

# Role of Vendor Development on Organizational Effectiveness: An Empirical Study in the Food Industry

**Mr. Dnyaneshwar Hirachand Ghuge**

**Research Scholar**

**Savitribai Phule Pune University**

**dnyaneshwarghuge10@gmail.com**

**Dr Yogesh W Bhowte**

**Professor and Research Guide**

**Sinhgad Institute of**

**Management and Computer Applications Narhe Pune.**

**Savitribai Phule Pune University.**

**Email ybhowte@gmail.com**

## **Abstract**

The food business in India is heavily dependent on vendor development to improve organizational effectiveness. By cultivating solid supplier connections, effective vendor development guarantees a resilient supply chain. In order to minimize manufacturing delays and guarantee product availability to satisfy consumer needs, this results in a consistent and reliable supply of raw materials. It makes observing food safety regulations and quality control easier. Organizations can protect consumer health and trust by strengthening vendor relationships and enforcing strict quality control and regulatory compliance. Additionally, efforts for vendor development can promote efficiency and creativity. A company's ability to compete in the market can be increased by working with vendors to find and use new technologies or process enhancements that will improve product quality while cutting manufacturing costs. Ultimately, food industry companies may strengthen their supply chain, innovate, and produce higher-quality products by investing in vendor development. This will increase their overall efficacy as an organization and ensure long-term growth. Study survey was conducted on 205 vendors of food industry to know the role and impact of vendor development on organizational effectiveness in the food industry and concludes that there is significant impact of Vendor Development on Organizational Effectiveness.

**Keywords:** Vendor development, Supply chain resilience, Quality control, Regulatory compliance, Consumer trust, Efficiency, Innovation, Long-term growth .

## Introduction

The efficacy of organizations is greatly impacted by vendor development in the Indian food business. In order to meet customer needs and minimize manufacturing delays, it guarantees a dependable supply chain. Furthermore, maintaining tight ties with suppliers guarantees adherence to safety and quality standards, protecting customer confidence. Through vendor alliances, firms can improve their competitiveness by promoting innovation and cost reductions. Consequently, putting money into vendor development promotes sustainable growth in the food sector, enhances product quality, and streamlines supply chains. Information and communication technology (ICT) combined with good supply chain management (SCM) techniques is a key component of India's agri-food supply chain and enhances organizational effectiveness. Adoption of ICT facilitates enhanced coordination among stakeholders, which enhances the visibility and responsiveness of the supply chain, as noted by Kumar et al. (2020). ICT and efficient SCM techniques improve inventory control and expedite the purchase process. Thus, in order to fully capitalize on these technical developments, vendor development programs become essential. Establishing cooperative associations with suppliers can guarantee prompt availability of superior inputs, curtailing lead times and production expenses while augmenting product excellence and competitiveness in the market.

According to Trebbin (2014), it is critical to use producer associations in India to connect small farmers with contemporary retail outlets. Small-scale farmers gain access to bigger markets and resources through vendor development programs including the creation of producer businesses. Vendors can enhance their manufacturing processes, comply with quality standards, and fulfill the demands of contemporary retail chains by means of capacity building and market connections enabled by these producer groups. Thus, by encouraging inclusion, sustainability, and localized economic growth, vendor development not only helps individual vendors but also fortifies the agri-food supply chain as a whole.

The larger implications of supplier growth in supply chain management of social and societal challenges were explained by Yawar and Seuring (2018). Within the Indian food sector, vendor development programs tackle social and environmental issues in addition to improving operational effectiveness. Organizations may support social empowerment, environmental preservation, and poverty alleviation by involving suppliers in ethical sourcing, sustainable practices, and community development initiatives. Thus, in the Indian food business, vendor development becomes a strategic necessity for promoting organizational success and concurrently addressing wider societal concerns.

## Literature Review

"Supply Chain Practices" play a key role in determining organizational effectiveness in the manufacturing sector of India. Effective supply chain methods and organizational success are closely related, as highlighted by Gorane and Kant (2017). To ensure smooth procurement, production, and distribution operations, these procedures are especially important in the food business environment. One important way that vendor development can improve organizational effectiveness is by being a crucial part of supply chain management. Food firms may enhance overall operational efficiency, optimize their supply chains, and save costs by cultivating good partnerships with suppliers and vendors. Additionally, companies can maintain their competitiveness in the ever-changing market environment by fostering innovation and quality improvement activities through effective vendor development.

