

The Development of Buddhist Principles Model in Thai Supply Chain

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Abstract

A research articles on the subject was the development of Buddhist principles model in Thai supply chain. From the literature review and case studies on the application of Buddhist principles in business and supply chain management. The author found large number of paper and articles in supply chain management. The objective of paper was to develop and evaluate the Buddhist principles model in the Thai supply chain. The samples are ten expert group in supply chain and Buddhist studies. The data is analyzed by means and standardized deviations. The measurement and the evaluation of model are based on Black-Box Testing. The research results about the development of Buddhist principles model in Thai supply chain comprises seven namely main components, Suppliers, Buddhist Agencies, Buddhist Customers, Distribution, Service provider and Consumers. The overall evaluation result for the development of Buddhist principles model in Thai supply chain shows the overall rating mean of 3.78 and standard deviation of 1.12. Suggesting that the development of Buddhist principles model in Thai supply chain may guide for improving efficiency, sustainability and balance in Thai business management and operations, including in the supply chain .

Keywords: The development of model, Buddhist principles, Thai supply chain

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1. INTRODUCTION

Approximately 470 million people follow Buddhism, making it one of the main faiths in the world. This amounts to roughly 7% of the world's population. Thailand is the country where Buddhism is most common, but it is also widely practiced in China, Japan, Korea, Singapore, Vietnam, Cambodia, Laos, Sri Lanka, and Burma. Tibet, Bhutan, Mongolia, the surrounding regions of India, China, and Russia are among the other nations that have been greatly impacted by Buddhism (Demographics of Buddhism, n.d.). Various countries are adopting Buddhist teachings and meditation techniques to enhance social-emotional education in elementary and high schools, guiding the training of health workers, therapists, attorneys, and professionals in the corporate sector. Instructors, medical professionals, nurses, mental health therapists, palliative care advisors, human rights advocates, and social reformers are learning practices centered on mindfulness, kindness, and compassion. This training serves to mitigate secondary trauma and compassion fatigue while

aiding them in becoming more engaged, resilient, and sustainably responsive towards those they assist. Such reflective trainings are also being referenced to guide efforts with individuals facing physical and mental health challenges, families in crisis, individuals nearing the end of life, incarcerated persons, those struggling with addiction, survivors of trauma, underprivileged youth, and others. (Makransky, 2022) There is also some Buddhism in the US, with Hawaii housing the largest concentration of Buddhists (Buddhists, 2018). The global business environment of the twenty-first century is more diversified in terms.

The global business environment of the twenty-first century is more diversified in terms of geography and culture than it has ever been. Businesses throughout the world are now connected and able to conduct business with ease because to the widespread adoption of technology. Professionals in the business world need to be ready to work in this incredibly diverse setting. This involves having the capacity to communicate with business professionals from various cultural and religious backgrounds in an efficient manner. Many societies around the world rely heavily on religion. In many regions of the world, business procedures are influenced by cultural and religious conventions, which business professionals need to be doing business. The significance of Buddhist ideas has been recognized by the researcher. (Samuel & Joshua, 2019) The utilization of these ideas to supply chain management is an intriguing idea that has drawn more attention recently. Many businesses are starting to realize how using Buddhist ideas like compassion, mindfulness, and the idea that everything is temporary may improve operational efficiency and sustainability.

Therefore, the offer chain management process is a key process to support the business's whole duties system from farther upstream to downstream operations. Buddhist principles model in Thai supply chain will allow the organization to promptly check the data to ensure that the organization operates smoothly and effectively based on the determined strategies. Utilizing on this realization. (Chansamut, 2021; Chansamut, 2023c) The researcher has decided to develop and evaluate the Buddhist principles model in Thai supply chain for develop and evaluate the Buddhist principles model in Thai supply chain for creating a consumers satisfaction.

2. Objectives

2.1 The Supply Chain Management

Kham Nai (2012) said that supply chain management for education must take into account a number of factors, Supply chain relationships across different firms with the specific objective of decreasing the system's operating process and raising service levels to meet client needs efficiently. Firstly, the supply chain management has several key components, as following:

2.1.1 Suppliers are people who provide raw materials to service units, such those that produce high quality graduates for society.

