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A FUZZY AHP APPROACH FOR SUPPLIER SELECTION PROBLEM: A CASE STUDY IN A GEAR MOTOR COMPANY

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ABSTRACT

Supplier selection is one of the most important functions of a purchasing department. Since by deciding the best supplier, companies can save material costs and increase competitive advantage. However this decision becomes complicated in case of multiple suppliers, multiple conflicting criteria, and imprecise parameters. In addition the uncertainty and vagueness of the experts' opinion is the prominent characteristic of the problem. Therefore an extensively used multi criteria decision making tool Fuzzy AHP can be utilized as an approach for supplier selection problem. This paper reveals the application of Fuzzy AHP in a gear motor company determining the best supplier with respect to selected criteria. The contribution of this study is not only the application of the Fuzzy AHP methodology for supplier selection problem, but also releasing a comprehensive literature review of multi criteria decision making problems. In addition by stating the steps of Fuzzy AHP clearly and numerically, this study can be a guide of the methodology to be implemented to other multiple criteria decision making problems.

KEYWORDS

Supplier Selection, Fuzzy AHP, Multi Criteria Decision Making.

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Green Supply Chain Management: A Review And Research Direction

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ABSTRACT

Green Supply Chain Management (GSCM) has appeared as an environmental innovation which integrates environmental concerns into supply chain management. GSCM has gained popularity with both academic and practitioners. The purpose of the paper is to briefly review the recent literatures of the GSCM and also determine the new direction area of this emerging field. A detailed review is used to sort out the literature and develop the research direction of the study. The review is focused on development of GSCM in a developed and developing countries including all those researchers which is relevant to environmental and social sustainability towards operation management and the supply chain. It shows that lack of researches to examine the adoption and implementation of GSCM practices especially in developing countries such as Malaysia. Thus, the authors bring forward a proposed research direction on GSCM adoption and implementation in Malaysia's manufacturing industries.

KEYWORDS

Supplier Selection, Fuzzy AHP, Multi Criteria Decision Making.

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ISSUES AND CHALLENGES IN THE SUPPLY CHAIN OFFRUIT& VEGETABLESECTORININDIA:AREVIEW

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ABSTRACT

Research limitations/implications- The authors have focuses only on Fruits and Vegetables sector,authorsmay look atother sector like food processingunit, cold chain andother perishableitemssuch as meat, dairy industry, chocolate, beverages etc. Practical implications-Overcoming

theseissuesandchallengeswillbenefitthedecisionmakersandvariousstakeholderslikethefarmers,state government, transporters and food processing unit to understand the current status, issues andchallenges for better planning and management in the field of fruits and vegetables supply chain.Originality/value- Most of the prior literature have been focused on thegeneral issues like coldchain, marketing efficiency etc. of fruit and vegetables supply chain. There exists a need of havingreview on supply chain specifically in F&V sector, identifying all the factors affecting it and suggestmitigation strategies. This review fillsthis gapin theliteratureofsupply chain managementofFruitsandVegetablessector.InternationalJournalofManagingValueandSupplyChains(IJ MVSC)Vol. 6, No. 2,June 2015 48

Keywords

Fruits&Vegetables,SupplyChainManagement, Inefficiency,Infrastructure,Wastage

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Application of fishbone analysis for evaluating supply chain and business process a case study on the St James Hospital

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ABSTRACT

Conducting business is certainly not the easiest thing to do in this hyper-competitive business fraternity. The scenario for the manufacturing firms is even more challenging as their value chain is the longest and widest by every consideration. Therefore, it is immensely vital for the manufacturing operators to analyze their supply chain properly so that they can establish a real good one in their armoury. The fishbone analysis is a tool for analyzing the business process and its effectiveness. It is also commonly referred as

—Ishikawa Diagram because it was invented and incorporated by Mr. Kaoru Ishikawa, a Japanese quality control statistician. It is defined as a fishbone because of its structural outlook and appearance. The fishbone analysis is a tool for analyzing the business process and its effectiveness. This study was intended towards evaluating the supply chain and business process of St. James Hospital. The analysis reveals that the problem areas are lack of proper equipment, faulty process, misdirected people, poorly managed materials, improper environment, and inefficient management.

KEYWORDS

Fishbone, St James Hospital, Business Process, Supply Chain

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**FACTORS AFFECTING CUSTOMERS' BUYING DECISIONS OF MOBILE
PHONE: A STUDY ON KHULNA CITY, BANGLADESH**

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ABSTRACT

Mobile phone has diverse usages to different users in accordance with their necessities. With dramatic increase in mobile phone usage in recent years, people take into account various factors while they decide purchasing a mobile phone. This study has put efforts to uncover the underlying factors that affect customers in choosing mobile phone. Data were collected from those people who live in Khulna city maintaining equal ratios of various groups like male, female, businessmen, employees, students and others (mostly housewives). To select desired respondents, convenient sampling method was used. A structured questionnaire designed based on previous study with five point Likert scale was used to interview respondents. Factor analysis was applied to extract the underlying factors affecting mobile phone purchasing decision. The results show that the most important factor is physical attributes. Some other factors are pricing, charging and operating facilities, size and weight, friends' and colleagues' recommendations, neighbors' recommendations and advertising.

KEYWORDS

Mobile Phone, Purchasing Decisions, Customer Choice.

