Identifying critical success factors in designing effective and efficient supply chain structures: A literature review

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1. Introduction

Most of the people got credit for the creation of critical success factors (CSF) such as Rockart (1979), but contrary to this belief the actual concept was first introduced by (Daniel, 1961). Rockart was one who extensively used it and thus polarized it. He defines CSF as the segments of business which have to be looked after for a business to be successful (Rockart, 1979). He coined the term “Key is” for these segments and these segments need to function well for business to succeed. To sum it up none of the businesses can be successful if these segments do not function efficiently. These segments need resources and attention from management. Leidecker and Bruno (1984), also defined line with (Rockart, 1979) and highlighted the importance of CSF. The long-term success of any business mainly depends upon the efficient and timely handling of CSF, such actions by management insure the survival and future success of the business (Islam, 2010). The organization adopt CSF as part of their strategy and thus rather than being evident they become invisible as they are incorporated into the norms
and values of the organization because the success of the organization is mainly dependent upon them (Ab Talib, Hamid, & Thoo, 2015; Meibodi & Monavvarian, 2010; Van Nguyen, Nguyen, & Bosch, 2017). The authors also note that key success factors and critical success factors are usually considered as the same and thus are interchangeably used in literature. Khandelwal and Ferguson (1999) also endorses this notion followed by (Meibodi & Monavvarian, 2010). The pioneering research in terms of using CSF in logistics management was conducted in the latter part of the 1990s initially by Chiu (1995), who assimilated CSF to logistics management framework to improve the distribution network, he emphasized on the planning of logistics network keeping in mind CSF along with the developing partnerships between different suppliers, analysis of investments and the important oversight function by top tier management Talib and Hamid (2014). His research was followed by and Korpela and Tuominen (1996) and Tate (1996); they also endorsed the role of CSF in logistics management.

In the 1960s the main focus of businesses was the retention of the customer along with creating the customer base which leads to the maximized profits. Chin, Tummala, Leung, and Tang (2004) states that in later decades the trends in businesses moved away from customer retention and companies focused upon providing customers with high-quality products at reasonable prices, by utilizing economics of scale. This also led to a focus on quality and concepts such as TQM, ISO, JIT came into existence with the singular focus of measuring and assuring the quality of the products and services being produced (Alomari, Mansour, Almohtaseb, Salah, & Alshaketheap, 2020; Chandra & Kumar, 2000). According to Li et al. (2005), with the advent of globalization at the start of 90’s the market forces compelled business to adopt new strategies which included a reduction in delivery time along with cost and targeting the right customers (Altekar, 2005) also holds similar views. The organizations were compelled to adopt partnership strategies to maintain their competitiveness rather than working alone when it came to managing the supply chain at both local and global levels. The 21st century gave rise to issues such as competitiveness and financial sustainability, as supply chains of the organization became global (Gunasekaran & Kub, 2007). The successful supply chain structures were based upon recognition of customer satisfaction and reducing the cost, which helped organizations to maintain competitive prices and financial sustainability. This could be achieved by only considering value-adding activities from the supply chain and eliminating the others, resulting in a smooth flow of products and services from suppliers to end-users (Lee & Chan, 2005).

The supply chain is considered the backbone of small as well as medium-sized businesses. As an efficient supply chain provides the financial and operational flexibility to these businesses, helping them to become sustainable (Chalmeta & Santos-deLeón, 2020; Tannous & Yoon, 2018). Technological advancements such as the use of artificial intelligence (AI) and the advent of big data have enabled organizations to increase the efficiency of their supply chain operations (Daneshvar Kakhi & Gargeya, 2019). The adoption of such technologies has enabled them to not only achieve a competitive advantage but also to maintain this advantage well (Huo, Han, & Prajogo, 2016). Regardless of the nature, scale, or scope of organizations the main aim of the supply chain is to improve the efficiency in operations by reducing the cost, supplying the correct material to correct customers within minimum possible time, and cost. Its importance has been recognized by both academic circles as well as practitioners. The scope of supply chain structures is universal as it encompasses the aspects such as procurement, logistics, operations, strategic management, and engaging customer at almost all levels of the organization (Robb, Xie, & Arthanari, 2008) many academics such as (Chow et al., 2008; Corro, Singer, & Donoso, 2007). Earlier researchers such as (Swafford, Ghosh, & Murthy, 2006; Tan, Kannan, Handfield, & Ghosh, 1999) had also concluded on similar notes.