2.1.2 The term "manufacturer" refers to the individual in charge of converting the raw materials that are obtained from the supplier to be more valuable.

2.1.3 The term "distribution center" refers to the location where goods are delivered to customers or consumers. Products from numerous organizations, including universities, may be included in a single product distribution. Numerous institutions will be graduating graduates.

2.1.4 Customers or retailer represent the supply chain's end. However, the goods or services must be utilized until their worth is depleted and without enhancing them.

Douglas & Matias (2017) said that the integration of important business activities from end users through original suppliers who offer goods, services, and information that benefit clients and other stakeholders.

Verma & Boyer (2010) said that Business groups in the supply chain will collaborate to transform raw materials into goods and distribute them to customers.

The adoption of Buddhist philosophies within supply chain management, or supply chain management is a notion that has been increasingly recognized by businesses aiming for ethical conduct and ecological balance. Rather than a set of specific procedures, Buddhist values offer an ethical basis and awareness of mutual dependence, which allows supply chain management to prioritize shared benefits that extend into the future.

Conceptual framework

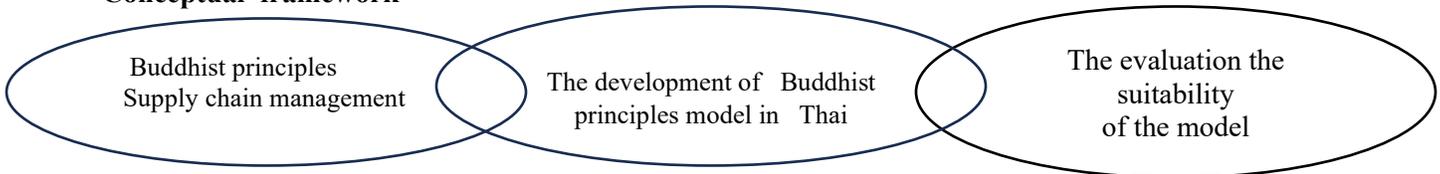


Figure 1 Conceptual framework about the development of Buddhist principles model in Thai supply chain

Conceptual framework of the development of Buddhist principles model in Thai supply chain is considered include document analysis about Buddhist principles, Supply chain management and The evaluation the suitability of the model.

Research instruments namely the development of Buddhist principles model in Thai supply chain and A questionnaire to assess the expert's opinions toward the development of Buddhist principles model in Thai supply chain

Population and Sample: the research sample of evaluators of the development of Buddhist principles model in Thai supply chain ten expert group in supply chain and Buddhist studies.

Independent Variable: the independent variable is The development of Buddhist principles model in Thai supply chain

Dependent Variable: the dependent variable is the evaluation result of The development of Buddhist principles model in Thai supply chain

3. METHODOLOGY

Examining and combining relevant papers and research according to the review of documents and relevant literature from both within and outside the country about the development of Buddhist principles model in Thai supply chain comprising 7 articles and select relevant articles from both domestic and international sources using a random selection method, as shown in figure 2. Subsequently, The data was collected and synthesized. Specifying the study framework and designing with information gathered the development of Buddhist principles model that they must Submit the models for review through in-depth interviews with consultants and ten expert group in supply chain and Buddhist studies. Design with information gathered model from research, studies, and the examination of pertinent materials and submit the models for review through in-depth interviews with consultants and ten expert group in supply chain and Buddhist studies again and develop a questionnaire for the experts to assess the suitability of the components namely The suitability of the main components, The suitability of sub-components of the suppliers component. The suitability of sub-components of the Buddhist Agencies component, The suitability of sub-components of the Buddhist customers component, The suitability of sub-components of the distribution component, The suitability of sub-components of the service provider component and The suitability of sub-components of

the consumers component after that they must gather the data. Utilizing the arithmetic mean and standard deviation as the following criteria, a questionnaire is created and sent to the experts to get their thoughts on the suitability by using the Likert scale criteria. (Karnasum, 1985; Chansamut, 2021; Chansamut, 2023a; Chansamut & Piriyastrawong, 2014; Honorato, Hsuan & Monteiro de Carvalho, 2019)



Figure 2 Quick Response Code about the development of Buddhist principles model in Thai supply chain (Chansamut & Piriyastrawong, 2014; Chansamut, 2021; Chansamut, 2023b)

4. RESULTS AND DISCUSSION

4.1 Research results on the development of Buddhist principles model in Thai supply chain. Research results about the model were shown in figure 3.

