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SALES FORCE CAPABILITIES AND CUSTOMER PURCHASE DECISIONS IN INDIA'S B2B INDUSTRIAL MACHINERY MARKET: A CONTENT ANALYSIS

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ABSTRACT

Industrial machinery markets are characterised by high-value transactions, extended purchase cycles, multiple organisational stakeholders, and substantial post-purchase service requirements, making sales personnel a critical interface between suppliers and customers (Webster & Wind, 1972; Johnston & Lewin, 1996). In such environments, customer purchase decisions are increasingly influenced by sales force capabilities beyond traditional factors such as price and product specifications. Despite extensive research in business-to-business (B2B) marketing, limited studies have examined sales force capabilities within India's industrial machinery market from the perspective of industrial buying decision-makers.

This paper employs a content analysis approach to synthesise existing literature and develop an integrated understanding of how sales force capabilities influence customer purchase decisions. Peer-reviewed studies published between 2010 and 2026 were analysed and grouped into ten capability dimensions: technical expertise, product knowledge, consultative selling ability, communication competence, responsiveness, problem-solving ability, relationship-building capability, ethical behaviour, digital selling capability, and after-sales coordination.

The findings suggest that industrial customers increasingly evaluate sales personnel based on their ability to create value throughout the purchasing journey rather than merely promote products. Technical expertise, consultative selling, responsiveness, and after-sales support emerged as critical determinants of customer trust, perceived value, and risk reduction, which subsequently influence purchase decisions (Doney & Cannon, 1997; Ulaga & Eggert, 2006). The study proposes an Industrial Sales Force Capability (ISFC) framework that integrates these relationships and provides an India-specific perspective for industrial machinery markets. The findings offer practical guidance for

manufacturers seeking to strengthen customer relationships and improve sales effectiveness.

KEYWORDS: B2B; Sales Force Capabilities; Industrial Machinery; Customer Purchase Decisions; Industrial Buying Behaviour, India.

INTRODUCTION AND BACKGROUND

Business-to-business (B2B) markets have undergone substantial transformation over the past three decades, shifting from transaction-oriented exchanges towards relationship-driven value creation processes (Grönroos, 1994; Morgan & Hunt, 1994). Unlike consumer markets, industrial purchasing decisions are characterised by high financial commitments, complex technical evaluations, multiple organisational stakeholders, and long-term operational implications (Webster & Wind, 1972; Johnston & Lewin, 1996). In such environments, customers no longer evaluate suppliers solely based on product specifications and price competitiveness; instead, they increasingly assess the capabilities of sales professionals who facilitate the buying process (Rackham, 1988; Dwyer, Schurr, & Oh, 1987).

India's industrial machinery market represents a strategically important segment of the country's manufacturing ecosystem. The expansion of infrastructure development, industrial automation, and initiatives such as “Make in India” have accelerated investments in industrial machinery, engineering goods, construction equipment, diesel generators, material handling systems, and capital equipment (Government of India, 2020). As industrial investments increase, organisations demand suppliers who can provide customised solutions, minimise operational risks, and support long-term productivity objectives.

Consequently, the role of sales personnel has evolved from product sellers to strategic advisors who are expected to understand customers' operational requirements and contribute to business performance (Anderson, Narus, & Van Rossum, 2006; Ulaga & Eggert, 2006).

Industrial buying decisions are inherently complex because they involve multiple stakeholders with varying responsibilities and expectations. According to Webster and Wind (1972), organisational buying behaviour is influenced by interactions among purchasing agents, technical experts, production managers, and senior executives. Subsequent studies further indicate that procurement heads, plant managers, maintenance managers, operations managers, and project managers collectively evaluate suppliers based on technical reliability, supplier credibility, service responsiveness, and long-term support capabilities (Johnston & Lewin, 1996; Sheth, 1973). Therefore, industrial sales professionals must possess competencies that extend beyond traditional selling techniques.

The increasing complexity of industrial purchasing has amplified the importance of sales force

capabilities in influencing customer decisions. Sales force capability refers to the collective ability of sales professionals to create value through technical expertise, product knowledge, consultative selling, communication competence, responsiveness, problem-solving ability, ethical conduct, digital engagement, and after-sales support (Rackham, 1988; Ingram et al., 2019). Such capabilities enable sales personnel to reduce customer uncertainty, build trust, and facilitate informed decision-making throughout the purchasing journey (Doney & Cannon, 1997; Palmatier, Dant, Grewal, & Evans, 2006). Recent developments in industrial marketing suggest that customers increasingly prefer consultative and solution-oriented selling approaches over transactional selling methods (Dixon & Adamson, 2011). Customers expect sales professionals to understand their production processes, identify operational bottlenecks, and recommend solutions that enhance productivity and efficiency. This transition is particularly relevant in industrial machinery markets because purchasing decisions often involve significant capital expenditure and long asset life cycles (Anderson et al., 2006; Ulaga & Eggert, 2006). Consequently, customers place greater emphasis on supplier expertise and relationship quality when selecting machinery suppliers.

Relationship marketing theory provides an important foundation for understanding this phenomenon. Morgan and Hunt (1994) argue that trust and commitment are the central drivers of successful inter-organisational relationships. Similarly, Grönroos (1994) emphasises that long-term customer relationships are developed through continuous value creation rather than isolated transactions. In industrial machinery markets, trust is established when sales personnel demonstrate technical competence, ethical behaviour, and responsiveness to customer needs (Doney & Cannon, 1997). These attributes significantly influence customer confidence and reduce perceived risks associated with high-value investments.

Despite substantial advancements in B2B marketing literature, three important research gaps remain evident. First, existing studies predominantly focus on sales performance from the supplier's perspective rather than from the viewpoint of industrial customers (Ingram et al., 2019). Second, limited studies specifically address India's industrial machinery market, despite its growing economic significance (Government of India, 2020). Third, extant literature examines individual sales competencies in isolation, with limited efforts to integrate these capabilities into a comprehensive framework that explains customer purchase decisions (Ulaga & Eggert, 2006; Palmatier et al., 2006). Furthermore, digital transformation has altered customer expectations in industrial markets. Industrial customers increasingly rely on digital communication, virtual demonstrations, and data-driven decision support during supplier evaluation processes (Ancillai, Terho, Cardinali, & Pascucci, 2019). Consequently, sales personnel are expected to combine traditional relationship-building skills with digital engagement capabilities. This emerging requirement has further expanded the scope of sales force competencies necessary for influencing purchase decisions in contemporary industrial markets.

