain management integrating best in class processes offers a comprehensive look at the role of this field within your own organization written by industry leader vivek sengal this book invites you to evaluate your current supply chain practices and leverage its best in class concepts to your own challenges drawing from the author s abundant research and analysis this resourceful book shows how to manage a supply chain across an enterprise encompassing technological financial procurement and operational issues you will find in this book a thoroughly functional view of supply chain so you can readily understand the meaning of processes and where they fit into your company s big picture this essential book covers a primer on supply chain and finance elements of a supply chain model the scope of the supply chain demand and supply planning supply chain network design transportation and warehouse management supply chain collaboration reverse logistics management supply chain technology whether you are a business manager an it manager or a supply chain student if you are looking for more of a comprehensive understanding of what each of the supply chain processes in your organization brings to the table and how each functions as part of the whole enterprise supply chain management integrating best in class processes is for you immensely functional on all aspects of supply chain management this guide clearly explains how each process works and the relationships among them allowing you to start implementing best in class approaches in your organization

Food Waste Across the Supply Chain 2016

simplified theories magic formulas and popular catchwords will only take you so far when dealing with real world logistics operations and supply chain management scenarios the complex reality of day to day operations in organizations within industry and the service sector demands highly diligent work integral logistics management operations and supply chain management within and across companies fifth edition prepares students to tackle the logistical planning and managerial challenges they ll face on the job it covers both the theoretical and practical aspects of the differing characteristics tasks methods and techniques of planning and control in company logistics updates to this edition include an additional chapter on supply chain design encompassing a major section on the integrated design of production distribution retail service and transportation networks an extended section on sustainability in supply chains comprising the measurement of environmental performance an expanded chapter on product families and one of a kind production containing new methods for the engineer to order production environment new sections on the use of available to promise and capable to promise methods as well as the use of enabling technologies toward personalized production the book examines the logistical characteristics of product variety including made to order assemble to order engineer to order and additive manufacturing for personalized orders the material in the text covers most of the key terms in the five cpim modules contained in the apics cpim exam content manual as well as in the cscp program making it an ideal self study resource as with the previous edition the text provides readers with online access to interactive macromedia flash elements and other helpful downloads the book s website has been updated with further learning materials and the comprehensive index has also been expanded summaries key words cases and exercises are included in each chapter

Enterprise Supply Chain Management 2009-06-01

the age of the real time supply chain has finally arrived thanks to an emerging technology construct the internet based mega portal companies can now connect instantaneously with suppliers distributors manufacturers customers and alliance partners around the world online access to up to the minute information enables companies to improve communication and project management across the entire supply chain promote collaboration across departments and enhance customer service and financial operations the results are stunning for example a recent survey reports dramatic increases in revenues and customer retention and decreases in operating costs and product cycle times drawing from extensive primary research this book presents detailed examples of how organizations as diverse as coca cola bottling company dell and the u s department of defense are creating information and communication hubs online and reaping the rewards the authors explain the basic technical and organizational infrastructure necessary for launching a mega portal and how its successful management can have profound impact on every area and function of the extended enterprise from strategy to logistics product development to customer service as imperative in real time offers a practical blueprint for building implementing and sustaining supply chains in today s rapidly changing environment

Integral Logistics Management 2018-09-03

this essential guide brings supply chain theory to life intended for readers with a business interest in supply chain management the book covers the key topics in eleven chapters including planning sourcing making delivering and returning as well as strategy people finance customer service and outsourcing each chapter starts with a brief summary and learning objectives that guide the reader through the text this second edition also explores digital sustainability and innovation impacts on today s global supply chains the book is written in a clear and simple way featuring a variety of figures tables and recommendations for further reading the respective chapters conclude with real life case studies from different companies illustrating best practices in the course of their work the authors have met professionals all over the world who are passionate about their business achievements by including their vivid examples the guide brings theory to life enabling readers to understand and embrace the concepts and ideas presented colin scott henriette lundgren and paul thompson are experts in supply chain management and have worked with practitioners in businesses across the globe endorsement this guide is a really useful reminder of what good practice is and how it should be applied within supply chain management the book is relevant for students of supply chain management and professional practitioners alike this book offers an invaluable guide to understanding the specific dynamics of your supply chain and the fundamentals underpinning it it provides the framework for delivering a supply chain strategy based upon recognised best practice martin mecourt ceo dyson limited

