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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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REFERENCES

[1] Krajewsld, L.J., and Ritzman, L.P., (1996) Operations Management Strategy and Analysis.Addison-WesleyPublishingCo., London, UK.

[2] Ghodsypour, S.H., and O"Brien, C., (1998) ―A Decision Support System for SupplierSelectionUsinganIntegratedAnalyticHierarchyProcessandLinearProgramming‖,InternationalJournalof Production Economics,Vol.56-57(20), 199-212.

[3] Önüt, S., Kara, S.S., and Işık, E, (2009) ―Long Term Supplier Selection Using a CombinedFuzzy MCDM Approach: A Case Study for a Telecommunication Company‖, Expert Systemswith Applications Vol. 36(2), 3887-3895. International Journal of Managing Value and SupplyChains(IJMVSC)Vol.4, No. 3, September201322

[4] Liao, C.N., and Kao, H.P., (2011) ―An Integrated Fuzzy TOPSIS and MCGP Approach toSupplier Selection in Supply Chain Management‖, Expert Systems with Application Vol.38(9),10803-10811.

[5] Kilic, H.S., (2013) ―An integrated approach for supplier selection in multi item/multi supplier environment‖,AppliedMathematicalModelling,Vol.37(14-15), 7752-7763.

[6] Xia,W.andWu,Z.,(2007)―Supplierselectionwithmultiplecriteriainvolumediscount environments‖,Omega,Vol.35(5),494-504.

[7] Demirtas, E.A., and Üstün, O., (2009) ―Analytic Network Process and Multi Period GoalProgramming Integration in Purchasing Decisions‖, Computers & Industrial Engineering Vol.56(2), 677-690.

[8] Dickson,G.W.,(1966)―AnAnalysisofVendorSelectionSystemsandDecision‖.Journal ofPurchasingVol.2(1),5-17.

[9] Jolai, F., Yazdian, S.A., Shahanaghi, K., and Khojasteh, M.A., (2011) ―Integrating FuzzyTOPSIS and Multi Period Goal Programming for Purchasing Multiple Products From MultipleSuppliers‖,Journalof Purchasing&SupplyManagement,Vol.17(1),42-53.

[10] Weber, C.A., Current J.R. and Benton, W.C. (1991) ―Vendor SelectionCriteria and Methods‖, EuropeanJournalof OperationalResearchVol.50(1), 2-18.

[11] De Boer, L., Labro, E. and Morlacchi, P., (2001) ―A Review of Methods SupportingSuppliersSelection‖,EuropeanJournalofPurchasingandSupplyManagementVol.7(2),75-89.

[12] Boran, F.E., Genç, S., Kurt, M., and Akay, D., (2009) ―A Multi Criteria IntuitionisticFuzzy Group Decision Making for Supplier Selection with TOPSIS Method‖, Expert SystemswithApplications Vol.36 (8), 11363-11368.

[13] Sanayei,A.,Mousavi,S.F.andYazdankhak,A.,(2010)―GroupDecisionMakingProcessforSuppliersSelectionwithVIKORUnderFuzzyEnvironment‖,ExpertSystemswithApplicationsVol. 37 (1), 24-30.

[14] Ayhan, M.B. (2013). Fuzzy Topsis application for supplier selection problem. InternationalJournal of Information, BusinessandManagement, Vol.5(2), 159-174.

[15] Cheraghi,S.H.,Dadashzadeh,M.,&Subramanian,M.,(2004)―Criticalsuccessfactorsforsupplierselection:AnUpdate‖,JournalofAppliedBusinessResearch,Vol20(2),91–108.

[16] Arikan, F., (2013) ―An interactive solution approach for multiple objective supplier selectionproblemwithfuzzyparameters‖,JournalofIntelligentManufacturing,DOI:10.1007/s10845-013-0782-6.

[17] Wang,J.W.,Cheng,C.H.,andCheng,H.K.,(2009)—FuzzyHierarchicalTOPSISfor SupplierSelection‖,AppliedSoftComputing9(1),377-386.

[18] Saaty,T.L.,(1980)TheAnalyticHierarchyProcess,McGraw-Hill,NewYork,USA.

[19] Yahya, S. and Kingsman, B., (1999) ―Vendor Rating for an Entrepreneur Development Programme: A Case Study Using the Analytic Hierarchy Process Method‖, Journal of theOperational ResearchSocietyVol.50:916-930.

[20] Zadeh,L.A.,(1965)—FuzzySets‖,InformationandControlVol.8(3),199-249.

[21] Cheng,C.H.,(1997)―EvaluatingNavalTacticalMissileSystembyFuzzyAHPBasedon the Grade Value of Membership Function‖, European Journal of Operational Research Vol.96(2), 343-350.

[22] Cheng,C.H.,Yang,L.L.,andHwang,C.L.,(1999)—EvaluatingAttackHelicopterbyAHPBased on Linguistic Variable Weight‖. European Journal of Operational Research, Vol. 116(2),423-435.

[23] Ruoning, X. and Xiaoyan, Z., (1992) —Extensions of the Analytic Hierarchy Process inFuzzyEnvironment‖, FuzzySets andSystemVol.52(3), 251-257.

[24] Petkovic, J., Sevarac, Z., Jaksic, M.L., Marinkovic, S., (2012) —Application of fuzzy AHPmethod for choosing a technology within service company‖, Technics Technologies EducationManagement,Vol.7(1), 332-341

[25] Hwang, C.L., and Yoon, K., (1981) Multiple Attribute Decision Making Methods andApplications: AState oftheArtSurvey,Springer-Verlag, USA.