To address these gaps, this study adopts a content analysis approach to synthesise extant literature and develop an integrated understanding of how sales force capabilities influence customer purchase decisions in India's B2B industrial machinery market. The study specifically focuses on the perspective of industrial buying decision-makers, including procurement heads, plant managers, operations managers, maintenance managers, project managers, and manufacturing executives. By consolidating dispersed knowledge from B2B marketing, relationship marketing, industrial buying behaviour, and consultative selling literature, this paper proposes an Industrial Sales Force Capability (ISFC) framework that links sales force capabilities with customer trust, perceived value, risk reduction, and purchase decisions.

The study makes three contributions to the literature. First, it develops an India-specific perspective on industrial sales force capabilities. Second, it integrates multiple sales competencies into a unified conceptual framework. Third, it provides practical insights for industrial machinery manufacturers seeking to strengthen customer relationships and improve sales effectiveness. The proposed framework may also serve as a foundation for future empirical research that examines the relationships among sales force capabilities, customer trust, and purchase outcomes in industrial markets.

LITERATURE REVIEW

Evolution of B2B Industrial Selling

Business-to-business (B2B) industrial selling has evolved considerably from transactional exchanges to relationship-oriented value creation. Traditional industrial selling primarily focused on product specifications, pricing, and contract execution. However, increasing market competition, technological advancements, and changing customer expectations have transformed the role of sales professionals from product sellers to strategic advisors (Grönroos, 1994; Morgan & Hunt, 1994). Industrial customers increasingly expect suppliers to understand their operational challenges and contribute to productivity improvement and long-term business performance (Anderson, Narus, & Van Rossum, 2006).

The shift towards relationship marketing has further redefined industrial selling practices. According to Morgan and Hunt (1994), trust and commitment are the two central determinants of successful inter-organisational relationships. Similarly, Grönroos (1994) emphasised that value is created through continuous customer interactions rather than isolated transactions. Consequently, industrial sales professionals are expected to provide consultative support, technical guidance, and value-added services throughout the purchasing journey (Rackham, 1988; Ulaga & Eggert, 2006).

This transformation is particularly relevant in industrial machinery markets, where purchases involve substantial capital investment, extended equipment life cycles, and considerable operational risks.

Under such conditions, customers increasingly evaluate suppliers based on the capabilities of their sales force rather than solely on product attributes and price competitiveness (Johnston & Lewin, 1996; Hutt & Speh, 2021).

Industrial Buying Behaviour in Industrial Machinery Markets

Industrial buying behaviour differs substantially from consumer buying behaviour because organisational purchasing decisions involve multiple stakeholders, technical evaluations, and long decision-making cycles (Webster & Wind, 1972). Industrial machinery purchases often require the participation of procurement teams, plant managers, maintenance managers, operations managers, project managers, and senior executives, each possessing distinct evaluation criteria and organisational priorities (Sheth, 1973; Johnston & Lewin, 1996).

Industrial customers evaluate suppliers based on several factors, including technical compatibility, operational reliability, total cost of ownership, service responsiveness, supplier credibility, and risk reduction capability (Anderson et al., 2006; Ulaga & Eggert, 2006). Given the substantial financial and operational implications associated with machinery investments, customers seek suppliers who can minimise uncertainty and support long-term operational performance (Doney & Cannon, 1997). Furthermore, industrial purchasing has become increasingly collaborative and information-driven. Customers prefer suppliers who can understand their production processes, diagnose operational bottlenecks, and propose customised solutions rather than merely offering standardised products (Sheth, Sharma, & Iyer, 2009). Consequently, sales force capabilities have emerged as an important determinant of customer purchase decisions in industrial markets.

Sales Force Capabilities and Customer Value Creation

Sales force capability refers to the collective competencies that enable sales professionals to create value for customers throughout the purchasing lifecycle (Ingram et al., 2019). Contemporary industrial customers expect sales personnel to function as technical advisors, consultants, and relationship managers who can facilitate informed decision-making and support long-term organisational objectives (Rackham, 1988; Anderson et al., 2006).

The present study synthesises ten recurring capability dimensions from extant literature, namely technical expertise, product knowledge, consultative selling, communication competence, responsiveness, problem-solving ability, relationship-building capability, ethical behaviour, digital selling capability, and after-sales coordination. These capabilities collectively influence customer trust, perceived value, and purchase outcomes (Palmatier, Dant, Grewal, & Evans, 2006; Ulaga & Eggert, 2006).

Among these dimensions, technical expertise and consultative selling have received considerable scholarly attention because industrial customers increasingly seek solution-oriented interactions rather than transactional exchanges (Terho, Haas, Eggert, & Ulaga, 2012). Likewise, responsiveness and after-sales support contribute significantly to customer confidence and relationship continuity (Parasuraman, Zeithaml, & Berry, 1988; Anderson et al., 2006). Ethical behaviour and relationship-building capability further strengthen the customer trust and facilitate long-term collaboration (Doney & Cannon, 1997; Morgan & Hunt, 1994).

Recent studies also highlight the growing importance of digital selling capabilities. Industrial customers increasingly utilise virtual demonstrations, digital communication platforms, and data-driven information during supplier evaluation processes, requiring sales professionals to integrate traditional relationship-building skills with digital engagement competencies (Agnihotri et al., 2016; Ancillai, Terho, Cardinali, & Pascucci, 2019).

Overall, sales force capabilities have evolved from transactional competencies to strategic value-creation capabilities that influence customer perceptions and purchase decisions throughout the industrial buying process.

Table 1. Sales Force Capability Dimensions Synthesised from Literature

Capability	Description	Representative Literature
Technical Expertise	Understanding machinery and operations	Anderson et al. (2006); Ingram et al. (2019)
Product Knowledge	Knowledge of features and applications	Rackham (1988); Homburg et al. (2011)
Consultative Selling	Diagnosing customer needs and offering solutions	Rackham (1988); Terho et al. (2012)
Communication Competence	Clear exchange of information	Palmatier et al. (2006)
Responsiveness	Timely support and action	Parasuraman et al. (1988)
Problem-Solving Ability	Addressing operational issues	Anderson et al. (2006)
Relationship Building	Developing trust and commitment	Morgan & Hunt (1994)
Ethical Behaviour	Transparency and integrity	Doney & Cannon (1997)
Digital Selling Capability	Using digital tools for engagement	Agnihotri et al. (2016)

Capability	Description	Representative Literature
After-Sales Coordination	Supporting installation and service	Ulaga & Eggert (2006)

Digital Transformation in Industrial Selling

Digital transformation has significantly altered industrial selling practices and customer expectations. The adoption of Industry 4.0 technologies, digital communication tools, and data analytics has increased customer access to information and changed the nature of supplier interactions (Frank, Dalenogare, & Ayala, 2019). Consequently, industrial customers expect faster responses, virtual product demonstrations, and digitally enabled support mechanisms during the supplier evaluation process (Ancillai et al., 2019).