In Real Time 2004-07-30

most companies are continuously trying to reduce their supply chain costs time to market and inventory optimizing your supply chain performance how to assess and improve your company s strategy and execution capabilities presents the how to s and a few how not to s for conducting assessments of companies supply chains as well as identifying areas for improvement it covers techniques tools and methodologies for evaluating current working methods current state versus industry best practices and operational optimization it identifies performance gaps and suggests planning and implementing improved ways of working the future and ideal states with a collection of approximately 40 case in point examples of supply chain transformation across a wide array of industries including fortune 1000 companies as well as foreign global leaders this book provides a detailed guide for assessing and improving organizational strategy and execution capabilities for inventory management order fulfillment sourcing and purchasing manufacturing planning scheduling and execution overall supply chain effectiveness business continuity planning essentially this book provides basic knowledge for assessing improving and optimizing the end to end supply chain and the case in point examples assist in breaking down theories into simple actionable improvement activities the author stresses the importance of business continuity and provides grassroots approaches to identifying risks based on the author s vast experience out in the field it gives professionals a new perspective and inspires them to seek world class performance

Loose Leaf Managing Operations Across the Supply Chain with Connect Plus 2009-10-01

how to conquer the effective frontier and drive improved value in global operations growth has slowed volatility has increased and the world is more global brands are defined by innovation and services supply chain excellence matters more than ever it makes a difference in corporate performance one cannot snap their fingers and deliver supply chain success it happens over the course of many years it is measured in inches not miles in this book the author evaluates the progress of over a hundred companies over the period of 2006 2013 success drives value the effective supply chain makes a difference in winning a war saving a patient and driving commerce but it also makes a difference in a community having clean air potable water and a standard of living mistakes are hard to overcome supply chain metrics that matter tells this story the book links corporate financials to supply chain maturity in the book the author analyzes which metrics matter

the author lora m cecere is a supply chain researcher as well as an authority in supply chain technology she helps companies gain first mover advantage in the book cecere provides concrete actionable steps to align and balance the supply chain to drive value the book explores the crossover between supply chain efficiency and financial growth with topics such as outlining the metrics that matter the metrics that don t progress in industry sub segment in improving inventory cash productivity and margin the management techniques that improve performance sharing insights on how metrics change as the supply chain matures the roadmap to improve performance today supply chains are global and dynamic they are rapidly evolving companies that constantly seek out new solutions and opportunities for improvement drive differentiation in a market where growth is stalled and many companies are stuck in driving supply chain performance this book provides a clear concise framework for a more modern effective supply chain

Guide to Supply Chain Management 2018-06-01

this book provides readers an in depth understanding of the inner mechanisms and principles of the global supply chain authored by the head of supply chain and transport industries at the world economic forum it draws on a wealth of operational and managerial expertise in the global supply chain industry that drive the world s economies the book analyzes the importance and impact of globally networked sourcing production and distribution and presents detailed information on the opportunities limitations and challenges of linear value and supply chain systems building on a series of recent industry cases and with a focus on the latest developments in actual business processes and models it reveals how the transformation toward circular supply chains and regenerative resource management forms the basis for success and sustainability in business the book brings together technical social political and geographical trends suggesting how supply chain management can lead the quest for many of the world s most pressing challenges yossi sheffi professor of engineering mit head mit center for transportation and logistics this book provides an essential roadmap guiding the reader easily through complex developments and concepts john manners bell ceo transport intelligence and honorary visiting professor guildhall business school london with strategic foresight lehmacher develops a vision of a circular economy within which consumer manufacturer and logistics companies assume collective responsibility for sustainable value creation alfred talke group managing director alfred talke logistic services those who are active in logistics and supply chain management in practice or academia will discover a fresh view on the whole field of activity beyond the day to day business prof dr ing thomas wimmer chairman of the executive board byl international