[26] Chen, C.T., Lin, C.T., and Huang S.F., (2006) —A Fuzzy Approach for Supplier EvaluationandSelectioninSupplyChainManagement‖,InternationalJournalofProductionEconomics,Vol.102(2),289-301.

[27] Benayoun, R., Roy, B., and Sussman, B., (1966) ELECTRE: Uneméthode pour guider lechoix en présence de points de vue multiples. Note de travail 49, SEMA-METRA international,directionscientifique.

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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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REFERENCES

[1] Shultz,C.J.II&Holbrook,M.B.,(1999)–MarketingandTragedyoftheCommons:ASynthesis Commentary and Analysis for Action‖, Journal of Public Policy and Marketing, Vol. 18, No. 2, pp218-29.

[2] Ninlawan, C., Seksan, P., Tossapol, K., &Pilada, W., (2011) –The Implementation of Green SupplyChainManagementPracticesinElectronicsIndustry‖,ProceedingsoftheInternationalMulticonference of Engineers and ComputerScientists,3.

[3] Zhu, Q. &Sarkis, J., (2004) ―Relationships between operational practices and performanceamongearlyadoptersofgreensupplychainmanagementpracticesinChinesemanufacturingenterprises‖,JournalofOperations Management, 22,pp 265-289.

[4] Beamon,B.M.,(1999)―Designingthegreensupplychain‖,LogisticsInformationManagement, Vol.12, No.4, pp 332-342.

[5] Zhu, Q., Geng, Y., Fujita, T., & Hashimoto, S., (2010) ―Green Supply Chain Management inLeadingManufacturers:CaseStudiesinJapaneseLargeCompanies‖,ManagementResearchReview, Vol. 33,No.4, pp380-392.

[6] Fortes,J.,(2009)―GreenSupplyChainManagement:ALiteratureReview‖,OtagoManagement GraduateReview,7,pp51-62.

[7] Srivastava,S.K.,(2007)―Greensupply-chainmanagement:astate-of-the-artliteraturereview‖, InternationalJournal ofManagement Reviews, Vol.9,No. 1,pp53–80.

[8] Rao, P. & Holt, D., (2005) ―Do green supply chains lead to competitiveness and economicperformance?‖, International Journal of Operations and Production Management, Vol. 25, No. 9, pp898–916.

[9] ZhuQ.&Sarkis,J.,(2006)―Aninter-sectoralcomparisonofgreensupplychainmanagementin China:driversandpractices‖,JournalofCleanerProduction,Vol.14,No.5,pp472–86.

[10] Large,R.O.&Thomsen,C.G.,(2011)―DriversofGreenSupplyChainManagementPerformance:EvidencefromGermany‖,JournalofPurchasingandSupplyManagement,Vol.17,pp 176-184.

[11] Azevedo,S.G.,Carvalho,H.,&Machado,V.C.,(2011)–TheInfluenceofGreenPracticeson Supply Chain Performance: A Case Study Approach‖, Transportation Research Part E, Vol. 47, pp850-871.

[12] Chiou,T.Y.,Chan,H.K.,Lettice,F.,&Chung,S.H.,(2011)–TheInfluenceofGreeningthe Suppliers and Green Innovation on Environmental Performance and Competitive Advantage inTaiwan‖,Transportation ResearchPartE, 47,pp 822-836.

[13] Cagno,E.,Guido,M.J.L.,Perotti,S,&Zorzini,M.,(2011)–Theimpactofgreensupplychain practices on company performance: the case of 3PLs‖, Lancaster University Management SchoolWorkingPaper, pp1-31.

[14] Arimura, T.H., Darnalln N., Katayama, H., (2011) ―Is ISO 14001 a gateway to more advancedvoluntaryaction?Thecaseofgreensupplychainmanagement‖,JournalofEnvironmentalEconomics andManagement, 61,pp 170–182.

[15] Hsu,C.W.&Hu,A.H.,(2008)―GreenSupply ChainManagementintheElectronicIndustry‖, InternationalJournal EnvironmentScienceTechnology, Vol.5, No.2, pp205-216.

[16] Shang,K.C., Lu, C.S., Li,S., (2010) ―A taxonomy ofgreensupply chainmanagementcapability among electronics-related manufacturing firms in Taiwan‖, Journal of EnvironmentalManagement, 91, pp1218–1226.

[17] Holt, D. &Ghobadian, A., (2009) ―An Empirical Study of Green Supply Chain ManagementPracticesamongstUKManufacturers‖,JournalofManufacturingTechnology,Vol.20,No.7,pp933-956.

[18] Nawrocka, D., Brorson, T., &Lindhqvist, T., (2009) ―ISO 14001 in environmental supplychainpractices‖,JournalofCleanerProduction,17,pp1435–1443.

[19] Lee, S., (2008) ―Drivers for the participation of small and medium-sized suppliers in greensupply chain initiatives‖, Supply Chain Management: An International Journal, Vol. 13, No. 3, pp185–198.

[20] Raymond, P. C., Lopez, J., Marche, S, Perron, G.M., & Wright, R., (2008) ―Influences,practices and opportunities for environmental supply chain management in Nova Scotia SMEs‖,Journal of Cleaner Production, 16, pp1561–1570.

[21] Chen, Y., (2008) ‒The Driver of Green Innovation and Green Image – Green Core Competence‖, JournalofBusinessEthics,81,pp531–543.

[22] Chien, M. K.& Shih, L. H., (2007) ―An empirical study of the implementation of green supplychainmanagementpracticesintheelectricalandelectronicindustryandtheirrelationtoorganizationalperformances‖,Int. J.Environ. Sci.Tech., Vol.4,No.3,pp 383-394.