Digital selling capability has therefore emerged as a complementary competency rather than a substitute for traditional relationship-building practices. Agnihotri et al. (2016) observed that digital tools enhance customer engagement and facilitate information exchange, while Itani, Agnihotri, and Dingus (2017) emphasised the role of digital technologies in improving sales effectiveness. Industrial sales professionals are increasingly required to combine technical expertise with digital communication capabilities to meet evolving customer expectations.

Research Gap Analysis

The review of extant literature reveals four important research gaps. First, existing studies predominantly examine sales effectiveness from the supplier's perspective, with limited emphasis on industrial buying decision-makers (Ingram et al., 2019). Second, despite India's growing significance as a manufacturing and industrial hub, limited research has specifically examined sales force capabilities within the country's industrial machinery market (Government of India, 2020). Third, previous studies largely investigate individual sales competencies in isolation rather than adopting an integrated perspective that explains customer purchase decisions (Ulaga & Eggert, 2006). Finally, there is an absence of a comprehensive framework that links sales force capabilities, customer trust, perceived value, risk reduction, and purchase decisions in the Indian B2B industrial machinery context.

Therefore, this study addresses these gaps by employing a content analysis approach to develop an Industrial Sales Force Capability (ISFC) framework that provides an integrated and customer-centric understanding of purchase decision-making in India's B2B industrial machinery market.

RESEARCH DESIGN AND METHODOLOGY

Research Design

This study adopts a qualitative research design using a content analysis approach to examine how sales force capabilities influence customer purchase decisions in India's B2B industrial machinery market. Content analysis is a systematic and objective technique that enables researchers to synthesise and interpret patterns, themes, and relationships embedded within existing literature (Krippendorff, 2018; Neuendorf, 2017). The approach is particularly appropriate for consolidating fragmented knowledge across disciplines and developing integrated conceptual frameworks (Mayring, 2014).

Unlike empirical studies that rely on primary data collection, content analysis allows for the systematic examination of published scholarly work to identify recurring concepts and theoretical relationships (Elo & Kyngäs, 2008). Given the dispersed nature of research on sales force capabilities, industrial buying behaviour, and customer purchase decisions, this approach provides an appropriate methodological foundation for synthesising existing knowledge and developing an integrated understanding of the phenomenon.

The study specifically focuses on India's B2B industrial machinery market because of its growing strategic importance within the manufacturing and industrial sectors. Industrial machinery purchases are characterised by high-value transactions, multiple organisational stakeholders, and substantial operational risks, making sales force capabilities particularly relevant in influencing customer purchase decisions (Webster & Wind, 1972; Anderson, Narus, & Van Rossum, 2006).

Data Sources and Search Strategy

A structured literature search was conducted using internationally recognised academic databases to ensure comprehensive coverage of relevant studies. The databases selected for this study were Scopus, Web of Science, ScienceDirect, Emerald Insight, and SpringerLink, as these repositories contain extensive peer-reviewed literature related to B2B marketing, industrial selling, and organisational buying behaviour (Snyder, 2019).

The literature search covered studies published between 2010 and 2026 to capture contemporary developments in industrial selling, digital transformation, and customer-centric marketing practices.

The following keywords and keyword combinations were used:

- Sales force capability
- B2B sales capability
- Industrial selling
- Industrial machinery marketing
- Industrial buying behaviour
- Customer purchase decision
- Consultative selling
- Relationship marketing

- Digital selling
- Industrial customer value

Boolean operators such as AND and OR were employed to refine search results and improve relevance (Snyder, 2019).

Inclusion and Exclusion Criteria

To ensure methodological consistency and relevance, predefined inclusion and exclusion criteria were applied.

Inclusion Criteria

- Peer-reviewed journal articles.
- Articles published in English.
- Studies related to B2B marketing and industrial selling.
- Studies examining sales force capabilities.
- Studies focusing on organisational buying behaviour.
- Studies addressing customer value creation and purchase decisions.

Exclusion Criteria

- Consumer marketing studies.
- Retail marketing studies.
- Conference abstracts and editorials.
- Duplicate publications.
- Studies lacking clear methodological descriptions.

The screening process enabled the selection of literature directly relevant to the research objectives while eliminating studies that were outside the scope of industrial B2B markets (Tranfield, Denyer, & Smart, 2003).

Content Analysis Procedure

The selected studies were systematically analysed using a three-stage content analysis procedure adapted from Mayring (2014) and Elo and Kyngäs (2008).

Stage 1: Open Coding

Relevant concepts, keywords, and recurring themes associated with sales force capabilities were identified from the selected studies. Particular attention was given to customer-centric dimensions influencing purchase decisions.

Stage 2: Categorisation

Similar concepts were grouped into broader categories to identify recurring capability dimensions. This process resulted in ten synthesised sales force capability dimensions:

1. Technical Expertise
2. Product Knowledge
3. Consultative Selling
4. Communication Competence
5. Responsiveness
6. Problem-Solving Ability
7. Relationship-Building Capability
8. Ethical Behaviour
9. Digital Selling Capability
10. After-Sales Coordination

Stage 3: Concept Development

The identified capability dimensions were subsequently linked with customer trust, perceived value, risk reduction, and purchase decisions to develop an integrated Industrial Sales Force Capability (ISFC) framework.

This iterative process enabled the consolidation of fragmented literature into a coherent customer-centric model that explains how sales force capabilities influence industrial buying decisions.

Analytical Framework

The analysis was guided by three complementary theoretical perspectives.

Commitment-Trust Theory (Morgan & Hunt, 1994) provided the foundation for understanding how trust and long-term relationships influence customer decisions.

Organisational Buying Behaviour Theory (Webster & Wind, 1972) explained the role of multiple stakeholders in industrial purchasing decisions.

Value-Based Selling Theory (Ulaga & Eggert, 2006) provided a basis for understanding how sales personnel create value beyond product offerings.

These theoretical perspectives collectively informed the development of the Industrial Sales Force Capability (ISFC) framework.

The analytical process examined the pathways through which sales force capabilities influence customer trust, enhance perceived value, reduce purchase-related risks, and ultimately shape customer purchase decisions in India's B2B industrial machinery market.

Conceptual Framework: Industrial Sales Force Capability (ISFC) Framework

For the purpose of this study, the proposed Industrial Sales Force Capability (ISFC) Framework refers to an integrated customer-centric pathway that explains how sales force capabilities influence customer trust, perceived value, risk reduction, purchase decisions, and long-term relationship outcomes in India's B2B industrial machinery market.