According to Gunasekaran, Patel, and Tirtiroglu (2001), supply chain structures involve devising and organizing operational activities, securing purchasing and locating activities, manufacturing of products, and their components. Seuring and Müller (2008) pursuing finished and raw material inventory and completion of the manufacturing order and delivering them to the end-user within a timely and cost-effective (Squire, Burgess, Singh, & Koroglu, 2006). In the context of gaining competitive advantage, Chow et al. (2008) note the progress of Zara, the span based clothing brand which was able to increase its product range by adding almost eleven thousand products to its existing product line by efficiently utilizing its supply Chain operations. As it can design, manufacture, and deliver the products to its six hundred global outlets in just a few days. Quesada, Rachamadugu, Gonzalez, and Martinez (2008) highlighted the positive correlation amongst the integration of supply chain structures with business objective create win-win situation organizations for both organizations and customers, ensuring quality of products/services, operational flexibility, and cost reduction, which are main objectives of supply chain management. Lambert and Cooper (2000) had earlier shed light on the three basic components the management of supply chain structures, network of the supply chain, and the processes involved in the supply chain, later on, Lambert et al. (2005) conducted further research and highlighted different aspects of supply chain structures and also affirmed their earlier findings.

The three main challenges identified by (Dulababu, Lakshmi, & Girish, 2018; Robinson & Malhotra (2005)) in terms of supply chain structures are First, development of confidence and relationship amongst the members of the supply chain; Second, identification of finest practices and their application in a coordinated manner; and third establishment of the latest information technology-based systems in a collaborative manner. Implementation of quality in supply chain structures and the application of technology in managing the supply chain is key to achieving success in business. Implementation deals with social aspects such as endorsement by supply chain partners, acceptance by employees, etc., meanwhile later tackles the technical aspects of implementing supply chain. On the contrary, Chen and Paulraj (2004) stress that based upon the theory of supply chain the main components can be classified into eight parts, they based their findings on analyses of
almost four hundred academic articles. According to them, these components are the integration of logistics, relationship management of both suppliers and customers, the structure of the network, adoption of updated strategies, support and oversight of higher management, and use of information technology.

Globalization has put additional pressure on the business in the form of increased competition. Supply chain management can act as a tool to counter this pressure as it enables businesses to reduce costs and improve productivity along with quality at the same time. Productivity mainly relies on supply chain management, as it cuts production time and ensures quality. This happens as the right products are delivered in a timely cost-effective manner. In the global setting, the transparency of the supply chain management process is integral for the efficiency of supply chain management. This usually results in quality products that ensure additional demand for the products. The supply chain originates from the anticipation of demand and ends at the fulfillment of order and recording feedback of the end-users. This not only is a competitive advantage but this advantage is also sustainable.

The main aim of this study is to identify the critical success factors (CSF) required for designing effective and efficient supply chain structures. This aspect of supply chain management has hardly been explored by researchers. And only a limited number of researchers namely Koh, Gunasekaran, and Goodman (2011) Lu, Huang, and Heng (2006) have pinpointed out the never-ending stream of CSF in designing efficient supply chain structures.

The remainder of the research comprises a review of the literature relating to CSF in supply chain structures in section 2, outlining the methodology approach in section 3, and lastly the conclusion of research in section 4 along with future direction for researchers.

2. Literature Review and Identifying critical success factors in designing effective and efficient supply chains structures

This section comprises a review of existing literature on the given topic. First and foremost, defining the concept of the efficient and effective supply chain, followed by the identification of CSF for designing such supply chains.

2.1. Effective and Efficient Supply Chain Structures

Management of supply chain structures consists of managing all the components of which are joined to form the supply chain, starting from the supplier or provider of the product, and ending at end users. The supply chain links the supplier to end-users by creating an interlocking mechanism amongst the members of partners and a series of activities undertaken by them from start to finish (Alomari et al., 2020). This also involves the flow of monetary resources from end to start and flow of products from start to end. So, it encompasses the end of the process. It has been listed as one of the most important tools for the success of any business by Gunasekaran et al. (2001) and one main tool for achieving the corporate and business objectives. The main components of a supply chain include planning the activities, identifying the sources, manufacturing of products, distribution of products, and after-sales services such as managing returns. Each activity has different sets of risks, the propensity of which ultimately affect the supply chain. According to Mentzer et al. (2001) supply chain comprises coordinating the conventional activities of a business systematically at a strategic level, the strategies to cope up within and outside the businesses with partners of the supply chain. To improve the financial performance of the business and its partners of the supply chain in both the long and short term. This definition is mostly in line with that of Cooper, Lambert, and Pagh (1997) who also held that integration of all the above-mentioned aspects formulates the SCM, and also emphasized the importance of supply chain structures for the success of any business. One of the most important aspects is the integration of not only processes but the supply chain partners into the closely linked networks, which benefits all the participants of the supply chain in both the long and short term by improving their profitability and enhancing their competitiveness (Lambert & Cooper, 2000).