Optimizing Your Supply-Chain Performance 2019-06-25

resource added for the business management program 101023

Supply Chain Metrics that Matter 2014-12-22

this book examines key issues challenges opportunities and trends in innovation processes and supply chain management it proposes ways for organizations to improve their performance by developing business strategies establishing business innovation activities and aligning business and innovation activities among firms further it showcases and analyzes the implementation of inter and intra organizational process improvement activities and the implementation of organizational innovation solutions to address new product and process related collaborative relationships across the supply chain the book is useful for researchers academics and professionals presenting some of the most advanced research concepts and case studies on the relationship between innovation and supply chain

The Global Supply Chain 2017-01-28

essay from the year 2012 in the subject business economics supply production logistics grade 1 heriot watt university edinburgh language english abstract the real challenge is to improve the capabilities across supply chains significantly in order to drive out cost and realize revenue benefits fast gattorna 2003 p 4 this statement both demon strates the importance for enterprises and emphasizes the complexity of the supply chain require ments these days in times of strong competition almost everywhere it is especially important to meet customer needs and thus achieving high levels of service taylor 1997 p 3 but where does supply chain management scm have its roots and what stands behind it the purpose of this essay is to critically evaluate the development of scm it will both include an explanation of the differences between logistics and scm and its reasons as well as an explana tion why supply chain managers are now part of the senior management group therefore the history of physical distribution logistics and scm will be mentioned these three central terms will be defined precisely and four academic strategic approaches will be introduced briefly

Managing Operations Across the Supply Chain 2011

the vast majority of international trade is supported by some form of trade financing a specialized sometimes complex form of financing that is poorly understood even by bankers and seasoned finance and treasury experts financing trade and international supply chains takes the mystery out of trade and supply chain finance providing a practical straightforward overview of a discipline that is fundamental to the successful conduct of trade trade that contributes to the creation of economic value poverty reduction and international development while increasing prosperity across the globe the book suggests that every trade or supply chain finance solution no matter how elaborate addresses some combination of four elements facilitation of secure and timely payment effective mitigation of risk provision of financing and liquidity and facilitation of transactional and financial information flow the book includes observations on the effective use of traditional mechanisms such as documentary letters of credit as well as an overview of emerging supply chain finance solutions and programs critical to the financing financial institutions is explored and innovations such as the bank payment obligation are addressed in detail financing trade and international financial supply chains is a valuable resource for practitioners business executives entrepreneurs and others involved in international commerce and trade this book balances concept with practical insight and can help protect the financial interests of companies pursuing opportunity in international markets

Innovation and Supply Chain Management 2018-04-28

supply chain management contends with structures and processes for delivering goods and services to customers it addresses the core functions of connected businesses to meet downstream demand this innovative volume provides an authoritative and timely guide to the overarching issues that are ubiquitous throughout the supply chain in particular it addresses emerging issues that are applicable across supply chains such as data science financial flows human capital internet technologies risk management cyber security and supply networks with chapters from an international roster of leading scholars in the field the oxford handbook of supply chain management is a necessary resource for all students and researchers of the field as well as for forward thinking practitioners

Critically evaluate the development of Supply Chain Management over the last 30 years from its roots in physical distribution into a strategic boardroom level business issue 2012-11-21

this well established handbook presents integral logistics management as the management of the flow of goods data and control along the comprehensive life cycle of products and services in both classical and service industries it offers a well founded overview for managers practitioners and advanced users for the 6th edition the content has been tightened and the following topics have been extended the design of integrated offers of intangibles and tangibles goods in industrial product service systems the integrated design of product distribution retail service and transportation networks for global location planning new examples of frameworks standards and indices to practically demonstrate the social and environmental performance in sustainable in supply chains other new sections deal with the benefit of different types of cooperation between the r d and engineering departments in companies with an engineer to order eto production environment the suitability of scenario planning for long term demand forecasting if influence factors of the surrounding systems play a role in an unknown manner furthermore each section now contains at the beginning its intended learning outcomes ilo the material covers most of the key terms in the five apics cpim certified in production and inventory modules as well as in the ascm apics cscp certified supply chain professional program

Financing Trade and International Supply Chains 2016-04-15

recent news events related to quality in global supply chains have called attention to the need for more research on supply chains that operate in a global context indeed it would be difficult to find a supply chain that does not cut across national boundaries at some point the presence of global supply chains introduces a number of new management challenges managing global supply chain relationships operations strategies and practices focuses on issues related to relationships among members of global supply chains this comprehensive work addresses three important aspects of global supply chain relationships supply chain integration and collaboration outsourcing and offshoring of production and recent growth in supplier networks