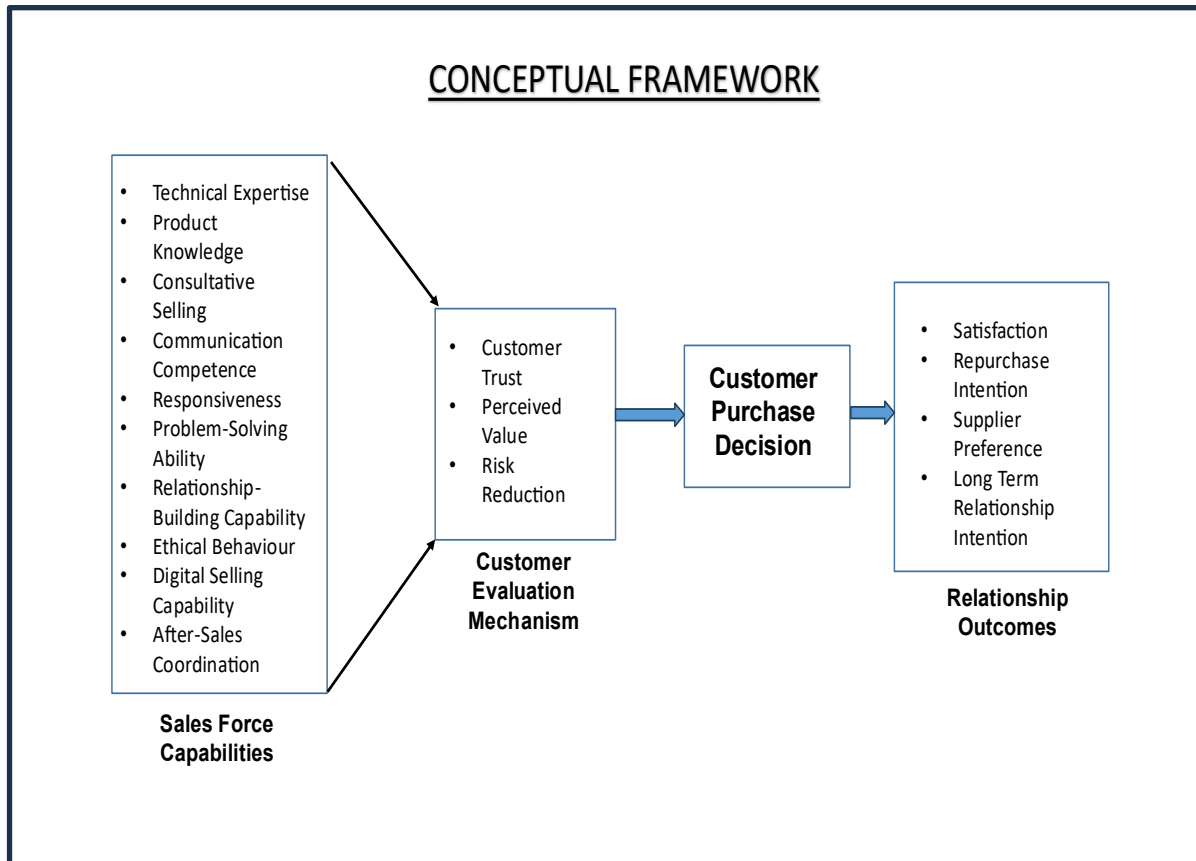


Figure 1. Conceptual Framework of IFSC

Development of the ISFC Framework

Drawing upon Commitment-Trust Theory (Morgan & Hunt, 1994), Organisational Buying Behaviour Theory (Webster & Wind, 1972), and Value-Based Selling Theory (Ulaga & Eggert, 2006), this study proposes the Industrial

Sales Force Capability (ISFC) Framework to explain how sales force capabilities influence customer purchase decisions in India's B2B industrial machinery market.

The framework adopts a customer-centric perspective and conceptualises sales force capabilities as strategic resources that shape customer evaluations and subsequent purchase outcomes. Rather than treating sales competencies as isolated attributes, the framework integrates them into a value creation process that ultimately influences organisational buying decisions.

The framework consists of four interrelated layers: sales force capabilities, customer evaluation mechanisms, purchase decisions, and relationship outcomes.

Layer I: Sales Force Capabilities

The first layer comprises ten synthesised capability dimensions derived from the content analysis.

1. Technical Expertise
2. Product Knowledge
3. Consultative Selling
4. Communication Competence
5. Responsiveness
6. Problem-Solving Ability
7. Relationship-Building Capability
8. Ethical Behaviour
9. Digital Selling Capability
10. After-Sales Coordination

These capabilities collectively enable sales professionals to create value throughout the purchasing process and facilitate customer decision-making (Ingram et al., 2019; Rackham, 1988).

Layer II: Customer Evaluation Mechanisms

Industrial customers evaluate suppliers through three interrelated mechanisms.

Customer Trust

Trust reflects customers' confidence in the supplier's reliability, competence, and integrity (Morgan & Hunt, 1994; Doney & Cannon, 1997).

Perceived Value

Perceived value refers to customers' assessment of the benefits obtained relative to the costs incurred (Ulaga & Eggert, 2006).

Risk Reduction

Risk reduction reflects customers' perception that operational, financial, and performance uncertainties have been minimised (Anderson et al., 2006).

These mechanisms act as mediating pathways through which sales force capabilities influence purchase decisions.

Layer III: Customer Purchase Decision

Customer purchase decisions represent the immediate behavioural outcome of the evaluation process. Industrial buying decisions are influenced not only by technical and economic considerations but also by supplier credibility, responsiveness, and relationship quality (Webster & Wind, 1972; Johnston & Lewin, 1996).

Customers are therefore more likely to select suppliers whose sales professionals demonstrate strong value-creation capabilities

Layer IV: Relationship Outcomes

The final layer captures long-term relationship outcomes that extend beyond the initial purchase. These outcomes include:

- Customer satisfaction
- Repurchase intention
- Supplier preference
- Long-term relationship intention

Relationship continuity is particularly important in industrial machinery markets because customers often require ongoing service, maintenance, spare parts support, and technical assistance throughout the equipment lifecycle (Palmatier et al., 2006; Anderson et al., 2006).

Proposition Statements

Based on the elaborate content analysis with vast source of research papers, propositions of this Research paper are,

P1: Sales force capabilities positively influence customer trust.

P2: Sales force capabilities positively influence perceived value.

P3: Sales force capabilities contribute to risk reduction.

P4: Customer trust positively influences customer purchase decisions.

P5: Perceived value positively influences customer purchase decisions.

P6: Risk reduction positively influences customer purchase decisions.

P7: Customer purchase decisions positively influence long-term relationship outcomes.