The use of socially conscious supplier development techniques in Indian dairy supply chains was the main emphasis of Yawar and Kauppi (2018). Including socially conscious techniques is becoming more popular in the vendor development space. Sustainable production, community involvement, and ethical sourcing are becoming more and more important to food sector organizations. Firms can improve their reputation and further the well-being of society at large by coordinating their vendor development strategies with environmental and societal objectives. Along the entire food supply chain, this strategy promotes sustainable development in addition to increasing organizational effectiveness. In India, the informal sector, which includes street food vendors, is the focus of skill development activities. Pilz et al. (2015) focused on Vendor development that includes both skill development and capacity building among suppliers, going beyond the conventional supply chain management paradigms. Food organizations give vendors the tools they need to enhance their business operations, cleanliness standards, and service quality by funding training programs and granting them access to resources. This raises the general standard of quality and safety of food products that are delivered to customers, supporting the effectiveness of organizations and encouraging favorable socioeconomic results in the unorganized sector.

As a key component influencing organizational effectiveness, "collaboration" comes into focus. Aggarwal and Srivastava (2016) examined the complex dynamics of cooperation in various supply networks. Food organizations and their suppliers must work together to develop vendors in an efficient manner. Throughout the supply chain, companies may co-create value by promoting mutual understanding, trust, and communication. A competitive edge and increased organizational performance are supported in the ever-changing agri-food industry by such collaboration, which facilitates simpler procedures, shorter lead times, and improved responsiveness to market needs. Proficient "vendor development" is essential to maximizing "supply chain management" techniques in the food processing industry, as assessed by Dharni and Sharma (2015). Organizations can better manage risks, cut expenses, and improve supply chain performance by optimizing their manufacturing, distribution, and procurement procedures.

The performance assessment of supplier development programs was the main emphasis of Routroy and Pradhan (2014). To maximize the influence of vendor development programs on organizational effectiveness, they need to be carefully examined and optimized. Food companies can gauge the success of their vendor development initiatives by using continuous improvement techniques and performance measurement frameworks. Organizations may improve supply chain procedures, strengthen vendor relationships, and promote sustainable growth in the agri-food industry by evaluating their strengths, shortcomings, and potential improvement areas.

Mohamad et al. (2014) assessed that the food manufacturing industry benefits greatly from the implementation of customer relationship management (CRM) strategies, which boost organizational performance. Relationships with suppliers are the main emphasis of vendor development, but CRM techniques are also influenced by it. In order to provide end users with value, vendors are essential players. Thus, organizations can benefit from vendor development programs that put a priority on responsiveness and customer-centricity. To ensure organizational success in the context of sustainable food supply chains, "sub-supplier management" must be done well. Sub-supplier management's foundational elements are examined in detail by Grimm et al. (2014) in the framework of sustainability. Subsequent suppliers are an important part of the overall resilience and sustainability of the supply chain, therefore vendor development programs should not only focus on initial suppliers.

According to Rajaguru and Matanda (2019), supply chain capabilities and organizational performance are strongly influenced by compatibility and supply chain process integration. The successful implementation of supply chain technologies and processes is essential for the success of vendor development programs. The dynamic landscape of the Indian food sector drives supply chain excellence and competitive advantage, and food enterprises can capitalize on this to increase their effectiveness. Parwez (2014) goes into further detail about the challenges and opportunities that come with managing the food supply chain in Indian agriculture. By employing vendor development to the fullest extent possible, food companies may boost organizational productivity and encourage value creation in the Indian food sector.

The degree of "supply chain practices" implementation in Indian manufacturing companies has a big impact on how effective the company is run. Research on the implementation and uptake of "supply chain practices" in Indian manufacturing companies was assessed by Gorane and Kant (2016). "Supply chain practices," such as "vendor development," must be implemented successfully in the food business in order to maximize operational efficiency and streamline procedures. Organizations can better connect "vendor development" activities with strategic objectives by evaluating the present state of implementation and identifying areas for improvement. Food companies can create value and gain a competitive edge in the ever-changing market by using "supply chain practices" as accelerators for organizational

effectiveness. The "benefits, criteria, and activities" related to "supplier development" were assessed by Dalvi and Kant (2015). Initiatives related to "vendor development" in the food sector need to be directed by a thorough comprehension of the standards and advantages that they prescribe.

### Aim

1. To know the Role of Vendor Development on Organizational Effectiveness in the food industry.
2. To know the impact of Vendor Development on Organizational Effectiveness.

### Methodology

Study survey was conducted with the help of questionnaire on 205 vendors of food industry to know the role and impact of vendor development on organizational effectiveness in the food industry. "Convenient sampling method" for data collection along with "mean and t-test" for data analysis

### Findings

Demographic table shows that 62.9% are male and 37.1% are female. 41.0% of them are below 40 years of age, 45.8% falls in the category of 40-50 age group and 12.3% are above 50 years of age. 23.4% of the respondents are manufacturers, 29.8% are wholesaler, 25.4% are distributors and rest 21.5% respondents are retailers in the food industry.