[23] Simpson, D., Power, D. & Samson, D., (2007) ―Greening the automotive supply chain: arelationship perspective‖, International Journal of Operations & Production Management, Vol. 27,No.1, pp 28-48.

[24] Vachon, S. &Klassen, R.D., (2006) ―Extending green practices across the supply chain: theimpact of upstream and downstream integration‖, International Journal of Operations & productionManagement,Vol. 26, No.7, pp 795-821.

[25] Anbumozhi, V. &Kanada, Y., (2005) ―Greening the production and supply chains in Asia: isthere a role for voluntarily initiatives?‖, IGES Kansai Research Center Discussion Paper, KRC2005,No.6E. Available online:http://www.iges.or.jp

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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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REFERENCES

[1] ASSOCHAM. (2013). Horticulture Sector in India- State level experience. New Delhi: TheAssociatedChamberof Commerce and IndustryofIndia.

[2] Bhardwaj, S., &Palaparthy, I. (2008). Factors Influencing Indian Supply Chains of of Fruits andVegetables: A Literature Review. The Icfai University Journal of Supply Chain Management, V (3),59-68.

[3] Blackburn, J., & Scudder, G. (2009). Supply chain strategies for perishable products: the case offreshproduce. Productionand OperationsManagement, 18(2), 129-137.

[4] Dharni, K., & Sharma, S. (2008). Food Processing in India: Opportunities and Constraints. TheIcfai UniversityJournalofAgriculturalEconomics,V(3), 30-38.

[5] FICCI. (2010). BOTTLENECKS IN INDIAN FOOD PROCESSING INDUSTRY. RetrievedJanuary22,2014,fromFICCIWebsite:http://www.ficci.com/SEDocument/20073/Food-ProcessingBottlenecks-study.pdf

[6] GOI.(2012).NationalFoodProcessingpolicy.Retrieved1124,2012,fromConfederationofWomenEntrepreneurs:http://co-we.com/wp-content/uploads/national-food-processing-policy.pdf

[7] Halder, P., &Pati, S. (2011). A Need For Paradigm Shift to Improve Supply Chain ManagementofFruits&Vegetablesin India.AsianJournal of Agricultureand Rural Development,1 (1),1-20.

[8] Jain,N.(2007,810-12).InternationalConferenceonAgribusinessandFoodIndustryinDeveloping Countries :Opportunities and Challenges. Retrieved 1 22, 2014, from IIM lucknow:http://www.iiml.ac.in/events/P1_02_Neeraj_Jain.pdf

[9] Kapoor,P.(2009,July28).Doctoc-InternationalSummitonFoodProcessingandAgribusiness.Retrieved January 22, 2014, from Docstoc.com:http://www.docstoc.com/docs/127265667/ENTREPRENEURIAL-OPPORTUNITIES-IN-THEAGRI-BUSINESS

[10] KPMG,&ASSOCHAM.(2009).FoodprocessingandAgribusiness.RetrievedJanuary22,2014, from Smallb.in A SIDBI Initiative:http://smallb.in/sites/default/files/knowledge_base/reports/FoodProcessingandAgribusinessAssocham_opt.pdf

[11] Mathi,K.M.(2007,August10-12).InternationalConferenceonAgribusinessandFoodIndustry in Developing Countries: Opportunities and Challenges. Retrieved January 22, 2014, fromIIMLucknowWebsites:http://www.iiml.ac.in/events/C9_01_K_Malar_Mathi.pdf

[12] Modi,P.,Mishra,D.,Gulati,H.,&Murugesan,K.(2009).UTTARAKHANDSTATECOOPERATIVE FEDERATION: CAN IT HELP THE HORTICULTURE FARMERS? VISION—TheJournalof BusinessPerspective, 13 (2), 53-61.

[13] MOSPI. (2013). State Domestic Product and other aggregates. Retrieved April 29, 2014, fromMinistry of Statistics and ProgrammeImplementation:http://mospi.nic.in/Mospi_New/site/inner.aspx?status=3&menu_id=82

[14] Murthy, D. S., Gajanana, T. M., Sudha, M., &Dakshinamoorthy, V. (2009). Marketing andPostharvestlossesinfruits:ItsimplicationsonAvailabilityandeconomy.IndianJournalofAgricultural economics, 64(2), 259-275.

[15] Naidu, S. (2007, August 10-12). International Conference on Agribusiness and Food Industry inDevelopingCountries:OpportunitiesandChallenges.RetrievedJanuary22,2014,fromIIMLucknowWebsite:http://www.iiml.ac.in/events/ICABFI.htm

[16] Narula,S.A.(2011).ReinventingcoldchainindustryinIndia:needofthehour.InterviewwithMr SanjayAggarwal.Journal of AgribusinessinDevelopingandEmergingEconomies,1 (2).

[17] NHB.(2013).AreaandProductionStatistics.RetrievedFebruary4,2014,fromNationalHorticulture Board:http://nhb.gov.in/area%20_production.html

[18] NHB. (2015). Area and Production Status- Final Area & Production Estimates for HorticultureCropsfor2013-2014.RetrievedJanuary26,2015,fromNationalHorticultureBoard:http://nhb.gov.in/area%20_production.html

[19] POLICY, N. F. (n.d.). Retrieved 11 24, 2012, from http://co-we.com/wp-content/uploads/nationalfood-processing-policy.pdf

[20] Ramesh, S. (2009, July 28). Food Processing Sector in India-Challenges and Oppurtunities-KPMG. Retrieved January 22, 2014, from Scribd.com:http://www.scribd.com/doc/39050239/Food-ProcessSing-Opportunities-in-India-Ppt

[21] Rathore, J., Sharma, A., &Saxena, K. (2010). Cold Chain Infrastructure for Frozen Food:AWeak Link in Indian Retail Sector. The IUP Journal of Supply Chain Management, VII (1 & 2), 90-103.