Content Analysis Findings and Synthesis

Technical Expertise Emerged as the Foundational Sales Capability

The content analysis revealed that technical expertise consistently emerged as the most influential sales force capability in industrial machinery markets. Unlike consumer markets, industrial machinery purchases involve substantial capital expenditure, operational dependencies, and long equipment life cycles, requiring customers to evaluate suppliers based on their ability to provide technically sound recommendations (Anderson, Narus, & Van Rossum, 2006; Johnston & Lewin, 1996). Industrial buying decision-makers frequently depend on sales personnel to interpret technical specifications, assess machine compatibility, and explain operational implications before committing to high-value investments.

The literature further suggests that technical competence serves as an important credibility signal

during supplier evaluation processes (Ingram et al., 2019). Customers perceive technically proficient sales professionals as trustworthy advisors who can reduce information asymmetry and facilitate informed decision-making (Doney & Cannon, 1997). Therefore, technical expertise functions not merely as a product-related competency but as a strategic capability that directly influences customer confidence and purchase outcomes.

Consultative Selling is Replacing Transactional Selling

A second dominant finding concerns the shift from transactional selling towards consultative and solution-oriented selling approaches. Traditional industrial selling emphasised product promotion and price negotiation; however, contemporary industrial customers increasingly expect suppliers to diagnose operational challenges and propose customised solutions (Rackham, 1988; Dixon & Adamson, 2011).

The reviewed literature indicates that consultative selling creates value by aligning machinery solutions with customer productivity goals and business requirements (Terho, Haas, Eggert, & Ulaga, 2012). This approach is particularly important in industrial machinery markets where customers seek improvements in efficiency, reliability, and process optimisation rather than standalone products (Ulaga & Eggert, 2006).

The findings therefore suggest that sales professionals are increasingly evaluated based on their ability to act as strategic advisors rather than product vendors. Organisations that encourage consultative selling are more likely to strengthen customer relationships and improve sales effectiveness (Anderson et al., 2006).

Responsiveness and Communication Competence Strengthen Customer Trust

The analysis revealed that responsiveness and communication competence play a significant role in building customer trust. Industrial customers frequently operate within time-sensitive environments where delays in information sharing can adversely affect project schedules and operational performance (Parasuraman, Zeithaml, & Berry, 1988).

Timely responses, accurate information, and proactive communication reduce uncertainty and improve customer confidence in supplier reliability (Palmatier, Dant, Grewal, & Evans, 2006). Effective communication also facilitates knowledge transfer among multiple organisational stakeholders participating in industrial buying decisions (Webster & Wind, 1972).

Furthermore, responsiveness was consistently associated with enhanced relationship quality because customers perceive responsive suppliers as committed partners rather than transactional entities

(Morgan & Hunt, 1994). Consequently, responsiveness and communication competence jointly contribute to trust formation and customer satisfaction.

Ethical Behaviour Reduces Perceived Risk and Enhances Supplier Credibility

Ethical behaviour emerged as a critical determinant of supplier credibility in industrial machinery markets. High-value investments inherently expose customers to financial, operational, and reputational risks, increasing the importance of transparency and integrity during supplier interactions (Doney & Cannon, 1997).

The reviewed literature indicates that customers are more likely to trust sales professionals who provide accurate information, realistic performance expectations, and transparent communication regarding machinery capabilities and limitations (Román & Ruiz, 2005). Ethical behaviour therefore reduces information asymmetry and strengthens customer confidence in supplier relationships.

Moreover, ethical conduct contributes to long-term relationship development by fostering trust and commitment between customers and suppliers (Morgan & Hunt, 1994). This finding suggests that ethical behaviour should be considered a strategic sales capability rather than merely a compliance requirement.

After-Sales Coordination Sustains Long-Term Relationships

After-sales coordination emerged as one of the strongest determinants of relationship continuity. Unlike many consumer products, industrial machinery requires ongoing support in the form of installation assistance, preventive maintenance, spare parts availability, and technical troubleshooting (Anderson et al., 2006).

Customers often evaluate suppliers not only on the basis of purchase experiences but also on their ability to provide post-purchase support throughout the equipment lifecycle (Ulaga & Eggert, 2006). Effective after-sales coordination reduces downtime, improves operational reliability, and enhances customer satisfaction.

The literature also indicates that after-sales support positively influences repurchase intentions and supplier preference (Palmatier et al., 2006). Therefore, after-sales coordination should be viewed as an extension of the selling process rather than a separate service function.

Digital Selling Capabilities are Becoming Strategic Differentiators

The analysis identified digital selling capability as an emerging strategic differentiator in industrial markets. Rapid digitalisation and the adoption of Industry 4.0 technologies have transformed customer expectations and supplier interactions (Frank, Dalenogare, & Ayala, 2019).

Industrial customers increasingly rely on digital communication channels, virtual demonstrations, online technical documentation, and data-driven insights during supplier evaluation processes (Ancillai, Terho, Cardinali, & Pascucci, 2019).

Consequently, sales professionals are expected to complement traditional relationship-building skills with digital engagement competencies (Agnihotri et al., 2016).

However, the findings suggest that digital capabilities do not replace human interactions. Instead, they enhance communication efficiency and improve customer experiences throughout the purchasing journey (Itani, Agnihotri, & Dingus, 2017). Organisations that successfully integrate digital and interpersonal capabilities are therefore better positioned to strengthen customer relationships and improve sales effectiveness.

Synthesis of Findings

The six findings collectively indicate that sales force capabilities influence customer purchase decisions through a value creation process rather than through isolated sales activities. Industrial customers increasingly assess sales professionals based on their ability to create trust, enhance perceived value, and reduce purchase-related risks.

The findings further suggest that sales force capabilities can be categorised into three broader capability clusters.

Table 2. Synthesised Capability Clusters Emerging from Content Analysis

Capability Cluster	Constituent Dimensions	Primary Customer Outcome
Technical Capabilities	Technical expertise, product knowledge, problem-solving ability	Risk reduction
Relational Capabilities	Consultative selling, communication competence, responsiveness, relationship building, ethical behaviour	Customer trust
Support Capabilities	Digital selling capability, after-sales coordination	Perceived value

These findings provide empirical support for the proposed Industrial Sales Force Capability (ISFC) Framework and demonstrate that customer purchase decisions in India's B2B industrial machinery market are shaped by an integrated set of sales force competencies rather than individual sales attributes.

Theoretical Implications

The present study contributes to B2B marketing literature by extending the understanding of sales force capabilities within India's industrial machinery market. Existing studies have predominantly

examined sales effectiveness from the supplier's perspective and have often focused on individual sales competencies in isolation (Ingram et al., 2019; Homburg, Müller, & Klarmann, 2011). By adopting a customer-centric perspective, this study broadens the theoretical understanding of how multiple sales force capabilities collectively influence organisational purchase decisions.