The Oxford Handbook of Supply Chain Management 2021-08-30

from the foreword of the first edition of integral logistics management operations and supply chain management within and across companies changes in the world outside the company alter the way that we look at problems and priorities in the company itself this presents new challenges to company logistics and to planning control of corresponding business processes written almost twelve years ago these words are perhaps more true now than ever before incorporating the elements that made previous editions so popular with students and professors the fourth edition reflects the expansion of the role of supply chain management to include all areas of industry and all objects in the product life cycle new in the fourth edition assessing the economic value added of supply chain initiatives local content regulations and tariff orientation in a supply chain total cost of ownership tco in a global supply chain facility location planning expanded sustainable supply chains supply chain risk management information management each chapter includes summaries keywords cases and exercises definitions of key concepts and terms are boxed for emphasis and important principles examples points to remember prescribed procedures steps of a technique or solutions for selected scenarios and exercises are highlighted with a gray background additional interactive macromedia flash elements are made available for download from the book s companion website magic formulas catchwords and simplifying theories do not stand much of a chance in logistics operations and supply chain management the complex reality of day to day operation of companies in industry and the service sector demands highly diligent detailed work covering all of the critical details in this area the book equips students for tackling the logistics planning and managerial challenges they ll most certainly have to face

Handbook Integral Logistics Management 2022-09-24

the book explains how to emerge and grow as a supply chain leader and details supply chain and procurement processes and operational activities in real work scenarios across multiple supply chain verticals the book defines what an entry level supply chain professional must do to excel in various types of supply chain verticals such as it electronics manufacturing pharmaceutical retail and consumer goods apart from helping professionals understand vertical specific nuances this book helps them to set both short term goals for annual performance review and longer term career planning in addition for a mid or senior level supply chain professional the book offers ideas on ways to launch initiatives and demonstrate leadership to foster career growth it offers ideas about unlocking new values for the organization and creating a data driven decision support platform to gain financial efficiency for better management of capex and opex spend thus improving the bottom line the book includes a tool kit which includes operational data models financial models and presentation templates for creating and socializing proposals intended for cross functional teams and demonstrating supply chain leadership the book is divided into four major parts in part i the book starts with an overview of key concepts in a manufacturing supply chain and procurement organization it describes current forms of modern global supply chain and corporate procurement organizations the objective of part ii is to provide a framework for a self directed supply chain manager to understand how a large organization evaluates the contribution of supply chain managers and where it expects them to create value to foster career growth as a supply chain professional the book identifies six key knowledge pillars for demonstrating supply chain mastery technical and market knowledge of the end product and its constituents knowledge of internal product development and sustaining processes and supporting consumption data health and market condition of the supplier ability to create value ability to build internal and external executive relationships with key influencers ability to obtain best cost without compromising on quality and lead time negotiating cost sourcing material and then the logistics of moving the raw material through multiple stages and finally finished materials across the globe are some of the key areas which need continuous improvement as a sentinel of efficiency removing any kind of wastage leads to immediate value creation and contributes to the margin by improving the bottom line in part iii the book reviews twelve such verticals namely printer medical it energy automotive cloud dairy data management avionics biotech apparel and start up and the supply chain nuances through the lenses of the framework created in part ii in part iv the book goes back to focus on the professional growth of an individual supply chain person in an industry agnostic way it provides examples of financial and operational efficiencies that a supply chain professional can create

The Definitive Guide to Inventory Management 2014

readers will gain the financial perspective of their primary responsibilities of effectively managing working capital and inventory investments evaluating and selecting suppliers developing supplier performance capabilities managing costs across the supply chain and sourcing internationally designed for self learning training and course instruction this book shows readers how to apply financial thinking concepts tools and approaches to their scm activities to better understand and manage them as well as the way in which to present the impact of their performance results in financial terms that corporate executives and finance professionals understand and care most about it bridges the gap between theory and application and the divide between scm and finance to meet the next level of demands of the global marketplace for improved performance and competitive advantage Managing Global Supply Chain Relationships: Operations, Strategies and Practices 2010-10-31

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