Christopher (1998), states that the market leadership mainly depends upon the efficiency of supply chain management, he highlights the two main criteria as leadership in terms of services and cost-effectiveness. The companies can increase returns by lowering the cost of production and increasing the overall turnover. The cost of the supply chain is lowered by monitoring both internal and external factors. Internal monitoring includes monitoring of inventory, assessing production and supply lead times, assessing the opportunity cost of these operations. While external aspects include analyzing the feedback from the customers, managing after sales services (Christopher, 1999). Simchi-Levi, Kaminsky, Simchi-Levi, and Shankar (2003) holds that the competitive advantage can only be held by an organization which can focus their attention on both internal and external aspects of supply chain along with close monitoring of all levels of supply chain, by collaborating with the all stakeholders of supply chain ecosystem. The effective and efficient supply chain is a prerequisite for success in global markets. The conflict of interests within the organization's managers and supply chain partners results in the creation of uncertainties and underrisks, these in turn increase the cost while lowering the efficiency of the supply chain, and also have a detrimental impact on the demand of the products along with revenues. Supply chain management enables organizations to rationalize their supply chain function. Supply chain productivity is affected by the extent of the supply channel. Compared with long medium, short-medium has a positive impact on cost reduction and generates more revenue (Sidhu, Sidhu, & Singh, 2011).

The administrative system of the supply chain allies has to turn out to be an essential part of making sure the productivity of the supply chain. According to Jeszka (2014) the statistics, facts, and figures and information are exchanged in the supply chain through teamwork i.e., between vendors with dealers and logistics workers. The managerial aspects related to the
flow of information and managerial behavior such as employee experience and IT systems are affecting the efficiency of supply chain administration. If the company’s policies in the field of reverse logistics are suitable, it will have an encouraging impact on the ability of the supply chain, by doing so expenditure is savings (Jeszka, 2014). It is found that the design choices of products and services are related to supply chain administration. Modular design is linked to a freely coordinated supply chain, while the integrated design is linked to a closely coordinated supply chain (Lau, Yam, Tang, and Sun, 2010), that is, integrated design makes supply chain management more efficient and useful than modular design. Zhao et al. (2014) assume those products whose prices are dependent and demand fall.

Xu, Li, and Wu (2009) tested environmental ambiguity through DEA, which greatly affected the capability of the supply chain. The trust between allies plays a vital role in promoting commitment to supply chain dealings and improving supply chain competency. Based on experience, it has been determined that the stronger the trust between supply chain allies, the higher the responsibility. Furthermore, the company's faith and perceived satisfaction with its supply chain allies, the communication, and the reputation of the allies in the market are closely interrelated. Business administration mainly includes tasks such as management of resources, planning at all levels of the organization, monitoring of business activities, and implementing control activities to achieve the aims and objectives set by management. Ford and Mouzas (2010) described it as "a method of supervising inter-company networks. The rapid changes in customer needs, internalization of the market, and continuous changes in technology require companies to focus on enhancing the enterprising spirit and bring new innovative ideas, effort to obtain customer fulfillment by adding a lot of value to their products (Hung, 2010). Therefore, improving the execution of business techniques it is essential to increase corporate performance (Schiuma, Lerro, & Linzalone, 2008), thereby improving corporate performance, that is, increasing effectiveness, efficiency, and capability (Thomas & Griffin, 1996), which is also promoted by the company's marketing plan (Petersen, Handfield, & Ragatz, 2005) advancement and innovation. Since innovation enables the accomplishment of the latest supply chain methods, goods, and services can quickly respond to customer desires and wants (Leavy, 2010), thus improving the effectiveness of supply chain structures.

2.2. Identifying critical success factors in designing effective and efficient supply chain structures

This part identifies critical success factors in designing effective and efficient supply chain structures.