[22] Salin, V. (1998). Information technology in agri-food supply chains. International Food andAgribusinessManagementReview, 1 (3), 329-34.

[23] Satyanarayana,A.,Math,R.G.,Jyothirmayi,T.,&Rao,D.G.(2007,August10-12).InternationalConferenceonAgribusinessandFoodIndustryinDevelopingCountries:OpportunitiesandChallenges.RetrievedJanuary22,2014,fromIIMLucknowwebsite:http://www.iiml.ac.in/events/C5_03_A_Satyanarayana.pdf

[24] Sharma, G., & Singh, S. (2011). Economic Analysis of Post-harvest Losses in Marketing ofVegetablesin Uttarakhand.AgriculturalEconomicsResearch Review, 24,309-315.

[25] Shukla, D. (2010, February 15-16). UNCTAD. Retrieved January 22, 2014, from Engaging theTrading Community Forum on WTO, TradeFacilitation and thePrivateSector in DevelopingCountries-Trade Obstacles Faced by Indian Exporters:http://unctad.org/sections/wcmu/docs/ettcp05_en.pdf

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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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REFERENCES

[1] AmericanSocietyforQuality(2005),FishbonediagramAccessedFrom:http://www.asq.org/learnabout-quality/cause-analysis-tools/overview/fishbone.htmlAccessedby:March 2, 2011.

[2] Balanced Scorecard Institute (2007), Basic tools for process improvement, Module 5– Causeand Effect diagram, Accessed From: http://www.balancedscorecard.org/files/c-ediag.pdf, Accessedby: March 2, 2011.

[3] Bence, V (1995), ST. James Hospital and Lucas Engineering System Ltd.-A Public/PriavteSector Collaboration in BPR Project B-The Re-organization of Purchasing and Supplies. CranfieldCentrefor Logistics andTransportation, Cranfield University. UK.

[4] Gregory,F.H(1992)Cause,Effect,Efficiency&SoftSystemsModels,JournaloftheOperational ResearchSociety, 44 (4),pp 333-344.

[5] Ishikawa,K(1986).GuidetoQualityControl.Tokyo,Japan:AsianProductivityOrganization.

[6] Ishikawa,K(1990);Introductionto QualityControl; ISBN4-906224-61-X OCLC61341428.

[7] Otto,K.(1995)—CourseNotesonDesignforAssembly,‖MassachusettsInstituteofTechnology.

[8] Poli,C.,Graves,J.,andSunderland,J.E.(1988)Computer-AidedProductDesignforEconomicalManufacture.ASME Computersin Engineering, 1(4),pp.23-37.

[9] Public Health Infrastructure (2008), Fishbone (Ishikawa) Diagram (Example), Accessed From:http://www.phf.org/infras,html, Accessed by:March4, 2011.

[10] Ruhm, K. H (2004) Cause and Effect Diagram, Internet Portal "Measurement Science andTechnology";Retrievedfrom:www.mmm.ethz.ch/dok01/d0000538.pdf,Accessedby:March5,2011 .

[11] Southern, G (1995), Business Change and Re-engineering: A Brainstorming Approach, JournalofCorporatetransformation, 2(1), p.40.

[12] Straker,D.(2010)Cause-EffectDiagram.Retrievedfrom:QualityTools:http://syque.com/quality_tools/toolbook/cause-effect/cause-effect.htm,Accessedby:March4,2011.

[13] Sturges, R., and Kilani, M. (1992) Towards an Integrated Design for an Assembly EvaluationandReasoningSystem. Computer-Aided Design, 24(2), pp. 67-78.

[14] U.S. Environmental Protection Agency (1993) "Life-Cycle Assessment: Inventory GuidelinesandPrinciples",EPAReportNo.EPA/600/R-92/245,OfficeofResearchandDevelopment,Washington,D.C.

[15] Watson,G.(2004).TheLegacyOf Ishikawa.QualityProgress, 37(4),pp. 54-47.

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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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REFERENCES

[1] Batra, R and Ahtola, OT (1990). Measuring the hedonic and utilitarian sources ofconsumerattitudes, MarketingLetters, vol. 2,no. 2, pp. 159-170.

[2] Chernev, A (2003). When more is less and less is more: The role of ideal point ofavailability and assortment in consumer choice', Journal of Consumer Research,vol. 30, no. 2, pp. 169-184.

[3] Dorsch,MJ,Grove,SJandDarden,WR(2000).Consumerintentionstouseservice category,JournalofServices Marketing,vol. 14,no. 2,pp. 92-118.

[4] In-Stat/MDR (2002). The worldwide PDA market: the next generation of mobilecomputing,Research Report, Accessed 7 August.

[5] Laroche, M, Kim, C and Matsui, T (2003). Which decision heuristics are used inconsideration set formation, Journal of Consumer Marketing, vol. 20, no. 2, pp.192-209.

[6] Liu, CM (2002). The effects of promotional activities on brand decision in thecellular telephone industry, The Journal of Product & Brand Management, vol. 11,no. 1,pp. 42-51.

[7] Moorthy, S, Ratchford, B and Talukdar, D (1997). Consumer information searchrevisited,Journal of ConsumerResearch, vol. 23,no.4, pp. 263-277.

[8] Moschis, GP (1976). Social comparison and informal group influence, Journal ofMarketingResearch, vol.13, pp. 237-244.

[9] Requelme, H (2001). Do consumers know what they want?, Journal of ConsumerMarketing,vol. 18, no. 5, pp. 437-448.