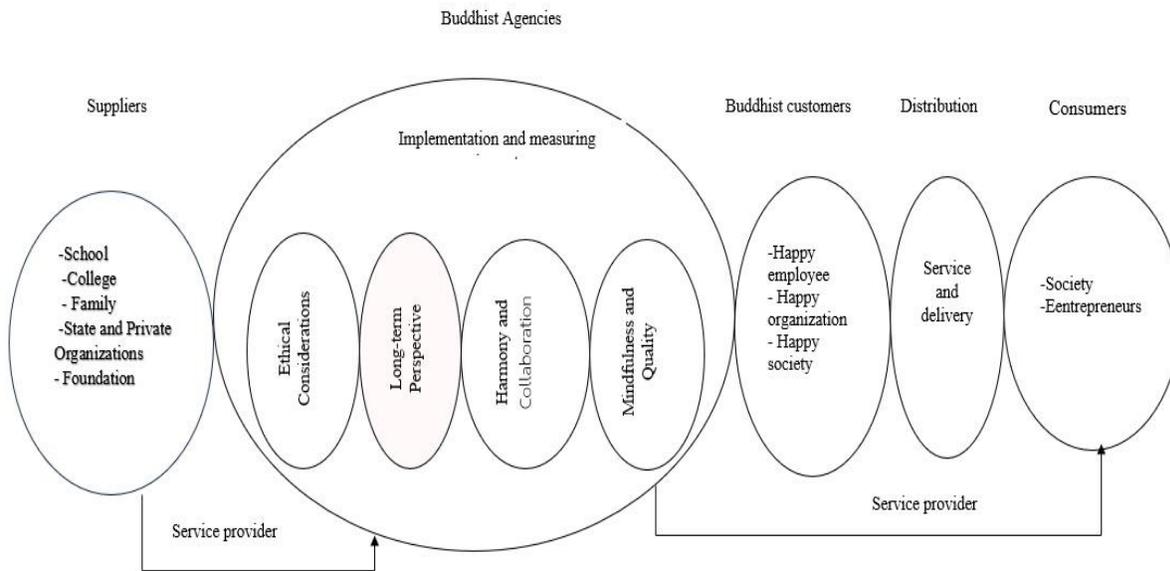


Figure 3 The development of Buddhist principles model in Thai supply chain (Habib & Jungthirapanich, 2008; Habib & Jungthirapanich, 2010 ; Chansamut & Piriyastrawong, 2014;

From figure 3, It is found that the development of Buddhist principles model in Thai supply chain. Starting from Suppliers refer to suppliers of the student (High school/college), suppliers of the faculty (Other universities), Suppliers of Family (Parents, siblings), Suppliers of government and private organizations, Suppliers of foundation, Suppliers of partnership that supply raw materials to the Buddhist Agencies. Raw materials in case are students, staff or general public. Chansamut, 2021; Chansamut, 2023a ; Attiyaporn, Chatwattana & Pallop, 2019)

After that, There will be a move into Buddhist Agency that is responsible the manufacturer that teaches Buddhist principles to the general public. So, that they can implementation and measuring impact themselves. Here's a breakdown of key aspects 1) Ethical Considerations refer to Buddhism emphasizes ethical conduct, mindfulness, and compassion. These principles can be applied to foster fair labor practices, environmental sustainability, and ethical sourcing throughout the supply chain. 2) Long-term Perspective refer to The Buddhist concept "Anicca" (impermanence) can encourage businesses to prioritize long-term sustainability and resilience over short-term gains. 3) Harmony and Collaboration refer to The emphasis on interconnectedness and interdependence in Buddhism can promote harmonious relationships between suppliers, manufacturers, and customers and 4) Mindfulness and Quality refer to Mindfulness practices can enhance focus and reduce errors in production and logistics, leading to improved quality and efficiency. It relies on support activities that help the main activities to run smoothly. Support activities consist of each activity, namely organizations infrastructure, human resources management, development and procurement. The details of all the important points are the buddhist customers that It mean happy employees, happy organization and happy society from service and delivery in supply chain management that transmit the teachings of Buddhism to the general public. Finally, the end Buddhist principles will add value for customers with supply chain. (Habib & Jungthirapanich, 2008; Habib & Jungthirapanich, 2010; Chansamut & Piriyasurawong, 2014; Chansamut, 2021; Chansamut, 2023b; Banerjee, 2025)

