

A STUDY ON TRANSPORTATION SYSTEM FOR NATIONAL PARCELS DISTRIBUTION IN VRL LOGISTICS

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Abstract

We are observing a rapid growth of logistics industries in India. It is a business game among several new service providers, technology and infrastructure that will determine whether the logistics industry is capable to satisfies its customers to reduce their transportation and logistics costs and provide efficient services or not? Regularly changing government policies mainly on taxation and governance of service providers are going to play a major role in this methodology of cost reduction. In India, coordination between government agencies requires a various chain of approvals from multiple officials and ministries which is a big threat for multi-model logistics system. At the SME level, the Indian logistics aim is to reduce the cycle time in order to increase value to their customers. Therefore, better practices and better strategies are being adopted by companies in order to enhance their decision making process. This paper provides an outlook of an unpleasant and difficult situation that is hard to get out of and issues with the help of primary research done on it; I have also outlined some of the major challenges and issues with the help of secondary information referred from a number of journals, articles, books and testimonials, and I have also suggested some of the interesting steps and ideas that some organizations are taking to compete through perfection in managing their logistics system. The methodology adopted in this paper includes complete research and review accompanied with the help of personal interaction and observations with the various logistics relevant organizations staffs and their customers.

Keywords: Transportation, Warehouse, parcel, delivery, Packaging, tramping and trunking.

Objectives

- To study about the existing network of Parcel distribution system in the State.
- To study about trunking and tramping system of Transportation.
- To examine the performance of Parcel Distribution System in the state.
- To investigate into the adequacy and quality of goods supplied to the people.

- To examine the attitude and perception of the people towards the role accomplishment of logistics services.
- To investigate about warehouses and to identify the barriers of the system.
- To study about the customer preferences towards distribution.
- To identify the problems faced by the PDS agencies in the distribution of goods and to advance suggestion for the overall improvement in the system.

Statement of a problem

The research is undertaken to study about trunking systems for the distribution of parcels around the nation. This research may tries to find out the answer to the following research questions.

- What are the problems faced by the customer and a company while using trunking system for national parcel distribution?
- What are the expectations and requirements of the people?
- Did awareness spread among the customers about trunking system for parcel distribution?
- Is the trunking system for Parcels Distribution playing positive role?
- Did Safety and security can provide to the customer personal goods while using trunking system?
- Did the parcel can reach the right person at the right time while using trunking system?

Need of the study

- For the faster delivery of parcels to a wide range of customers.
- To reduce waiting time and to access the information regarding distribution to the customers in an easy manner.
- To implement the centralized distribution structure from decentralized structure.
- To manage the system for delivery of parcels to the customers as soon as possible.
- To increase the labor cost.

Scope of the study

1. Identifying the barriers in adoption of the centralized warehouse and the level of influence of transportation system.
2. This study recognizes the target customers to whomsoever want their products immediately within a day or within 48 hours.
3. This study is better to meet the customer demand fluctuations from different market segments at relatively short period.
4. This study is also able to meet labor requirements.

Research Methodology

Research methodology is a technique used to identify, select, process, and analyze information about a certain topic or study. In a research paper, the methodology section allows the reader to critically evaluate a overall validity and reliability about the study.

Research Design

Descriptive analysis is the study used for this research design. Descriptive analysis research is defined as a research method which describes the characteristics of the population being studied.

Study Area

My study area is VRL LOGISTICS LTD. I have chosen this area because it provides wide range of logistics services.

Sampling Technique

The primary data is collected by convenient sampling method. The respondents for this study are selected systematically. Convenience sampling is a type of non probability sampling, where the sample is taken from a group of people easy to contact or to reach.

Sample

The following criterion is adopted to collect responses from the customers of our company.

Sample size

The number of customers taken for sample is 100 members.

Research Instrument

The research instrument adopted was structured questionnaire. For this research a questionnaire consists of 28 questions on various dimensions indicating the perception towards the distribution process.

Statistical Tools

The statistical tools used for this study are the following

- Percentage method.
- Correlation method.
- Chi-square test.
- F-test.

Conclusion

This paper may help to build the successful logistics company. The overall aim of the paper is to create the customer's intention and to improve company's operations. This paper also shows the research to be made on the customer for the improvement of the VRL logistics.

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