

The Difficulties Faced in Logistics: By Observed Methods

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Abstract

A significance role of logistics has been seen for the growth of firms and their businesses. The main objective of this research was to know about different logistical problems faced by different businesses. In methodology the deductive and inductive approach has been used, the inductive approach is used for the theory process development while theory testing is done through deductive approach, so it comes to know whether theory is applicable to the particular under observed case. From the research results the managers can revise their business policies and overcome different logistics problems. Further uses of the research have been mentioned below.

Keywords: Logistics; Distribution; Standard; Inductive theory

Introduction

A study by (Amaratunga and Baldry, 2001) is based on viewpoint of theoretical absolutely like any human being action. Overlook issues of theoretical can influence quality of research gravely. It is very useful to give details on methodology of research and to put its methodologies into perspective where methodology of article, research refers to the technical framework within which the article is accompanied.

According to (Mangan et al., 2004) the thought about concept for scientific try is basic for the procedure of research in all study area. There are two dissimilar point of view “how should be conduct social sciences research” emanate from two customs of inductive study of facts paradigm and deductive positiveness. And both philosophies have been built into different paradigms over the time of last one century as well this classification has been accepted researchers including; (Milliken, 2001); (Mangan et al., 2004); and (Amaratunga et al., 2002). The inductive paradigm find to attain a big thoughtful of the process and phenomena beneath the examination using a mostly qualitative based methodology for example; survey, case study, as well interview. And the deductive paradigm find the manage and predict using a predominantly quantitative base methodology including statistics technique or mathematical etc.

Research Methodologies

(Easterby-Smith et al., 2002) proposed between the scientists may be map by considering at three key ontological positions: nominalism, Positiveness and relativism. The representationalism centre of attention over quantitatively assess the phenomenon, which has been develop while the relativist assume time to time and place and in the last the nominalism has the names & label, we attach to experience and event as crucial. The quality should be observed in a different way by researcher for the different type such as; the representation list find the result of research as correct as reflection of reality in term to predict an output and thus control the variables to the benefit of the activity. While, the relativist regularly like to confirm that a big sample of answer, viewpoint has been collect into account and the nominalist get additional care concerning who prejudiced their taking and also where the labels came from. The relativist and nominalist are finding to attain big thoughtful and thereby attain big knowledge.

Table II shows a association to epistemology, which illustrate the feature of the methods as well position the research has been used. They main concept of positiveness is that the social view exist outwardly and that its property should be deliberate by methods of objective rather than being inferred subjectively by sense, intuition or reflection.

Table: 1. Research Methods

Research Strategy	Count
Analytical	30
Conceptual	6
Mathematical	0
Statistical	0
Empirical	20
Experimental Design	20
Case Studies	30
Total	86

(Hyde, 2000) said that in the aged vision the dichotomy in the middle of quantitative and qualitative is that quantitative query usually and generally used a process of deductive. However enquiry linked qualitative usually used the process of inductive. In the process of inductive approach is a growth theory process to build generalization regarding the occurrence under investigation with explanation and observation of specific instance. This approach is based on theory trying to check if the theory is apply over the exact instance beginning with a generalization or by now well-recognized theory. While this general differences is it hard to exactly explain, describe the process, which taken from side to side qualitative as well quantitative researchers in their practice. The methodologies of both quantitative as well qualitative can lead to valid and accurate finding in the research. Neither method need rely over the other as its respectability source. Likewise, which approach to way of thinking –inductive or deductive – both are right; and depend over the research endeavour. According to (Hyde, 2000) what is need in a research programmes is not on a period of qualitative, followed by a quantitative stage, but an inductive steps followed through a deductive stage. Several researchers agreed there, there are no any ideal and positive solution, only a series of compromise in the research, researcher including; (Patton, 1991); (McGrath, 1982); and (Amaratunga et al., 2002). In the light of (Spens and Kovacs, 2006) one more approach, which is less popular is “Abduction” means neither totally inductive nor deductive; it is the combination of the box approaches. We have summarise in the table.

Table: 2. Ontologies

Ontology	Relativism	Nominalism
Truth	Requires Consensus between different viewpoints	Depends on Who establishes it
Facts	Depend on Viewpoint of observer	Are all human Creations
Epistemology of Social Science	Relativism	Social Constructionism

Source: (Easterby -Smith et al., 2002)

Table: 3. Methodological Implications of Different Epistemologies
 Social Science Epistemologies

Elements of Methods	Positiveness.	Relativism	Social Constructionism
Aims	Discovery	Exposure	Invention
Starting Points	Hypotheses	Suppositions	Meanings
Designs	Experiment	Triangulation	Reflexivity
Techniques	Measurement	Survey	Conversation
Analysis/Interpretation	Verification/ Falsification	Probability	Sense-making
Outcomes	Causality	Correlation	Understanding

Source: (Easterby -Smith et al., 2002)

Research in logistics

A research by (Naslund, 2002) proposed that the practice of cross-functional and multi-corrective method based on systematics thinking where the problem is usually shows on the basis of real world problem. Many research related with the fields of distributions managements are conquered by methodologies of quantitative that aim to prognostic and predictive. While it does not mean that a paradigm of positiveness or major quantitative method should automatically be the obvious choices in that subject area. The volumes or usages of inductive and mix

approaches is increasing fast. The major hurdles are for survey research to add-in the method of qualitative to expand the greatness of the investigation. Mainly survey are using positiveness t method and very few and limited taken into custody all multifaceted phenomena that exist in the activity of modern demand management. According to (Dunn et al., 1993) while, it has been observed, it is the researcher' trend to use various methods in different disciplines.