**Table 1 Demographics**

"Variable"	"Respondent"	"Percentage"
<b>Gender</b>		
Male	129	62.9
Female	76	37.1
<b>Total</b>	<b>205</b>	<b>100</b>
<b>Age (years)</b>		
Below 40	86	41.9
40-50	94	45.8
Above 50	25	12.3
<b>Total</b>	<b>205</b>	<b>100</b>
<b>Type of vendors</b>		
Manufacturer	48	23.4
Wholesaler	61	29.8
Distributor	52	25.4
Retailer	44	21.5
<b>Total</b>	<b>205</b>	<b>100</b>

**Table 2 Role of Vendor Development on Organizational Effectiveness**

“S. No.”	“Statements”	“Mean Value”	“t value”	“Sig.”
1.	Vendor development ensures a smooth and efficient supply chain	3.19	2.768	0.003
2.	Streamlines processes, minimize stockouts, and optimize inventory levels	3.12	1.759	0.040
3.	Vendor development maintains product quality and safety standards	3.17	2.532	0.006
4.	Ensure suppliers to follow strict quality control measures and comply with regulatory requirements	3.20	2.919	0.002
5.	Vendor development help to deliver high-quality products to consumers	3.15	2.225	0.014
6.	Foster innovation and drive product development within the food industry	3.21	3.063	0.001
7.	Introduce new products, improve existing ones, and help company to stay competitive in the market	3.13	1.914	0.029
8.	Vendor development help food companies negotiate favorable terms and pricing with their suppliers	3.18	2.662	0.004
9.	Vendor development promote sustainability and social responsibility within the food industry	3.16	2.338	0.010
10.	Closely monitors vendor performance by conducting regular audits, and implementing contingency plans	3.14	2.081	0.019

Table 2 showing different role and impact of Role of Vendor Development on Organizational Effectiveness. The respondent says that Vendor development foster innovation and drive product development within the food industry with mean value 3.21, Ensure suppliers to follow strict quality control measures and comply with regulatory requirements (3.20), Vendor development ensures a smooth and efficient supply chain (3.19), help food companies negotiate favourable terms and pricing with their suppliers showing mean value 3.18. Vendor development maintains product quality and safety standards (3.17), promote sustainability and social responsibility within the food industry (3.16), Vendor development help to deliver high-quality products to consumers (3.15) and closely monitors vendor performance by conducting regular audits, and implementing contingency plans (3.14). Survey also throws light on that vendor development introduce new products, improve existing ones, and help company to stay competitive in the market (3.13) and Streamlines processes, minimize stockouts, and optimize inventory levels with mean value 3.12. The value under significant column for all the statements related to role of Vendor Development on Organizational Effectiveness is significant.

## Conclusion

To sum up, vendor development is essential to improving organizational effectiveness in India's food sector. Companies may guarantee a consistent supply of premium ingredients and resources, preserving product consistency and satisfying customer demand, by cultivating strong connections with suppliers. Successful vendor development programs also help to lower costs through bargaining, buying in bulk, and effective supply chain management, which eventually increases the organization's profitability. Additionally, through strong vendor collaboration, businesses may stay up to date on technical developments, market trends, and regulatory changes. This allows them to remain competitive in the ever-changing food industry and adapt rapidly. Additionally, vendor development encourages ongoing innovation and progress. Companies can incentivize suppliers to invest in R&D by forming strategic alliances and providing channels for vendor input. This will result in the introduction of new goods, procedures, and packaging solutions that meet changing industry standards and consumer preferences. Additionally, by broadening the supplier base and guaranteeing company continuity even in the face of disruptions like natural catastrophes, geopolitical conflicts, or supply chain delays, vendor growth efforts help to mitigate risk. In general, efficient vendor development improves the overall effectiveness, competitiveness, and resilience of Indian food sector organizations in addition to fortifying the supply chain. As a result, in order to promote long-term growth and success in the complex and demanding business climate of the food sector, businesses must strategically emphasize vendor development.

Aim of the study is to know the role and impact of vendor development on organizational effectiveness in the food industry. It is found that vendor development foster innovation and drive product development within the food industry, ensure suppliers to follow strict quality control measures and comply with regulatory requirements, ensures a smooth and efficient supply chain, help food companies negotiate favorable terms and pricing with their suppliers and vendor development maintains product quality and safety standards. The study concludes that there is significant impact of Vendor Development on Organizational Effectiveness.

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