4.2 Results on an assessment about development of Buddhist principles model in Thai supply chain by ten experts group in supply chain and Buddhist studies are shown in Tables 1 – 8 below:

Table 1: The suitability of main components about the model

No.	Main Components	\bar{X}	S.D.	Level of suitability
1	Suppliers	3.60	0.48	High
2	Service provider	3.70	0.45	High
3	Buddhist Agencies	3.70	1.00	High
4	Buddhist Customers	3.60	1.20	High
5	Distribution	3.70	0.45	High
6	Consumers	3.90	0.70	High
	Summary	3.70	0.71	High

From table 1, it can be seen that the overall rating mean for model is at the highly appropriate level ($X = 3.70$, S.D. = 0.71) When the appropriateness of specific main components is considered, all six main components receive rating means at the highly appropriate level, namely, the suppliers is rated to be appropriate at the high level ($X = 3.60$, S.D. = 0.48) Service provider is rated to be appropriate at the high level ($X = 3.70$, S.D. = 0.45) Buddhist Agencies is rated to be appropriate at the high level ($X = 3.70$, S.D. = 1.00) Buddhist Customers is rated to be appropriate at the high level ($X = 3.60$, S.D. = 1.20) Distribution is rated to be appropriate at the high level ($X = 3.70$, S.D. = 0.45) and Consumers is rated to be appropriate at the high level ($X = 3.90$, S.D. = 0.70)

Table 2: The suitability of Suppliers

No.	Suppliers Components	\bar{X}	S.D.	Level of suitability
1	School	3.80	0.74	High
2	College	3.80	0.60	High
3	Family	3.80	0.87	High
4	State and Private Organizations	3.70	1.10	High
5	Foundation	3.70	0.45	High
6	Partnership	3.80	0.60	High
	Summary	3.76	0.72	High

From the table 2. it can be seen that the overall rating mean for suppliers was high level. ($\bar{X} = 3.76$, S.D. = 0.72) When the appropriateness of the suppliers component receive rating means at the highly appropriate level, namely School is rated to be appropriate at the high level ($X = 3.80$, S.D. = 0.74), College is rated to be appropriate at the high level ($X = 3.80$, S.D. = 0.60) Family is rated to be appropriate at the high level ($X = 3.80$, S.D. = 0.87), State and Private Organizations is rated to be appropriate at the high level ($X = 3.70$, S.D. = 1.10), Foundation is rated to be appropriate at the high level ($X = 3.70$, S.D. = 0.45) and Partnership is rated to be appropriate at the high level ($X = 3.80$, S.D. = 0.60)

Table 3: The suitability of Service provider

No.	Service provider Components	\bar{X}	S.D.	Level of suitability
1	Service provider	3.80	0.74	High
	Summary	3.80	0.74	High

From the table 3. it can be seen that service provider about service provider components is rated to be appropriate at the high level. ($\bar{X} = 3.80$, S.D. = 0.74)

Table 4: The suitability of Buddhist Agencies

No.	Buddhist Agencies Components	\bar{X}	S.D.	Level of suitability
1	Ethical Considerations	3.80	0.40	High
2	Long-term Perspective	3.90	0.30	High
3	Harmony and Collaboration	3.80	0.60	High
4	Mindfulness and Quality	3.70	0.45	High
	Summary	3.80	0.43	High

From the table 4. it can be seen that the overall rating mean for Buddhist agencies components is at the highly appropriate level. ($\bar{X} = 3.80$, S.D. = 0.43) When the appropriateness of specific sub-component is considered, all four sub-components of Ethical Considerations is rated to be appropriate at the high level ($\bar{X} = 3.80$, S.D. = 0.40) the Long-term Perspective is rated to be appropriate at the high level ($X = 3.80$, S.D. = 0.60), and Mindfulness and Quality is rated to be appropriate at the high level ($X = 3.70$, S.D. = 0.43)

