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A FUZZY AHP APPROACH FOR SUPPLIER SELECTION PROBLEM: ACASESTUDY INA GEARMOTOR 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 increasecompetitive advantage. However this decision becomes complicated in case of multiplesuppliers,multipleconflictingcriteria,andimpreciseparameters.Inadditiontheuncertainty and vagueness of the experts' opinion is the prominent characteristic of theproblem. Therefore an extensively used multi criteria decision making tool Fuzzy AHPcan be utilized as an approach for supplier selection problem. This paper reveals theapplication of Fuzzy AHP in a gear motor company determining the best supplier withrespect to selected criteria. The contribution of this study is not only the application oftheFuzzyAHPmethodologyforsupplierselectionproblem,butalsoreleasingacomprehensive literature review of multi criteria decision making problems. In additionby stating the steps of Fuzzy AHP clearly and numerically, this study can be a guide ofthemethodologytobeimplementedtoothermultiplecriteriadecisionmakingproblems.

KEYWORDS

SupplierSelection,FuzzyAHP,MultiCriteriaDecisionMaking.

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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 innovationwhich integrates environmental concerns into supply chain management. GSCM has gainedpopularity with both academic and practitioners. The purpose of the paper is to brieflyreview the recent literatures of the GSCM and also determine the new direction area of thisemerging field. A detailed review is used to sort out the literature and develop the researchdirection of the study. The review is focused on development of GSCM in a developed anddeveloping countries including all those researchers which is relevant to environmental andsocial sustainability towards operation management and the supply chain. It shows that lackresearches to examine the adoption and implementation of GSCM practices especially indeveloping countries such as Malaysia. Thus, the authors bring forward a proposed researchdirectiononGSCMadoptionandimplementationinMalaysia'smanufacturingindustries .

KEYWORDS

SupplierSelection,FuzzyAHP,MultiCriteriaDecisionMaking.

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ISSUES AND CHALLENGES IN THE SUPPLY CHAIN OFFRUITS& VEGETABLESSECTORININDIA: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(IJMVSC)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 chainand business process a case study on the st jameshospital

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ABSTRACT

Conducting businessis certainly notthe easiestthingstodoin thishyper-competitivebusiness fraternity. The scenario for the manufacturing firms is even more challenging astheirvaluechainarethelongestandwidestbyeveryconsiderations.Therefore,itisimmensely vital for the manufacturing operators to analyze their supply chain properly sothat they can establish a real good one in their armoury. The fishbone analyse is a tool foranalyzingthebusinessprocessanditseffectiveness.Itisalsocommonlyreferredas –Ishikawa Diagram‖because it was invented and incorporated byMr. Kaoru Ishikawa, a Japanese quality control statistician. It is defined as a fishbone because of its structuraloutlook and appearance. The fishbone analyse is a tool for analyzing the business processand its effectiveness. This study was intended towards evaluating the supply chain andbusiness process of St. James Hospital. The analysis reveals that the problem areas are lackofproperequipment,faultyprocess,misdirectedpeople,poorlymaterialsmanaged,impropere nvironment, and inefficient management.

KEYWORDS

Fishbone,St JamesHospital, BusinessProcess, SupplyChain

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FACTORSAFFECTINGCUSTOMERS'BUYINGDECISIONSOFMOBILE PHONE:ASTUDYONKHULNACITY,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 accountvarious factors while they decide purchasing a mobile phone. This study has put efforts touncover the underlying factors those affect customers in choosing mobile phone. Datawere collected from those people live in Khulna city maintaining equal ratios of variousgroupslikemale,female,businessmen,employees,studentsandothers(mostlyhousewives). To select desired respondents, convenient sampling method was used. Astructured questionnairedesigned based on previous study with five pointLikert scalewas used to interview respondents. Factor analysis was applied to extract the underlyingfactorsaffectmobilephonepurchasingdecision.Theresultsshowthatthemostimportantfactorisphysicalattributes.Someotherfactorsarepricing,chargingandoperatingfacilities,sizeandweight,friends'andcolleagues'recommendations,neighbors'recommendations and advertising.

KEYWORDS

MobilePhone,PurchasingDecisions,CustomerChoice.

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AN INNOVATIVE APPROACH FOR E-GOVERNMENTTRANSFORMATION

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ABSTRACT

Despite the immeasurable investmentine-governmentinitiatives throughouttheworld,such initiatives have yet to succeed in fully meeting expectations and desired outcomes. Akey objective of this research article is to support the government of the UAE in realizing itsvision of e-government transformation. It presents an innovative framework to support e-government implementation, which was developed from a practitioner's perspective andbasedonlearningsfromnumerouse-governmentpracticesaroundtheglobe.Theframeworkpresentsanapproachtoguidegovernments worldwide,andUAEinparticular,to develop a top down strategy and leverage technology in order realize its long term goal ofe-government transformation. The study also outlines the potential role of modern nationalidentityschemesinenablingthetransformationoftraditionalidentitiesintodigitalidentities. The work presented in this study is envisaged to help bridge the gap betweenpolicy makers and implementers, by providing greater clarity and reducing misalignment onkey elements of e-government transformation. In the hands of leaders that have a strong willto invest in e-government transformation, the work presented in this study is envisaged tobecome a powerful tool to communicate and coordinate initiatives, and provide a clearvisualizationofan integrated approach toe-government transformation.

KEYWORDS

e-Government,Transformation,National IDSchemes.

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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 hypothetical-deductive 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 ANDCHALLENGES

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ABSTRACT

In the recent few years more and more software development organizations are striving to adoptagilesoftwaredevelopmentmethodsandtechniques.Successfulagileadoptionleadstoproducing higherquality software, enhancedevelopersmoralandata lower cost than thetraditional water wall model approach. However, Agile adoption always comes with specialchallenges and accordingly, fundamental organizational changes are necessary for successfuloutcome. The main contribution of this paper is that we present a case study for agile adoptioncase in a government entity in the U.A.E and we compare and analyze the outcomes obtainedwithother publishedcase studiesinthis domain.

KEYWORDS

Agile development, Scrum, Agile adoption, waterfall methodology, software engineering, casestudy,adoption challenges

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CitationCount-90

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 supplierrelationshipmanagementstrategieslowered theeffectivenessofsupplychainmanagementfunctions.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 onThe Entrepreneurial Intention

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ABSTRACT

Today, no one is safe from forces and pressures, which are exerted on it, because of asignificant number of the requirements in particular as regards competitiveness, the needfor change, or the crises and the deregulations. In front of the economic and socialturbulences which we know, the creation of new company appears as a cause of generalinterest. This research papers focuses on the problematic of the entrepreneurship, andmore particularly on the stake which this domain represents in our society, by treating thedeterminants of the entrepreneurial intention. To face this news gives, students mustreconsidertheirbehaviors andtheirpracticestorenew themselves,toopenoutandreinforce their position in the market. Some of these practices form what one calls theentrepreneurial orientation. For this reason, we will devote this paper for better encirclingandapprehendingtheconceptofindividualfactors,andwetriedtoknowhowtheindividual factors (motivations, need for accomplishment, need for autonomy, passion todevelop its own idea, individual characteristics, work experience, teaching) can influencetheintentionoftheentrepreneurtocreatehisownproject.Wefocusedonreviewliterature through a survey of a sample of students from the Higher Institute of BusinessAdministrationofSfax(Tunisia).

KEYWORDS

individual factors, motivational, need for achievement, need for autonomy, passion todevelopitsownidea,individualcharacteristics,workexperience,teaching, intention.

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