[10] Swait,JandAdamowicz,W(2001).Theinfluenceoftaskcomplexityonconsumer choice: A latent class model of decision strategy switching, Journal ofConsumerResearch, vol. 28, no. 1, pp. 135-148.

[11] Wilska,TA(2003).Mobilephoneuseaspartofyoungpeople'sconsumption styles,Journalof ConsumerPolicy, vol.26, no.4, pp.442-464.

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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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REFERENCES

[1] Atkinson,R.D.andCastro,D.(2008)"DigitalQualityofLife,"TheInformationTechnologyand Innovation Foundation,pp. 137–145.

[2] Mälkiä, M.,Anttiroiko,A.andSavolainen,R.(eds.)(2004)E-TransformationinGovernance:NewDirectionsin Government.Hershey, PA:Idea GroupPublishing.

[3] Melville,A.(2007)"E-GovernmentandOrganisationalTransformation:LessonsLearntfromLiverpooland Hertfordshire,"NewLocalGovernmentNetwork.June7.

[4] Martin,G.(2009)"Government'sResponsetoFinancialCrisiswillChangetheRoleofthePublicSectorAroundtheWorld,"DeloitteToucheTohmatsu[Online].Availablefrom:https://www.deloitte.com/view/en_G-X/global/press/global-press-releases-en/06ab63ec49101210VgnVCM100000ba42f00aRCR-D.htm.Accessed[4October 2010].

[5] OECD (2009) Report on the Impact of Financial Crisis on e-Government in OECD Countries.5th Ministerial eGovernment Conference, 19-20 November – Malmö, Sweden, Available from:http://www.oecd.org/dataoecd/57/57/44089570.pdf.

[6] Stoica,O.(2010)"Implementinge-governmentwithfinancialconstraints",TheNetworkofInstitutesadSchoolsofPubicAdministrationinCentralandEasternEurope[Online].Availablefrom:http://www.nispa.org/_portal/files/conferences/2010/papers/201004221034060.StoicaOvidiu.doc[Accessed3July2010].

[7] Lapsley, I. (2010) "New Public Management in the Global Financial Crisis-Dead, Alive, orBornAgain?"UK:Universityof EdinburghBusinessSchool.

[8] Abhichandani, T. (2008) Evaluation of E-Government Initiatives for Citizen-Centric Delivery:AnalysisofOnlinePublicTransit InformationServices.Germany: VDMVerlagPublishing.

[9] Chhabra, S. and Kumar, M. (2009) Integrating E-business Models for Government Solutions:CitizenCentric Service Oriented Methodologies and Processes. Hershey, PA, USA: InformationScienceReference.

[10] Hewson, W., Jones, R., Hunter, D. and Meekings, A. (2004) Towards a Citizen-centricAuthority: Beyond CRM, E-Government and the Modernising Agenda in the UK Public Sector.UK: Hewson ConsultingGroup.

[11] Bimber, B. (1999) "The Internet and citizen communication with government: Does themediummatter?"PoliticalCommunication,Vol. 16,pp. 409-428.

[12] Curtain, G.G., Sommer, M.H. and Vis-Sommer, V. (2004) The World of E-Government.NewYork:HaworthPress.

[13] Tubtimhin, J. and Pipe, R. (2009) Global e-Governance: Advancing e-Governance throughInnovationand Leadership,Volume2 GlobalE-Governance Series.IOS Press.

[14] Mansell, R. (2002) Inside the Communication Revolution: Evolving Patterns of Social andTechnical Interaction. Oxford, UK: Oxford UniversityPress.

[15] Wilhelm, A.G. (2004) Digital Nation: Toward an Inclusive Information Society. Cambridge,MA:TheMITPress.

[16] Nixon, P.G., Koutrakou, V.N. and Rawal, R. (eds) (2010) Understanding E-Government inEurope: Issues and Challenges. London: Routledge.

[17] Shapiro, A.L. (1999) The Control Revolution: How the Internet is Putting Individuals inChargeand ChangingtheWorld WeKnow. New York:CenturyFoundation.

[18] Gronlund,A.(2002)ElectronicGovernment:Design,ApplicationsandManagement.Hershey,PA:Idea Group Publishing.

[19] Garson,D.G.(1999)InformationTechnologyandComputerApplicationsinPublicAdministration:Issues andTrends. London: Idea Group Publishing.

[20] Kamarck, E.C. and Nye, J.S. (eds.) (2002) Governance.Com: Democracy in the InformationAge,VisionsofGovernanceinthe21stCentury.Washington,D.C.: BrookingsInstitutionPress.

[21] Mitrakas, A., Hengeveld, P., Polemi, D. and Gamper, J. (2007) Secure E-Government WebServices.Hershey, PA:Idea Group Publishing.

[22] Mendes, M.J. and Suomi, R. Passos, C. (eds.) (2004) Digital Communities in a NetworkedSociety:ECommerce,E-Business,andE-Government:TheThirdIFIPConferenceonE-Commerce, E-Business, and E-Government, International Federation for Information Processing(Series),KluwerAcademicPublishers.

[23] UN (2010) ―UN E-government Survey – 2010: Leveraging e-government at a time offinancialandeconomiccrisis‖,UNDESA[Online].Availablefrom:http://unpan1.un.org/intradoc/groups/public/documents/un-dpadm/unpan038855.pdf. [Accessed 2April2010].

[24] UN(2008)"UNE-governmentSurvey–2008:FromE-governmenttoConnectedGovernance‖, UNDESA [Online]. Available from:http://unpan1.un.org/intradoc/groups/public/documents/un/un-pan028607.pdf [Accessed 2 April2010].