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AN INNOVATIVE APPROACH FOR EGOVERNMENT TRANSFORMATION

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ABSTRACT

Despite the immeasurable investment in e-government initiatives throughout the world, such initiatives have yet to succeed in fully meeting expectations and desired outcomes. A key objective of this research article is to support the government of the UAE in realizing its vision of e-government transformation. It presents an innovative framework to support e-government implementation, which was developed from a practitioner's perspective and based on learnings from numerous e-government practices around the globe. The framework presents an approach to guide governments worldwide, and UAE in particular, to develop a top down strategy and leverage technology in order to realize its long term goal of e-government transformation. The study also outlines the potential role of modern national identity schemes in enabling the transformation of traditional identities into digital identities. The work presented in this study is envisaged to help bridge the gap between policy makers and implementers, by providing greater clarity and reducing misalignment on key elements of e-government transformation. In the hands of leaders that have a strong will to invest in e-government transformation, the work presented in this study is envisaged to become a powerful tool to communicate and coordinate initiatives, and provide a clear visualization of an integrated approach to e-government transformation.

KEYWORDS

e-Government, Transformation, National ID Schemes.

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The Relationship between Organizational Innovations, Internal Sources of Knowledge and Organizational Performance

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ABSTRACT

This research examines the importance of internal sources of knowledge and its relationship with organizational innovation and organizational performance. We did this research on a sample of 200 Tunisian companies operating in different sectors. Our study was built mainly on the basis of quantitative method. The data collection method is the questionnaire as part of a hypotheticaldeductive approach and the mode of administration is self-administered survey and e-mail survey. The empirical verification of the assumptions of this research has led us to confirm the relationship between internal and external sources of knowledge with organizational innovation and organizational performance and to infirm the relationship between organizational innovation and organizational performance.

KEYWORDS

Organizational innovation, internal sources of knowledge, organizational performance

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ADOPTING AGILE SOFTWARE DEVELOPMENT: ISSUES AND CHALLENGES

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ABSTRACT

In the recent few years more and more software development organizations are striving to adopt agile software development methods and techniques. Successful agile adoption leads to producing higher quality software, enhanced developers morale and a lower cost than the traditional water wall model approach. However, Agile adoption always comes with special challenges and accordingly, fundamental organizational changes are necessary for successful outcome. The main contribution of this paper is that we present a case study for agile adoption case in a government entity in the U.A.E and we compare and analyze the outcomes obtained with other published case studies in this domain.

KEYWORDS

Agile development, Scrum, Agile adoption, waterfall methodology, software engineering, case study, adoption challenges

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**EFFECT OF SUPPLIER RELATIONSHIP MANAGEMENT ON
THEEFFECTIVENESS OF SUPPLY CHAIN MANAGEMENT IN THE
KENYAPUBLICSECTOR.**

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ABSTRACT

The main objective of the study was to assess factors affecting the effectiveness of supply chainmanagement practices in Kenyan public sector case of Ministry of Finance with the aim ofassessing the effect of supplier relationship on the effectiveness of supply chain managementpractices. The study adopted a descriptive case research design with study population of 120management staff working at the Ministry of finances' procurement, finance and administrationdepartments from which a sample size of 60 respondents was drawn. Questionnaires were usedfor data collection and descriptive statistics data analysis method was applied to analyze dataaided by Statistical Package for Social Sciences. The study identified that lack of supplierrelationshipmanagementstrategiesloweredtheeffectivenessofsupplychainmanagementfunctons.Thestudyrecommended application ofsupplier collaborationstrategies.

KEYWORDS

Procurement,SupplierandCustomer Relationship,SupplyChainManagement

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SUPPLY CHAIN MANAGEMENT IN INDIAN AUTOMOTIVE INDUSTRY : COMPLEXITIES, CHALLENGES AND WAY AHEAD

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ABSTRACT

The Indian automotive industry, comprising vehicle and component manufacturers, has grown steadily since the economic liberalization of the early 1990's. The arrival of major global auto companies has galvanised the domestic sector into adopting Supply Chain best practices. This has enhanced competitiveness leading to a quantum growth in exports. However, the Indian automotive industry has to operate in an unique environment further posing challenges to the already complex automobile supply chain. Therefore, a need is felt to continually study supply chain practices in this sector from a contemporary, practitioner's viewpoint in order to identify key factors of differentiation which would ultimately provide competitive advantage. This paper seeks to understand the present status, complexities and challenges facing the Indian automobile sector. It examines trends such as visibility and innovation, collaboration and supply networks and evolving leadership roles impacting supply chain effectiveness. Strategies for overcoming challenges are presented as also a framework for further study and analysis.

KEYWORDS

Supply Chain Management, automotive industry, Supply Chain Challenges, Assembler-supplier synergy, India

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The Influence of Individual Factors on The Entrepreneurial Intention

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ABSTRACT

Today, no one is safe from forces and pressures, which are exerted on it, because of a significant number of the requirements in particular as regards competitiveness, the need for change, or the crises and the deregulations. In front of the economic and social turbulences which we know, the creation of new company appears as a cause of general interest. This research paper focuses on the problematic of the entrepreneurship, and more particularly on the stake which this domain represents in our society, by treating the determinants of the entrepreneurial intention. To face this news gives, students must reconsider their behaviors and their practices to renew themselves, to open out and reinforce their position in the market. Some of these practices form what one calls the entrepreneurial orientation. For this reason, we will devote this paper for better encircling and apprehending the concept of individual factors, and we tried to know how the individual factors (motivations, need for accomplishment, need for autonomy, passion to develop its own idea, individual characteristics, work experience, teaching) can influence the intention of the entrepreneur to create his own project. We focused on reviewing literature through a survey of a sample of students from the Higher Institute of Business Administration of Sfax (Tunisia).

KEYWORDS

individual factors, motivational, need for achievement, need for autonomy, passion to develop its own idea, individual characteristics, work experience, teaching, intention.

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