First, the study contributes to relationship marketing theory by reinforcing the role of trust as a central mechanism through which sales force capabilities influence customer behaviour. Consistent with Morgan and Hunt (1994), the findings suggest that trust is not generated through a single interaction but develops through the combined effects of technical competence, ethical conduct, responsiveness, and relationship-building activities. This perspective extends prior studies by positioning trust as an outcome of integrated sales capabilities rather than solely a relational construct.

Second, the study advances organisational buying behaviour theory by highlighting the multidimensional nature of industrial purchasing decisions. Earlier studies have established that industrial buying centres consist of multiple stakeholders possessing different evaluation criteria (Webster & Wind, 1972; Johnston & Lewin, 1996). The present study demonstrates that sales professionals influence these diverse stakeholders through a combination of technical, relational, and support capabilities. Thus, organisational buying decisions should be viewed as dynamic processes that are shaped by interactions between supplier competencies and customer evaluations.

Third, the study contributes to value-based selling literature by emphasising that value creation extends beyond product performance and economic benefits (Ulaga & Eggert, 2006). The findings indicate that customers increasingly perceive value through consultative interactions, problem-solving ability, and after-sales coordination. Consequently, sales force capabilities should be conceptualised as strategic value-creation resources rather than operational sales activities.

Fourth, this study integrates fragmented literature into a unified Industrial Sales Force Capability (ISFC) Framework. Previous studies have independently examined technical expertise, consultative selling, digital engagement, and relationship management (Rackham, 1988; Terho, Haas, Eggert, & Ulaga, 2012; Ancillai, Terho, Cardinali, & Pascucci, 2019). The present study consolidates these dimensions within a single explanatory pathway linking sales force capabilities with customer trust, perceived value, risk reduction, purchase decisions, and relationship outcomes. This integration provides a more holistic understanding of industrial buying behaviour.

Finally, the study contributes to the emerging body of India-specific B2B marketing research. Although India has become a major manufacturing and industrial hub, limited research has examined customer purchase behaviour in industrial machinery markets (Government of India, 2020). The

present study therefore provides contextual insights that may support future empirical investigations in emerging economies.

Overall, the theoretical contribution of this study lies in demonstrating that sales force capabilities function as interconnected strategic resources that shape organisational purchase decisions through customer evaluation mechanisms rather than through isolated sales activities.

Practical Implications

The findings of this study offer several practical implications for industrial machinery manufacturers, sales leaders, and business organisations operating in India's B2B markets.

First, organisations should redefine the role of sales professionals from product sellers to strategic advisors. Industrial customers increasingly expect suppliers to understand operational requirements and provide solution-oriented recommendations (Anderson, Narus, & Van Rossum, 2006). Therefore, organisations should prioritise consultative selling practices that emphasise productivity enhancement and operational value creation.

Second, companies should strengthen technical competency development through structured training programmes. Technical expertise emerged as a foundational capability influencing customer confidence and purchase decisions. Organisations should therefore invest in continuous technical training covering machinery applications, production processes, and industry-specific operational challenges (Ingram et al., 2019).

Third, sales organisations should adopt a customer-centric engagement model. Industrial buying decisions involve multiple stakeholders with different expectations and priorities (Webster & Wind, 1972). Sales professionals should therefore customise their communication strategies to address the concerns of procurement teams, plant managers, maintenance personnel, and senior executives.

Fourth, organisations should integrate digital and interpersonal selling capabilities. Digital technologies have transformed customer expectations and supplier interactions (Agnihotri et al., 2016; Ancillai et al., 2019). However, digital engagement should complement rather than replace relationship-building activities. Investments in virtual demonstrations, online collaboration tools, and customer relationship management systems can improve customer experiences and decision-making efficiency.

Fifth, organisations should institutionalise after-sales coordination as a strategic business function rather than a separate service activity. Customers frequently evaluate suppliers based on their ability

to provide installation support, preventive maintenance, spare parts availability, and technical troubleshooting (Ulaga & Eggert, 2006). Effective after-sales coordination may therefore strengthen customer satisfaction and increase repurchase intentions.

Sixth, ethical behaviour should be embedded within organisational sales culture. Transparent communication, realistic performance commitments, and accurate information sharing significantly reduce customer uncertainty and enhance supplier credibility (Doney & Cannon, 1997; Román & Ruiz, 2005). Ethical conduct should therefore be incorporated into sales performance evaluation systems.

Finally, the Industrial Sales Force Capability (ISFC) Framework may serve as a managerial assessment tool for organisations seeking to evaluate and improve sales effectiveness. Companies can periodically assess their sales teams across the ten capability dimensions and identify developmental gaps that influence customer perceptions and purchase outcomes.

Overall, the practical implications suggest that industrial sales effectiveness is increasingly determined by an organisation's ability to create customer value throughout the entire purchasing journey rather than by its ability to execute individual sales transactions

LIMITATIONS OF THE STUDY

While the present study offers important insights into the role of sales force capabilities in influencing customer purchase decisions in India's B2B industrial machinery market, several limitations should be acknowledged.

First, this study employs an in-depth content analysis approach and relies exclusively on secondary data obtained from published literature. Although this methodology enables the systematic synthesis of existing knowledge, it does not permit the empirical validation of the relationships proposed in the Industrial Sales Force Capability (ISFC) Framework (Krippendorff, 2018; Mayring, 2014). Consequently, the framework should be viewed as a theoretically derived explanatory model that requires future empirical examination.

Second, the study is contextualised within India's B2B industrial machinery market. While this context provides valuable insights into an important and rapidly growing industrial sector, the findings may not be fully generalisable to other industries or geographical settings. Industrial buying behaviour and customer expectations may vary across countries, sectors, and organisational environments (Webster & Wind, 1972).

Third, the study adopts a customer-centric perspective by focusing on industrial buying decision-makers. Although this perspective addresses an important gap in the literature, it does not simultaneously capture the perceptions of suppliers, sales managers, or sales professionals. Incorporating multiple stakeholder perspectives could provide a more comprehensive understanding of sales effectiveness in industrial markets.

Fourth, the ten sales force capability dimensions synthesised in this study represent recurring themes identified in prior literature. However, additional contextual variables such as organisational culture, competitive intensity, firm size, technological maturity, and industry-specific dynamics may also influence customer purchase decisions (Homburg, Müller, & Klarmann, 2011; Frank, Dalenogare, & Ayala, 2019). These factors were beyond the scope of the present study.

Finally, the study captures a specific period of industrial transformation characterised by increasing digitalisation and Industry 4.0 adoption. As industrial selling practices continue to evolve, new competencies and customer expectations may emerge, requiring periodic refinement of the proposed framework (Ancillai, Terho, Cardinali, & Pascucci, 2019).