Daniel (1961) can be considered as a pioneer in terms of research on the achievement aspect of the supply chain as he was the first one to highlight the importance of information systems in crisis management within the organization. He pointed out six aspects of the information system which make it successful and must be considered before design and implementing such a system. Anthony, Dearden, and Bedford (1980) highlighted three requirements for any such system when developing a management control system: “The control system must be modified for the particular enterprise in which the company runs and the precise strategies have been adopted; the key success factors must be ascertained. For a company to succeed, it must create a center of continuous attraction and attention from management and it must be prominent in the key variables reported to all management”.

Probably the main and vital role comes from Rockart (1979), who believes that the key to success is the key to the expansion of an IT-based system. Research by Rockart mainly focuses on the development of the technique to examine major success factors. One of the main credits of Rockart (1979) was that he combined the concepts put forward by (Anthony et al., 1980; Daniel, 1961) generalized the CSF which can be universally applied to almost all organizations within the specific industry. These factors could be adopted by the organization based on their nature, location, and general environmental settings. Based on the literature review we identified below critical success factors in designing effective and efficient supply chain structures.

2.2.1. Mutual Partnership

As per Holweg, Disney, Holmström, and Smáros (2005), the purpose of partnership in the supply chain is to form various forms of universal, clear, and compelling demand patterns. Besides, partnership in the supply chain is an important factor, and companies must integrate their consumers and dealers. This is consistent with Flynn, Huo, and Zhao (2010) that specified cooperation must engage both vertical (dealer customers) and horizontal (opponent) cooperation. Moreover, prosperous partnerships in the supply chain also provide many encouraging results, such as reducing costs, upgrading service competency and effectiveness, increasing profits, and allowing better operational adaptability (Glenn Richey Jr, Roath, Whipple, & Fawcett, 2010).

The partnership in the supply chain cannot be curtained because it is hard to implement, as the lack of awareness and information about when who, or with whom to work in partnership and trusting the problems between partners can become an obstacle to success (Hong, Dobrzykowski, Park, Näslund, & Hulthen, 2012). According to Hong et al. (2012), the basics of supply chain cooperation and enterprise are faith (visibility), mutual relationship, sharing of information, and honesty, and communication. These fundamentals are sustained by (Kim & Rhee, 2012).
2.2.2. Executing Communication and Information Expertise

The use of Information technology-based communication systems is a significant strategic component in supervising the supply chain. According to Handfield and Nichols, 1999, information and communication technology performs as a communicator and facilitator for product and process communication, while minimizing paperwork and delivery time. It also offers companies many opportunities to simplify communication and develop dealer/buyer feedback deficiencies. Therefore, the valuable development of information and communication technologies is vital for the expansion of fast and efficient systems.

Companies need a basic understanding of specific expertise. This is essential for preparing strategies and attaining expected improvement (Tummala, Phillips, & Johnson, 2006). The quick growth in technology has brought many options for information technology software. Fawcett, Wallin, Allred, and Magnan (2009) mentioned that through effective use of technological infrastructures such as software packages, the Internet, and decision support systems, information can be easily transmitted in the supply chain. The Internet-based application development is an additional means used for processing information linked to the supply chain, for instance processing acquisition dealings with both in operations and strategy. Web-based Internet technologies can provide some examples, such as using e-mail/fax, internet, EDI, (EFT), Internet auctions, etc., which can perform supply chain management activities more effectively. The review time for companies using such systems can be reduced by almost two-thirds. The more use of the internet between the organizations has led to normal and more frequent communication amongst different organizations.

2.2.3. Support from Senior Management

Van Hoek, Chatham, and Wilding (2002) supply chain structures, management support is essential and Dinter (2013) holds the same view that the support from senior management is essential to the success of the information logistics strategy. Also, Power, Sohal, and Rahman (2001) believe that to make companies more responsive in the supply chain process, a participatory management style is needed. Moreover, fine communication, worker participation and appreciation, cross-departmental interaction, and dedicated administrators are the signs of participation in participatory supply chain management. Furthermore, senior management support includes assigning resources, incentive mechanisms, and time, maintaining strategic procurement, developing strategic supplier affairs, and determination to adopt information technology (Tummala et al., 2006). Besides, Lin, Kuei, and Chai (2013) the communication, inspiration, obligation, and uninterrupted execution of the plan are the factors supporting the middle and upper management of the supply chain quality management (SCQM). One of the main CSF in supply chain structures is the oversight and support function by strategic management, for example, according to Ngai, Cheng, and Ho (2004), in addition to financial support and priority setting, the support of senior management can also come from the emotional and behavioral support of employees who resist change. Conversely, Fawcett, Magnan, and McCarter (2008) explained the difficulty of management and the foresight of top managers as obstacles to booming supply chain incorporation and the conclusion drawn that supply chain management is one of the top management’s agenda, but there is a lack of understanding of the need to support supply chain management. Huam, Yusoff, Rasli, and Abd Hamid (2011) supports this result because company culture support can improve company completion, but frail company culture cannot.

