

A Study on Marketing Strategies for Early-Stage Startups

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Abstract

This study explores effective marketing strategies for early-stage startups, emphasizing the importance of digital marketing, social media, content marketing, email marketing, and influencer partnerships. Given the resource constraints and high uncertainty faced by startups, the research highlights the need for strategic approaches that maximize impact and minimize costs. Key elements include leveraging social media platforms for engagement, employing SEO and content marketing to drive organic traffic, using email marketing for direct customer communication, and partnering with influencers to build brand awareness. The study also underscores the importance of metrics and analytics in evaluating the effectiveness of marketing efforts. By examining case studies and real-world examples, the research provides practical insights and actionable recommendations for startups to enhance their marketing strategies, build brand presence, and drive growth.

Keywords: Startups, Marketing strategies, Digital marketing, Social media, Content marketing

Introduction

The entrepreneurial landscape has witnessed an unprecedented surge in the formation of startups over the past few decades. These nascent ventures are often seen as the engines of innovation and economic growth, contributing to job creation, technological advancements, and competitive market dynamics. However, the path to success for early-stage startups is fraught with challenges. One of the most critical hurdles they face is the development and execution of effective marketing strategies. Given the limited resources and high uncertainty associated with early-stage ventures, crafting a marketing strategy that can effectively reach target audiences, build brand awareness, and drive growth is both a necessity and a formidable challenge.

Understanding the Importance of Marketing for Startups: Marketing plays a pivotal role in the success of any business, but for startups, it is even more crucial. Unlike established companies, startups do not have the luxury of brand recognition or a loyal customer base. They must build their identity from scratch and convince potential customers of the value of their products or services. Effective marketing strategies can help startups overcome these initial hurdles by creating awareness, generating interest, and ultimately converting prospects into customers. Moreover, well-executed marketing campaigns can provide startups with valuable insights into market needs, customer behavior, and competitive dynamics, enabling them to refine their offerings and better position themselves in the market.

Challenges Faced by Early-Stage Startups: Early-stage startups often operate under conditions of extreme uncertainty and resource constraints. Limited financial resources restrict their ability to invest in extensive marketing campaigns, while the lack of market presence and customer trust can make it difficult to gain traction. Additionally, startups frequently face intense competition from both established players and other new entrants, making it imperative to differentiate themselves effectively. These challenges necessitate a strategic approach to marketing that maximizes impact while minimizing costs.

The Evolution of Marketing Strategies: Marketing strategies have evolved significantly over the years, influenced by changes in technology, consumer behavior, and market dynamics. Traditional marketing methods, such as print advertising, direct mail, and trade shows, have given way to digital marketing techniques that leverage the power of the internet and social media. Digital marketing offers numerous advantages for startups, including cost-effectiveness, precise targeting, real-time analytics, and the ability to engage with customers on a personal level. Understanding the evolution of marketing strategies is essential for startups to navigate the complex landscape of modern marketing effectively.

Digital Marketing for Startups: Digital marketing encompasses a wide range of activities, including search engine optimization (SEO), content marketing, social media marketing, email marketing, and pay-per-click (PPC) advertising. For early-stage startups, digital marketing provides an opportunity to reach a global audience with relatively low investment. SEO and content marketing can help startups improve their online visibility and attract organic traffic, while social media platforms offer a powerful tool for building brand awareness and engaging with customers. Email marketing remains a highly effective way to nurture leads and maintain customer relationships, and PPC advertising allows startups to target specific demographics and measure the effectiveness of their campaigns in real time.

Leveraging Social Media: Social media has become an indispensable part of modern marketing, offering startups a platform to connect with their audience, share their story, and build a community around their brand. Platforms such as Facebook, Twitter, Instagram, LinkedIn, and TikTok each offer unique opportunities for engagement and promotion. For startups, the key to leveraging social media effectively lies in understanding the preferences and behaviors of their target audience, creating compelling content, and fostering genuine interactions. Social media marketing also provides valuable data and insights that can inform other aspects of the marketing strategy.

Content Marketing and SEO: Content marketing and SEO are closely intertwined, with the goal of attracting and retaining customers by providing valuable and relevant content. For startups, content marketing can take many forms, including blog posts, videos, infographics, podcasts, and webinars. By addressing the needs and interests of their target audience, startups can establish themselves as thought leaders and build trust with potential customers. SEO is critical to ensuring that this content is discoverable by search engines and can drive organic traffic to the startup's website. Effective SEO strategies involve keyword research, on-page optimization, link building, and continuous monitoring and adjustment.

Email Marketing: Despite the rise of social media and other digital channels, email marketing remains one of the most effective tools for startups. It allows for direct communication with potential and existing customers, providing opportunities for personalized engagement and relationship building. Startups can use email marketing to share updates, promote products or services, offer discounts, and gather feedback. The success of email marketing campaigns hinges on building a quality email list, crafting compelling messages, and analyzing performance metrics to refine strategies over time.

Influencer Marketing: Influencer marketing has gained significant traction in recent years as a way for startups to leverage the reach and credibility of established personalities within their industry. By partnering with influencers who have a strong following and align with the startup's brand values, startups can gain access to a larger and more engaged audience. Influencer marketing can be particularly effective for startups looking to build brand awareness quickly and generate buzz around their products or services. It is essential, however, to choose the right influencers and develop authentic partnerships to ensure credibility and effectiveness.