[25] Layne,K.andLee,J.W.(2001)―DevelopingFullyFunctionalE-Government:AFourStage Model,‖GovernmentInformationQuarterly,vol.2,pp.122-36.

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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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REFERENCES

1. ArgyrisetSchon, D. (1978) Organizational learning: A theory of action perspective, Reading.MA: Addison-Wesley.

2. Bagoziet Yi Y. (1988) "On the Evaluation of Structural Equations models". Journal of the Academy of MarhetingScience . 74, pp94-16.

3. BierlyetChakrabarti A. (1996) "Generic knowledge strategies in the U.S. pharmaceutical industry". Strategic Management Journal .vol .123,pp135-17.

4. Bohémier, Sophie, (2006) La performance organisationnelle par l'intégration de l'orientationmarchéeetl'orientation innovation. Université du Québec A Montréal.

5. Cainellei et al. 2006 "Innovation and economic performance in services: a firm-level analysis", Cambriage Journal of Economics .vol. 435, pp458-30.

6. Cameron K. (1986) Effectiveness as paradox: consensus and conflict in conceptions of organizational effectiveness. Management Science. Vol.539, pp53-32.

7. Calantone et al. (2002) "Learning orientation firm innovation capability and firm prrformance",.Industrial Marketing Management .vol.515,pp524-31.

8. Cassiman B etVengelers R. (2006). "In search of complementarity in the innovation strategy: internal R&D and external knowledge acquisition". Management Science, vol.68, pp82-52.

9. Chakravarthy B. (1986) «Measuring strategic performance", Strategic Management Journal, vol.437, pp58-7. Chen S etChen A. (2006). "Knowledge management performance evaluation: a decade review from 1995 to 2004". Journal of Information Science , voL17, pp38-32.

10. ChinW Et al. (1996) A Partial Least SquaresLatent Variable Modeling Approach for Measuring Interaction Effects: Results from a Monte Carlo Simulation Study and Voice Mail Emotion/Adaptation Study. Proceedings of the Seventeenth International Conference on Information Systems 21:41. Cleveland: Ohio.

11. Chiou H et Lin P. (2009) Principles and Application of Structural Equation. China: Beijing:China light Inustry Press.

12. Damanpour F et al. (1989) "The relationship between types of innovation and organizational performance".Journal of Management Studies ,vol. 587, pp 601-6.

13. Damanpour F et al. (2009). "Combinative effects of innovation types and organizational performance: a longitudinal study of service organizations". Journal of Management Studies , vol.650, pp 675-64.

14. Damanpour F et al. (1998) Theories of organizational structure and innovation adoption: the role of environmental change.Journal of Engineering and Technology Management. vol.1, pp24-15.

15. Dewar R et Dutton J.E. (1986) "The adoption of radical and incremental innovations: An empirical analysis". Management Science .vol.1422, pp1433-32.

16. Dozi G. (1998).Sources, procedures and microeconomic effect of innovation.

17. Drucker P. (1993) Au-delà du capitalisme : La métamorphose de cette fin de siècle,. Paris: Dunod.

18. Dubbé C et al. (2012).L'innovation: définitionset concepts. Québec.

19. Eddleston K. (2008) "Resource configuration in family firms: linking resources, strategic planning and technological opportunities to performance". Journal of Management Studies, vol.26, pp50-45.

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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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VolumeLink:http://airccse.org/journal/mvsc/vol2.html

REFERENCES

[1] GregSmithandAhmedSidky,BecomingAgile:...inanimperfectworld,ManningPublications,2009.

[2] MarkKennaley,SDLC3.0:BeyondaTacitUnderstandingofAgile,FourthMediumPress,2010.

[3] GatherSpaceTeam, ‐Agile software development,‖Retrieved January 15, 2011, January 2011.

[4] KentBeck,MikeBeedle,ArievanBennekum,AlistairCockburn,WardCunningham,Martin Fowler, James Grenning, Jim Highsmith, Andrew Hunt, Ron Jeffries, Jon Kern, BrianMarick,RobertC.Martin,SteveMellor,KenSchwaber,JeffSutherland,andDaveThomas, ―Manifestoforagilesoftwaredevelopment,‖2001.

[5] JohnHunt,AgileSoftwareConstruction,Springer,September2005.

[6] G.Benefield,―Rollingoutagileinalargeenterprise,‖in41stHawaiiInternational ConferenceonSystemScience.2008,IEEEComputerSociety.

[7] Tore Dyb°a and TorgeirDingsøyr, ―Empirical studies of agile software development: Asystematicreview,‖InformationandSoftwareTechnology,vol.50,pp.833–859,August2008.

[8] Kieran Conboy, Sharon Coyle, Xiaofeng Wang, and MinnaPikkarainen, ―People overprocess:Keychallengesinagile development,‖IEEESoftware,vol.28,pp. 48–57,2011.

[9] JayakanthSrinivasan and Kristina Lundqvist, ‐Using agile methods in software product development: A case study,‖ Information Technology: New Generations, Third InternationalConference on, vol. 0,pp. 1415–1420,2009.

[10] Mikael Lindvall, Dirk Muthig, Aldo Dagnino, Christina Wallin, Michael Stupperich, DavidKiefer, John May, and TuomoK?hk?nen, ―Agile software development in large organizations,‖Computer,vol.37,pp.26–34,2004.

[11] MikeCohnandDorisFord,―Introducinganagileprocesstoanorganization,‖Computer, vol.36, pp. 74–78,2003.

[12] M. Cohn, Succeeding with Agile Software development using scrum, Addison-Wesley,2009.

[13] J.Tabaka,―11waysagileadoptionfails,‖StickyMinds.comColumn,stickyMinds.com,,retrieved March 2011.