2.2.4. Human Resource Management

Along with support at the organizational level, the manager handling supply chain needs to have the necessary skill set for the operations to be successful. Retaining such employees is difficult for companies and companies to face difficulties in hiring such employees, they tend to outsource the function of the supply chain. Hiring supply chain specialist is also considered as one important success factors in supply chain structures (Hidalgo & López, 2009), the need for training cannot be overlooked, because training is of the utmost important factor of human resource management (HRM), because providing the best staffs with suitable training will advantage the supply chain process (Fawcett et al., 2008). Education and training are necessary because they will avoid the ERP implementation collapse. Besides, Gowen and Tallon (2003) illustrate the key impact of human resource management in supply chain management, that is, strengthening HRM through management support and staff engagement, and through useful training, which will alleviate supply chain execution obstacles and improve supply chain performance.

2.2.5. Environmental Uncertainty

According to Dwivedi and Butcher (2008), the natural ambiguity refers to natural problems in the product chain. Ettlke and Reza (1992) described it as a surprising modification in consumers, dealers, opponents, and technology. Yusuf (1995) said that government support plays a key part in the success of enterprises. The environmental insecurity is the main aspect in achieving strategic supply management structure. To enlarge in outsourcing actions in the industry has increased people's understanding of the importance of strategic supply management, thereby civilizing relationships between associations.

2.2.6. Value-Addition Process

Value-addition products are commodities that already exist and require minimal innovation. Bishop (1990) defines them as, value-addition can be explained as "the accumulation of manufacturing or examining steps to goods, the customer sees it as enhancing its importance." clients mostly price products according to their perception, and if the product proves better
than their perception, they will gain value. There are two main factors of value addition are the quality of products and their flexibility. Dramm (2000) held that the wooden products-based industry is mostly committed to attaining the maximum value at the lowest cost throughout the manufacturing process, thereby refining competency, superiority, and yield. Therefore, it is essential to incorporate the manufacturing systems part of the value-addition process.

2.2.7. Business Management

Business administration includes leading, preparing, systematizing, observing, and controlling all implicated participants and actions in the company to attain aims and objectives. Ford and Mouzas (2010) describe it as “the method of managing systems among companies”. With the rapid changes in the internalization of the marketplace, clients’ demand, and the continuous changes in technology and expertise, companies require to focus on the betterment of competitiveness and trying to obtain consumer fulfillment by creating value-added products. Therefore, encouraging innovation and value addition to both products and business processes can be considered as essential functions of management. Besides, to improve manufacturing and business performance, process strategies can be used and managers see advertising strategy as an instrument to improve their returns (Petersen et al., 2005). Innovation and development are an integral part of any business as adopting and updating the latest innovations in product design, improvement of customer services are necessities for the long-term success of any business (Leavy, 2010).

2.2.8. Generating Business Culture

The main requirement for change is the company’s environment and dedication, in the form of support by the employees of supply chain flows within an organization (Tan, Kannan, & Handfield, 1998). Clear communication and time are required to establish a working relationship with suppliers, which is only possible if management at all levels shows its commitment and oversight function, without which it becomes almost impossible. The processes and functions need to be designed in such a way as to accommodate all partners of the supply chain (Cooper et al., 1997). It is significant for all levels of management to review the compatibility of their ethnicity and cultures when associations start to develop long-term dealings.

The business culture must build up in the way of supporting supply chain members to solve problems and improve functions. After reaching a cooperation agreement, you need to work hard to solve the problem instead of transferring to a new colleague. A new cultural alter that needs to be made is a major devotion to supply chain structures. Supply chain structures must be included with other actions and procedures by genuinely distinguishing the ability of supply chain administration can companies attain achievable goals (Lester, 2000).

2.2.9. Developing Relationships Between Customer and Supplier

Establishing a joint venture is one of the most vital steps to establish and sustain the connection between consumers and dealers. To include all suppliers in the supply chain plan of a strategic partner, we should first check which suppliers have special strategic implications. The rising corporation needs a lot of funds and can bring considerable threats (Stuart & McCutcheon, 2000). Carter, Carter, Monczka, Slaight, and Swan (2000) also stresses on the development of symbiotic partnerships between different stakeholders of the supply chain, these mainly include both internal and external partners of the supply chain network, this can be achieved when all of the members of this network have a clear understanding of the functioning and objectives of each other.