Despite these limitations, the present study provides a meaningful synthesis of existing literature and establishes a foundation for future empirical research on sales force capabilities and customer purchase decisions in India's B2B industrial machinery market.

FUTURE RESEARCH DIRECTIONS

The present study proposes an Industrial Sales Force Capability (ISFC) Framework that explains the pathway through which sales force capabilities influence customer trust, perceived value, risk reduction, purchase decisions, and long-term relationship outcomes in India's B2B industrial machinery market. While the framework offers a comprehensive synthesis of existing literature, several opportunities exist for future research.

Empirical Validation of the ISFC Framework

The proposed ISFC Framework is conceptually derived through an in-depth content analysis and therefore requires empirical validation. Future studies may employ quantitative research designs to examine the relationships among sales force capabilities, customer trust, perceived value, risk reduction, customer purchase decisions, and relationship outcomes. Survey-based studies involving industrial buying decision-makers could provide empirical evidence regarding the strength and direction of these relationships (Hair, Black, Babin, & Anderson, 2019).

Researchers may also utilise advanced analytical techniques such as Structural Equation Modelling

(SEM) to test the proposed framework and examine mediating relationships among the constructs (Kline, 2016).

Multi-Stakeholder Perspectives in Industrial Buying Decisions

The present study primarily adopts a customer-centric perspective by focusing on industrial buying decision-makers. However, industrial purchasing decisions are inherently collaborative and involve multiple stakeholders with diverse organisational responsibilities (Webster & Wind, 1972; Johnston & Lewin, 1996).

Future studies may incorporate the perspectives of procurement heads, plant managers, maintenance managers, operations managers, project managers, sales professionals, sales managers, and senior executives. Such multi-stakeholder investigations may provide a more comprehensive understanding of how sales force capabilities influence organisational buying decisions.

Cross-Industry Comparative Research

The present study focuses specifically on India's industrial machinery market. Future studies may extend the framework to other B2B sectors, including engineering goods, construction equipment, industrial automation systems, material handling equipment, and process industries.

Comparative studies across industries may reveal whether the relative importance of specific sales force capabilities differs according to product complexity, investment intensity, and operational requirements (Hutt & Speh, 2021). Such investigations may further refine and contextualise the ISFC Framework.

Cross-Country Investigations

Industrial buying behaviour is influenced by economic, institutional, and cultural factors. Therefore, future research may examine the applicability of the proposed framework across different geographical contexts.

Comparative studies involving India and other emerging or developed economies may provide insights into variations in customer expectations, supplier relationships, and sales effectiveness practices (Sheth, Sharma, & Iyer, 2009). Such studies may contribute to the broader understanding of B2B marketing in international settings.

Digital Transformation and Industry 4.0

Digitalisation is expected to continue reshaping industrial selling practices. Emerging technologies such as artificial intelligence, predictive analytics, digital twins, and Industry 4.0 systems are likely to

influence customer expectations and supplier interactions (Frank, Dalenogare, & Ayala, 2019).

Future studies may investigate how these technological developments alter the role of sales professionals and reshape the competencies required for effective industrial selling. Particular attention may be given to the integration of digital engagement and relationship-building capabilities in customer decision-making processes (Ancillai, Terho, Cardinali, & Pascucci, 2019).

Overall, future research should seek to extend, refine, and empirically validate the proposed ISFC Framework across different organisational, industrial, and geographical contexts. Such efforts may contribute to the development of a more robust understanding of how sales force capabilities influence customer purchase decisions in evolving B2B environments.

CONCLUSION

The present study examined the role of sales force capabilities in influencing customer purchase decisions in India's B2B industrial machinery market through an in-depth content analysis of existing literature. Industrial machinery markets are characterised by high-value investments, complex technical evaluations, long purchase cycles, and the involvement of multiple organisational stakeholders. Under such conditions, customer purchase decisions extend beyond conventional considerations such as price and product specifications and increasingly depend on the capabilities of sales professionals who facilitate the buying process (Webster & Wind, 1972; Anderson, Narus, & Van Rossum, 2006).

The findings of this study indicate that sales force capabilities have evolved from transactional competencies to strategic value-creation capabilities. Contemporary industrial customers expect sales professionals to function as technical advisors, consultants, relationship managers, and business partners who can support organisational objectives throughout the purchasing journey (Rackham, 1988; Ulaga & Eggert, 2006). The in-depth content analysis further revealed that technical expertise, consultative selling, responsiveness, communication competence, ethical behaviour, after-sales coordination, and digital engagement capabilities collectively influence customer evaluations and purchase decisions.

The study also demonstrated that customer purchase decisions are shaped through three important evaluation mechanisms, namely customer trust, perceived value, and risk reduction. These mechanisms act as critical pathways through which sales force capabilities influence organisational buying behaviour. Industrial customers increasingly seek suppliers who can reduce uncertainty, provide customised solutions, and support long-term operational performance (Morgan & Hunt, 1994; Doney & Cannon, 1997). Consequently, sales effectiveness should be viewed as a multidimensional process that extends beyond product promotion and encompasses continuous value creation.

One of the principal contributions of this paper is the development of the Industrial Sales Force Capability (ISFC) Framework, which integrates fragmented literature into a unified explanatory structure. The framework proposes that sales force capabilities influence customer evaluations, which subsequently shape purchase decisions and long-term relationship outcomes. By linking sales force capabilities with customer trust, perceived value, risk reduction, and relationship continuity, the framework offers a holistic perspective on industrial buying behaviour within India's B2B industrial machinery market.

The present study makes three important contributions to the literature. First, it provides an India-specific understanding of sales force capabilities within industrial machinery markets. Second, it adopts a customer-centric perspective by focusing on industrial buying decision-makers rather than supplier organisations. Third, it proposes an integrated framework that explains the pathway through which sales force capabilities translate into customer purchase decisions and long-term relationship outcomes.

The study also offers important managerial implications. Industrial manufacturers can no longer rely exclusively on product superiority and price competitiveness to achieve sustainable market success. Instead, organisations should invest in developing technical expertise, consultative selling practices, digital competencies, ethical conduct, and after-sales support mechanisms that enhance customer experiences throughout the purchasing lifecycle. Such investments may strengthen customer confidence, improve supplier preference, and foster enduring business relationships.

As India's manufacturing ecosystem continues to expand through industrial modernisation, infrastructure development, and increasing digitalisation, the strategic importance of sales force capabilities is expected to grow further. Organisations that successfully integrate technical, relational, and support capabilities may be better positioned to create customer value and sustain competitive advantage in increasingly complex industrial markets.