Table 5: The suitability of Buddhist Customers

No.	Buddhist Customers Components	\bar{X}	S.D.	Level of suitability
1	Happy employees	3.80	0.87	High
2	Happy organization	3.80	1.07	High
3	Happy society	3.80	0.40	High
	Summary	3.80	0.78	High

From the table 5. it can be seen that Shows that that the overall rating mean for Buddhist customers was high level ($\bar{X} = 3.80$, S.D. = 0.78). When the appropriateness of specific sub-component is considered, all three sub-components of Buddhist customers receive rating means at the highly appropriate level, namely, Happy employees is rated to be appropriate at the high level ($X = 3.80$, S.D. = 0.87), Happy organization is rated to be appropriate at the high level ($X = 3.80$, S.D. = 1.07), Happy society is rated to be appropriate at the high level ($X = 3.80$, S.D. = 0.40)

Table 6: The suitability of Distribution

No.	Distribution Components	\bar{X}	S.D.	Level of suitability
1	Service and Delivery	3.80	0.47	High
	Summary	3.80	0.47	High

Based on the table 6, it can be seen that the sub-component in terms of Buddhist Customers was high level. ($\bar{X} = 3.80$, S.D. = 0.78)

Table 7: The suitability of Consumers

No.	Consumers Components	\bar{X}	S.D.	Level of suitability
1	Society	3.80	0.47	High
2	Eentpreneurs	3.90	0.83	High
	Summary	3.80	0.47	High

Based on the table 7. it can be seen that the sub-component in terms of consumers was high level. ($\bar{X} = 3.80$, S.D. = 0.47). When the appropriateness of specific sub-component is considered, all two sub-components of consumers receive rating means at the highly appropriate level, namely, Society is rated to be appropriate at the high level ($X = 3.80$, S.D. = 0.47) and entrepreneurs is rated to be appropriate at the high level ($X = 3.90$, S.D. = 0.83)

Table 8: Evaluation result for development of Buddhist principles model in Thai supply chain, as shown below:

No.	List of Evaluated Items	\bar{X}	S.D.	Level of suitability
1	Suitability of the main components	3.70	3.71	High
2	Suitability of sub-components of the suppliers components	3.76	0.72	High
3	Suitability of sub-components of the service provider component	3.80	0.74	High
4	Suitability of sub-components of the Buddhist Agencies component	3.80	0.43	High

Table 8: (Continued)

5	Suitability of sub-components of the Buddhist customers component	3.80	0.78	High
6	Suitability of sub-components of the distribution component	3.80	0.74	High
7	Suitability of sub-components of the consumers component	3.85	0.78	High
	Summary	3.78	1.12	High

Based on the table 8, It can come to a conclusion that development of Buddhist principles model in Thai supply chain is highly appropriate, with the total rating mean of 3.78 and standard deviation of 1.12. Also, its main components, sub components of the suppliers component, sub-components of the service provider component, sub-component of the Buddhist agencies component of the Buddhist customers component, sub-components of the distribution component and sub-components of the consumers component are highly appropriate, with rating means of 3.70, 3.76, 3.80 and 3.85 equivalently.

The researcher presents the according to the discussion is found that the development of Buddhist principles model in Thai supply chain is considered to be high and design was according to the review of documents and relevant literature from both within and outside the country and the efficiency evaluation model was corresponds to the research about supply chains in higher education that support in higher education the tasks. (Chansamut, 2021; Chansamut, 2023b; Habib & Jungthirapanich, 2008; Habib & Jungthirapanich, 2010; Chansamut & Piriyasurawong, 2014)

5 Conclusions

The development of Buddhist principles model in Thai supply chain comprises five main components, namely Sub-components, Suppliers, Buddhist Agencies, Buddhist Customers, Distribution, Service provider and consumer. The data analyzed by using arithmetic mean and standard deviation. The Model assessment system using Back-Box testing. The overall evaluation result model, shows the overall rating mean of 3.78 and standard deviation of 1.12. Suggesting that the development of Buddhist principles model in Thai supply chain may guide for improving efficiency, sustainability and balance in Thai business management and operations, including in the supply chain.

Recommendations about the development of Buddhist principles model in Thai supply chain is considered highly appropriated. If possible, it should be implemented about Buddhist principles model in Thai supply chain for the developed model

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