According to Groves and Valsamakis (1998), many types and levels of relationships exist between suppliers and customers. These dealings can be considered as if they were a continuum from disagreement (fair trade) to a complete joint venture. Acceptance of the joint venture system is in line with fundamental theory of supply chain management, one of the negativities such relationships arise when the procurement is solely based upon the price, ignoring other factors, such negativities do arise but are mostly temporary in the long-term partnerships. A comprehensive partnership involves the sharing of threats, profits, and consistent improvement evaluations. The company can be based on solo or various sources. A solo purchase requires a lot of confidence and expectation. And only a small number of firms can establish true trust relationships with dealers. The dealers must be confident that they will not be used by this arrangement.

2.2.10. Logistics

Rimiesen and Grundey (2007) defined logistics as “the accountability of designing and managing systems to supervise the movement of raw materials, work-in-progress and completed product inventories and geographic location at the lowest whole price”. A study by Autry, Zacharia, and Lamb (2008) held that logistics management should be focused on actions, logistics public accountability, strategic supply strategy, and coordination and collaboration of technology. Material supply usually engages a mixture of information flow, material treatment, making, wrapping, inventory, shipping, evidence, and deceleration, and sometimes safety (Czakon, Kawa, & Scott, 2019). The complication of the supply is often sculpted, examined, and optimized through devoted imitation packages. Minimizing resources consumption may be a common inspiration for the whole supply segment (Richey Jr & Davis-Sramek, 2020).
Table 1
Summary of critical success factors (CSF) in supply chain structures

<table>
<thead>
<tr>
<th>CSF</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Mutual Partnership</td>
<td>Holweg et al. (2005), Flynn et al. (2010), Glenn Richey Jr et al. (2010), Hong et al. (2012), Kim and Rhee (2012)</td>
</tr>
<tr>
<td>2 Executing Communication and Information Expertise</td>
<td>Handfield and Nichols, 1999, Tummala et al. (2006), Fawcett et al. (2009)</td>
</tr>
<tr>
<td>3 Support from Senior Management</td>
<td>Van Hoek et al. (2002), Dinter (2013), Power et al. (2001), Tummala et al. (2006), Ngai et al. (2004), Fawcett et al. (2008), Huam et al. (2011)</td>
</tr>
<tr>
<td>7 Business Management</td>
<td>Ford and Mouzas (2010), Petersen et al. (2005), Leavy (2010)</td>
</tr>
</tbody>
</table>

3. Methodology

This article is based on relevant journals, books, reports, and other secondary materials. Literature analysis is the main method of this research. We reviewed seventy-three articles and books published in internationally well-known academic journals mainly related to supply chain management, logistics administration, operation administration, and other fields to discover the aspects that influence the efficiency of supply chain structures.

4. Conclusion and future research

This research aims to discover the main critical success factors (CSFs) in designing effective and efficient supply chain structures field by reviewing articles related to critical success factors and suggest mutual partnership, executing communication and information expertise, support from senior management, human resource management, environmental uncertainty, value-addition process, business management, generating business culture, developing relationships between customer and supplier, logistics. These CSF’s have been explained in detail using the published literature in prior sections of the research.

Today's international business strategy has changed. The supply chain is not restricted to manufacturing companies, but also includes service companies, which now focus on supply chain organization to ensure that they provide customers with punctual services. Customers are reluctant to waste time waiting in line, which is why they search for substitute products where they can get quick service. In this case, the correct management of the value chain is very significant. The above aspects create value at all phases of the supply chain. They cannot examine anything except the company incoming to the market or even before entering the market. They can progress the quality of products or services by recognizing, evaluating, and ensuring the successful use of these aspects.

This secondary research smooths the way for further study. First, interested researchers, academicians can cultivate research interest to examine the framework developed through literature review under practical conditions. Second, the research program can be outlined to see if the factors that make sure useful supply chain management contribute the same across the business. Lastly, a study can be outlined to see the impact (financial and non-financial) of effective supply chain management. Finally, to extra promote the knowledge system of supply chain management and CSF, prospect researchers should try to link CSF- supply chain management with company performance. The research on testing the CSF-SCM with good performance should be completed long ago and should be the primary agenda for future research. Such as Lippmann (1999) stated that previous research on CSF is only a list of possible CSFs, so no one should try to link CSF to company performance.

References


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