Overall, this study underscores the need to reconsider the traditional role of industrial selling. Sales professionals are no longer merely facilitators of transactions; they are increasingly becoming strategic contributors to customer success and long-term organisational performance.

Industrial customers do not merely buy machinery; they buy confidence in future operational performance, and sales force capabilities are increasingly becoming the bridge that transforms that confidence into long-term business relationships.

REFERENCES

- Agnihotri, R., Trainor, K. J., Itani, O. S., & Rodriguez, M. (2016). Examining the role of sales-based CRM technology and social media use on post-sale service behaviours in India. *Journal of Business Research*, 69(6), 1938–1946. <https://doi.org/10.1016/j.jbusres.2015.10.082>
- Ancillai, C., Terho, H., Cardinali, S., & Pascucci, F. (2019). Advancing social media-driven sales research: Establishing conceptual foundations for B2B social selling. *Industrial Marketing Management*, 82, 293–308. <https://doi.org/10.1016/j.indmarman.2019.01.002>
- Anderson, J. C., Narus, J. A., & Van Rossum, W. (2006). Customer value propositions in business markets. *Harvard Business Review*, 84(3), 90–99.
- Doney, P. M., & Cannon, J. P. (1997). An examination of the nature of trust in buyer–seller relationships. *Journal of Marketing*, 61(2), 35–51. <https://doi.org/10.1177/002224299706100203>
- Dixon, M., & Adamson, B. (2011). *The Challenger Sale: Taking control of the customer conversation*. Portfolio Penguin.
- Elo, S., & Kyngäs, H. (2008). The qualitative content analysis process. *Journal of Advanced Nursing*, 62(1), 107–115. <https://doi.org/10.1111/j.1365-2648.2007.04569.x>
- Frank, A. G., Dalenogare, L. S., & Ayala, N. F. (2019). Industry 4.0 technologies: Implementation patterns in manufacturing companies. *International Journal of Production Economics*, 210, 15–26. <https://doi.org/10.1016/j.ijpe.2019.01.004>
- Government of India. (2020). *Make in India: Manufacturing sector overview*. New Delhi: Ministry of Commerce and Industry.
- Grönroos, C. (1994). From marketing mix to relationship marketing: Towards a paradigm shift in marketing. *Management Decision*, 32(2), 4–20. <https://doi.org/10.1108/00251749410054774>
- Hair, J. F., Black, W. C., Babin, B. J., & Anderson, R. E. (2019). *Multivariate data analysis* (8th ed.). Cengage Learning.
- Homburg, C., Müller, M., & Klarmann, M. (2011). When should the customer really be king? On the optimum level of salesperson customer orientation. *Journal of Marketing*, 75(2), 55–74. <https://doi.org/10.1509/jmkg.75.2.55>
- Hutt, M. D., & Speh, T. W. (2021). *Business marketing management: B2B* (13th ed.). Cengage Learning.
- Ingram, T. N., LaForge, R. W., Avila, R. A., Schwepker, C. H., & Williams, M. R. (2019). *Sales management: Analysis and decision making* (10th ed.). Routledge.
- Itani, O. S., Agnihotri, R., & Dingus, R. (2017). Social media use in B2B sales and its impact on competitive intelligence collection and adaptive selling. *Journal of Business & Industrial Marketing*, 32(3), 349–363. <https://doi.org/10.1108/JBIM-08-2015-0163>
- Johnston, W. J., & Lewin, J. E. (1996). Organizational buying behavior: Toward an integrative framework. *Journal of Business Research*, 35(1), 1–15. [https://doi.org/10.1016/0148-2963\(94\)00031-1](https://doi.org/10.1016/0148-2963(94)00031-1)

- Kline, R. B. (2016). *Principles and practice of structural equation modeling* (4th ed.). Guilford Press.
- Krippendorff, K. (2018). *Content analysis: An introduction to its methodology* (4th ed.). Sage Publications.
- Mayring, P. (2014). *Qualitative content analysis: Theoretical foundation, basic procedures and software solution*. Klagenfurt: Beltz.
- Morgan, R. M., & Hunt, S. D. (1994). The commitment-trust theory of relationship marketing. *Journal of Marketing*, 58(3), 20–38. <https://doi.org/10.1177/002224299405800302>
- Neuendorf, K. A. (2017). *The content analysis guidebook* (2nd ed.). Sage Publications.
- Palmatier, R. W., Dant, R. P., Grewal, D., & Evans, K. R. (2006). Factors influencing the effectiveness of relationship marketing: A meta-analysis. *Journal of Marketing*, 70(4), 136–153. <https://doi.org/10.1509/jmkg.70.4.136>
- Parasuraman, A., Zeithaml, V. A., & Berry, L. L. (1988). SERVQUAL: A multiple-item scale for measuring consumer perceptions of service quality. *Journal of Retailing*, 64(1), 12–40.
- Rackham, N. (1988). *SPIN selling*. McGraw-Hill.
- Román, S., & Ruiz, S. (2005). Relationship outcomes of perceived ethical sales behavior. *Journal of Business Research*, 58(4), 439–445. [https://doi.org/10.1016/S0148-2963\(03\)00125-6](https://doi.org/10.1016/S0148-2963(03)00125-6)
- Sheth, J. N. (1973). A model of industrial buyer behavior. *Journal of Marketing*, 37(4), 50–56. <https://doi.org/10.1177/002224297303700408>
- Sheth, J. N., Sharma, A., & Iyer, G. R. (2009). Why integrating purchasing with marketing is both inevitable and beneficial. *Industrial Marketing Management*, 38(8), 865–871. <https://doi.org/10.1016/j.indmarman.2008.06.007>
- Snyder, H. (2019). Literature review as a research methodology: An overview and guidelines. *Journal of Business Research*, 104, 333–339. <https://doi.org/10.1016/j.jbusres.2019.07.039>
- Terho, H., Haas, A., Eggert, A., & Ulaga, W. (2012). ‘It’s almost like taking the sales out of selling’—Towards a conceptualization of value-based selling in business markets. *Industrial Marketing Management*, 41(1), 174–185. <https://doi.org/10.1016/j.indmarman.2011.11.011>
- Tranfield, D., Denyer, D., & Smart, P. (2003). Towards a methodology for developing evidence-informed management knowledge by means of systematic review. *British Journal of Management*, 14(3), 207–222. <https://doi.org/10.1111/1467-8551.00375>
- Ulaga, W., & Eggert, A. (2006). Relationship value and relationship quality. *European Journal of Marketing*, 40(3/4), 311–327. <https://doi.org/10.1108/03090560610648075>
- Webster, F. E., Jr., & Wind, Y. (1972). A general model for understanding organizational buying behavior. *Journal of Marketing*, 36(2), 12–19. <https://doi.org/10.1177/002224297203600204>