[14] A.Atlas, ―Accidentaladoption:The storyofscrumatamazon.com,‖ inAgile 2009 conference,Chicago, IL,2009, pp. 135–140.

[15] K.ScotlandandA.Boutin,―Integratingscrumwiththeprocessframeworkatyahoo!europe,‖inAgile 2008conference,Toronto, ON,2008,pp. 191– 195.

[16] G.Cloke,―Getyouragilefreakon!agileadoptionatyahoo!music,‖inProceedingsofthe AGILE2007,Washington,DC,USA,2007,pp.240–248,IEEEComputer Society.

[17] Andrew Begeland NachiappanNagappan, ‐Usage and perceptions of agile software developmentinanindustrialcontext:Anexploratorystudy,‖inProceedingsoftheFirstInternational Symposium on Empirical Software Engineering and Measurement, Washington,DC,USA, 2007, ESEM ’07, pp.255–264, IEEE ComputerSociety.

[18] B.Greene,―Agilemethodsappliedtoembeddedfirmwaredevelopment,‖inProceedingsofthe Agile Development Conference, Washington, DC, USA, 2004, pp. 71–77, IEEE ComputerSociety.

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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 supplierrelationshipmanagementstrategiesloweredtheeffectivenessofsupplychainmanagementfunctions.Thestudyrecommended application ofsupplier collaborationstrategies.

KEYWORDS

Procurement,SupplierandCustomer Relationship,SupplyChainManagement

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REFERENCES

1Abraham k.(2009).

ManagingHumanResources,FourthEdition,PrenticeHall2Ansari

s.(2009).PurchasingandSupplyManagement,6thedition,McGraw-Hill

3 Athur,P.(2007).Supplychainmanagement",JournaloftheAcademyofMarketingScience, Vol. 38

4 Armstrong.(2010).Human resource management. Third edition. Kogan Page.USA.Washington,

5 Baden,L.(2004).Supplychainmanagement",JournaloftheAcademyofMarketingScience,Vol. 28

6 Bill,L.(2009).SupplierManagement.ThirdEdition;PearsonPublisher

7 Boyer, S.(2010).Research opportunities in supply chain management", Journal of the Academyof MarketingScience,Vol.38

8 Bogdan,J.(2003),UnderstandingConceptualFramework;Secondedition.KoganPagePublishers

9 Bowersok, P.(2000). Purchasing and Supply Management, 6th edition, McGraw-

Hill.10Braxton,P.(2008).SupplychainManagement, 4thedition,McGraw-

Hill.Uk.London

11 Bren,M.(2009).EuropeanLogistics:Markets,ManagementandStrategy.FirstEdition.Blackwel l.Oxford, London

12 Browne,M.(2004).EuropeanLogistics:Markets,ManagementandStrategy.FirstEdition.Black well.Oxford,

13 Clerk,S.(2003).Supplychainmanagement",JournaloftheAcademyofMarketingScience,Vol. 38

14 Cooper,J.(2004).SupplyChainManagement Practices.SecondEdition.PearsonPublishers

15 Cooper,R.D,&Schindler,P.(2003).BusinessResearchMethods.ThirdEdition.NewYork:McGr aw-Hill.

16 Coote,B.(2002).TheTradeTrap:PovertyandGlobal CommodityMarkets,Oxfam,Oxford.

17 Cox,C. (2003), Chocolate Unwrapped: The Politics of Pleasure, The Women's EnvironmentalNetwork,London.

18 Coellho,A.(2003).Channelperformanceinsinglevsmultiplechannelstrategies,InternationalJo urnalof Retail&DistributionManagement,Vol.31

19 Caines,C.(2005).ImplementationofsupplychainmanagementanditsimpactontheValueoffirms ", SupplyChainManagement:An InternationalJournal,Vol. 10

20 Cravens,C.(2006).SupplychainmanagementanditsimpactontheValueoffirms",SupplyChainM anagement:AnInternationalJournal,Vol.22

21 Dempsey,B.(2003).ResearchMethods,FourthEdition,PearsonPublishers

22 Easingwood,G.(2007).SupplierManagement.ThirdEdition;PearsonPublisher

23 Emberson,C. (2006). Supply chain management. Supply Chain Management Journal, Vol.

3224Edward,C.(2008). SupplyChain ManagementInternationalJournal,Vol. 44

25Cravens,C.(2006).SupplychainmanagementanditsimpactontheValueoffirms",SupplyChainMa nagement:AnInternationalJournal,Vol.22

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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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REFERENCES

[1]Thomas, K., (2013),"The Automotive Supply Chain in the New Normal: Analysis of the Industry Opportunities", Available: www.scmresources.ca/documents/. [Dec. 23, 2013].

[2]Drucker, P, 1946, The Concept of the Corporation, John Day, New York.

[3]AT Kearney, (2013), "The Contribution of the Automobile Industry to Technology and Value Creation", Available : www.atkearney.com .[Dec. 23, 2013]

[4]NSDC, (2010), "Human Resource and Skill Requirements in the Auto and Auto Components Sector(2022) – A Report", Available : www.nsdcindia.org. [Sep. 6, 2013]

[5]Veloso, F.,(2000), "The automotive supply chain: Global Trends and Asian Perspectives," MIT.Available : www.in3.dem.ist.utl.pt.[Sep. 6, 2013]

[6]Humphrey, J., (1999), "Globalisation and Supply Chain Networks: the Auto Industry in Brazil and India", Global Production and Local Jobs, International Institute for Labour Studies, Geneva. Gomes,C.(2013), "Global Auto Report", Available: www.scotiabank.com.[Dec. 23, 2013].