Participative Paradigm

The investigation of phenomenological is depend over the participations in the life of genuine-world to provide an outstanding understandings the emergent features of distribution management and supply chain management. In the light of (Naslund, 2002) the paradigm participative is an evolving worldviews which seen human being as co-creating their reality by contribution like as their imaginations, thinking, action experience and intuition. (Reason, 1998) the worldview is on the heart of inquiry methodology this focus participation like a main policy. (Heron and Reason, 1997) discussed that a worldview (participatory) is articulate depends over a propositional as well practical way of knowing a methodology depends over cooperatives association, relationship among co-researcher. (Heron, 1992) the worldviews look human being as a co-creatings them reality by participations in-addition of imagination, experiences, intuition, action and thinking. The reality of participation is an item moving among individual and collective mind, (Reason, 1998). The knowledge come-in for do action. This epistemology implicate, the basic output of this inquiry is a changes in the lived experiences of those include in this inquires. It compare to participant through the way where participant are empowered to explain their world in the services of what they see as an interest of worthwhile. Consequence, they need to changes their world in crucial ways, by action- like as developing a latest form of holistic practice of medical- buildings a roads towards village- developing a sense of competence and empower. In the manufacturing of retail, and also fashion cloths industry involve people working closely with customer's want; by effective delivery as well efficient processes. The paradigm participative is suited to finding how these interactions exist and the learning, advantages of their encounters.

Conclusion

According to (Naslund, 2002) the non-traditional research affects the beliefs related to the nature of reality within the knowledge of epistemology, these run the different techniques of research methodology. Also comparing different beliefs and the world views, the participatory paradigm is relevant. It focuses on participation is an actual strategy; it depends over ontology, realistic approach for knowing, propositional, and extended epistemology.

Through literature reviews of logistics, the lack of mixed methods has been considered to have a contrary effect on development of field. All these methodologies provided academic obstinacy for the development of theory in the field. The participative paradigm contributed as the rigorous methodology of research for understanding and in-depth knowledge for academic development.

Reference

- Amaratunga, D. and Baldry, D. (2001), "Case Study methodology as a means of theory building: performance measurement in facilities management organisations", *Work Study*, Vol. 50 No. 3, pp. 95-104.
- Amaratunga, D., Baldry, D., Sarshar, M. and Newton, R. (2002), "Quantitative and Qualitative Research in the build environment: application of mixed research approach", *Work Study*, Vol. 51 No. 1, pp. 17-31.
- Deshpande, R. (1983), "Paradigms lost: on theory and method in research in marketing", *Journal of Marketing*, Vol. 47, pp. 101-10.
- Easterby-Smith, M., Thorpe, R. and Lowe, A. (2002), *Management Research: An Introduction*, 2nd ed., Sage, London.
- Heron, J. (1992), *Feeling and personhood: Psychology in Another Key*, Sage, London.
- Heron, J. and Reason, P. (1997), "A participatory inquiry paradigm", *Qualitative Inquiry*, Vol. 3 No. 3, pp. 274-95.
- Hunt, S. (1991), *Modern Marketing Theory*, South-Western Publishing Co., Cincinnati, OH.
- Hyde, K.F. (2000), "Recognising deductive processes in qualitative research", *Qualitative Market Research: An International Journal*, Vol. 3 No. 2, pp. 82-9.
- McGrath, J.E. (1982), "Dilemmatics: the study of research choice and dilemmas", in McGrath, J.E. (Ed.), *Judgement Calls in Research*, Sage, Beverly Hills, CA.
- Magee, B. (1985), *Popper*, Fontana, London.
- Mangan, J., Lalwani, C. and Gardner, B. (2004), "Combining quantitative and qualitative methodologies in logistics research", *International Journal of Physical Distribution & Logistics Management*, Vol. 34 No 7, pp. 565-78.
- Milliken, J. (2001), "Qualitative Research and Marketing Management", *Management Decision*, Vol. 39 No. 1,

- pp. 71-7.
- Naslund, D. (2002), “Logistics needs qualitative research – especially action research”, *International Journal of Physical Distribution & Logistics Management*, Vol. 32 No. 5, pp. 321-38.
- Patton, M. (1991), *Qualitative Evaluation and Research Methods*, 2nd ed., Sage, Newbury Park, CA.
- Reason, P. (1998), “The approaches to participative inquiry”, in Denzin, N. and Lincoln, Y. (Eds), *Strategies of Qualitative Inquiry*, Sage, London, pp. 261-91.
- Spens, K.M. and Kovacs, G. (2006), “A content analysis of research approaches in logistics research”, *International Journal of Physical Distribution and Logistics Management*, Vol. 36 No. 5, pp. 374-90.
- Towers, N. and Peng, X. (2006), “An assessment of International Strategic merchandising from China, Post Quota Elimination in January 2005 for the UK apparel market”, *The Journal of the Textile Institute*, Vol. 97 No. 6, pp. 541-8.