[8]PwC, (2013), "Next – generation supply chains – Efficient, fast and tailored," Global Supply Chain Survey 2013, Available:http://www.pwc.com/gx/en/consulting-services/supply-chain/global-supplychain-survey/assets/pwc-next-generation-supply-chains-pdf.pdf [Apr. 10, 2014]

[9]Automotive (2006), "Automotive Mission Plan 2006-2016 – A Mission for Development of Indian Automotive Industry", Ministry of Heavy Industries & Public Enterprises, Government of India. http://dhi.nic.in.

[10]Auto SCM India 2006, Chennai, "Background note on Supply Chain management in Automotive Industry ".

[11]ACMA, Presentation on "Auto Component Industry in India: Growing Capabilities and Strengths" www.acma.in. [Dec. 12, 2013].

[12]Ray, S., (2012), "Economic Performance of Indian Automobile Industry : An Econometric Appraisal", Business Intelligence Journal, Vol. 5, No.1.

[13]AT Kearney (2013), "Building world class supply chain in India", Conference on Auto Supply Chain Management,2013, Available: www.atkearney.com. [Dec. 23, 2013]

[14]SIAM India - Society of Indian Automobile Manufacturers (SIAM), Available: www.siamindia.com.Accessed on 18 Jan 14. [Jan. 18, 2014]

[15]KPMG, (2006), "Indian Automotive Supply Chain– A Discussion paper" Available: www.in.kpmg.com.[Sep. 6, 2013]

[16]Swaminathan, J.M., (2006), "Managing Supply Chain Operations in India – Pitfalls and oportunities", Building Supply Chain Excellence in Emerging Economies, Springer Science + Business Media LLC.

[17]Joshi,D., Nepal, B.,Rathore,A.P.S.,Sharma,D.,(2013), " On supply chain competitiveness of Indian automotive component manufacturing industry", International Journal of Production Economics, Vol. 143, pp 151–161.

[18]Schwarz, M.,(2008), "Trends in the Automotive Industry-Implications on Supply Chain Management", Cisco White paper Downloaded from Available: www.ictpartner.net/web/about/ ac79/.../ Auto_Trends_WP_FINAL.pdf .

[19]Meyr,H., (2004), "Supply Chain Planning in the German automotive industry", OR Spectrum, Vol. 26 , pp 447-470.

[20]Sharma, V., Sahay,B.S., Sardana,G.S., (2008), “An Empirical Assessment of the Impact of SCM Practices on Quality Performance: A Case in the Indian Automobile Industry”, Supply Chain Forum: An International Journal, Vol.. 9, No. 1.

[21]Spear.S.J.,(2003), “Comments on the Second Toyota Paradox”, Harvard Business School note.

[22]Spear, S., Kent Bowen, H., (1999), “Decoding the DNA of the Toyota Production System”, Harvard Business Review, Sep – Oct 1999.

[23]Christopher, M. (1998), Logistics and Supply Chain Management – Strategies for reducing cost and improving service, 2nd ed., London.

[24]McKinsey(2011),“Building the Supply Chain of the future”, Available:www.mckinsey.com/insights/- operations/building_the_supply_chain_of_the_future. [Dec. 23, 2013]

[25]Fisher,M.L.,(1997), “What is the right supply chain for your product?”, Harvard Business Review,March–April,105–116.

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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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REFERENCES

[1] MoreauR(2004),«émergenceorganisationnelle:Lecasdesentreprisesdenouvellestechnologies»,ThèsededoctoratenSociologie,UniversitédeNantes.

[2] Baccari E., (2006), « Les motivations entrepreneuriales des jeunes entrepreneurstunisiens : étudeexploratoire », L'internationalisation des PME et sesconséquencessur les stratégiesentrepreneuriales, 8ème Congrès International Francophone sur laPME,25-26-27octobre,Hauteécole degestion (HEG),Fribourg, Suisse.

[3] AlainFayolleetBenoîtGailly(2009),Évaluationd'uneformationenentrepreneuriat:prédispositionsetimpactsurl'intentiond'entreprendreM@n@gement,12(3), 176-203.

[4] Shapero A. etal (1982), The social dimensions of entrepreneurship, Encyclopedia ofentrepreneurship,EnglewoodCliffs:PrenticeHall,chap.IV, IV (1982),pp.72–90.

[5] GergenM.-M,JurtasS(1992),Psychologiesociale,EditionsEtudesVivantes,Quebec,551 pages.

[6] Clelland(1965),"Achievementandentrepreneurship:Alongitudinalstudy",.Journalof Personalityand Social Psychology, 1, ,p. 389-392.

[7] Janssen,F.(2006).Entreprendre:Uneintroductiona L'entrepreneuriat.

[8] Davidsson,P(1995),"Determinantsofentrepreneurialintentions",RENTIXWorkshop,Piacenza,Italy,nov. 23-24.

[9] Boissin, J.-P., Chollet, B. et Emin, S(2009), Les déterminants de l'intention de créeruneentreprise chez les étudiants : un test empirique, M@n@gement, vol.12, n°1, p.28-51.

[10] Ajzen.I, (1991), «The Theory of Planned Behaviour ». Organizational Behavior ,179-211.

[11] Begley(1987),T.Psychologicalcharacteristicsassociatedwithperformanceinentrepreneurial firms and smaller businesses. . Journal of Business Venturing, 2(1),79-93.

[12] Gianneloni J.-L, VernetteE(1995), Etudes de marché, Paris, Edition Vuibert, 482pages.

[13] Evrard, Y(2003), Market : Etudes et recherches en marketing.3 ème Edition, Paris,Dunod.