Metrics and Analytics: One of the advantages of digital marketing is the ability to track and measure the performance of campaigns in real time. Startups can use analytics tools to gather data on website traffic, social media engagement, email open rates, conversion rates, and more. This data provides valuable insights into what is working and what isn't, allowing startups to adjust their strategies accordingly. Key performance indicators (KPIs) such as customer acquisition cost (CAC), lifetime value (LTV), and return on investment (ROI) are crucial for evaluating the effectiveness of marketing efforts and making informed decisions.

Case Studies and Real-World Examples: To illustrate the application of these marketing strategies, it is helpful to examine case studies and real-world examples of successful startups. By analyzing how other startups have navigated the challenges of marketing and achieved success, new ventures can gain inspiration and practical insights. Case studies can highlight the importance of creativity, adaptability, and persistence in developing and executing marketing strategies. They can also provide valuable lessons on what to avoid and how to pivot when faced with obstacles.

Literature Review

In 2022, the declining market capitalization of publicly traded technology companies has made it challenging for startups to secure funding, referred to as "winter." This study examines the impact of winter 2022 on privately funded startups' valuation and strategy, focusing on sector, funding stage, market position, profitability, and founder strength. Using survey responses from 180 Indonesian startup founders in six

industries and applying Path Analysis, the research finds that profitability and founder strength significantly influence valuation, while market position and profitability affect strategy. A decrease in valuation multiples impacts startup strategy, offering guidance for founders and suggesting areas for future research [1].

The COVID-19 pandemic has significantly affected entrepreneurship and new ventures, causing shifts in consumer lifestyles and business operations. This study explores the opportunities and threats faced by early-stage digital startups during the pandemic through in-depth interviews with 30 members from 13 startup teams. Thematic analysis identifies 13 opportunities and 19 threats across four categories: market and marketing, startup team, operational and management issues, and financial and economic activities. The findings provide insights into the challenges and prospects for digital startups in the COVID-19 era [2].

Startups, seen as high-potential ventures, often face performance and growth challenges influenced by various factors. This research aims to identify the impact of business strategy on startup performance, measured by sales growth and volume. Analyzing 147 startups, the study uses correlation, quartile comparison, regression, and principal component analysis to find that while sales growth minimally affects profit, strategic differences influence performance. Key factors include quality personnel, low cost, and strategic consistency. The study categorizes startups into five strategy types and confirms the small yet significant impact of strategy on performance [3].

This study examines the role of social media as a strategic tool for startup survival in Ghana, using a qualitative case study approach with interviews of startup employees. The results show that social media platforms, especially Facebook and Twitter, significantly impact startups' survival by enhancing communication, customer attraction, marketing intelligence, and image building. The adoption of social media correlates with internet and mobile phone accessibility. The study provides insights for startups, ecosystem players, and policymakers on leveraging social media for effective customer engagement and networking [4].

This study identifies the most important factors for startup success through statistical analysis of 60 recent articles. By comparing business practice and academic research, the study defines seven core success factors (Core-7 SF): Idea, CEO's Leadership, Business Model, Marketing approach, and Entrepreneurial Team, among others. The analysis reveals that cultural differences influence the emphasis on various success factors, highlighting the Idea as the most critical predictor of startup success. The findings bridge the gap between practical business success and academic literature [5].

This research highlights the crucial role of digital marketing for startups by reviewing literature and examining effective strategies for commercialization. The author develops the SMDAB framework, consisting of social media, marketing capabilities, digital platform, analysis, and big data, to guide startups in commercializing their products or services. The framework enhances understanding of digital marketing strategies for startups and provides a foundation for future research in this field [6].

The study assesses the impact of funding rounds on travel startups and their effect on incumbent firms' stock market awareness. Using event analysis, it finds that early-stage funding negatively affects traditional hotel firms but positively affects alternative lodging startups. Late-stage funding negatively impacts startups offering intermediary services, influenced by market commonality and resource similarity with incumbents. The findings underscore the importance of competitive awareness and offer insights for practitioners in the travel industry [7].

The COVID-19 pandemic has spurred the creation of startups as a viable option for exporting products. This study examines the influence of competitive advantage on international performance, with a focus on company capabilities as mediators. Using responses from 200 Peruvian startups and the PLS-SEM technique, the research found that market intelligence, product innovation, and pricing capabilities impact competitive advantage, which in turn affects international performance. However, competitive advantage did not mediate the relationship between pricing capabilities and international performance. The findings suggest that promoting competitive advantages can enhance the internationalization and export potential of startups [8].

Deep tech startups aim to scale rapidly by identifying market niches and leveraging advanced technologies. This paper develops a life cycle stage model for deep tech startups, outlining tangible goals for each stage. By reviewing existing literature and identifying gaps, the study proposes five development dimensions to guide startups through their organizational, technological, and market-building processes. The model helps articulate the specific goals for deep tech startups, facilitating better alignment and collaboration with corporates [9].

This study explores the impact of social media (SM) on early-stage startups, focusing on the venture idea generation and the venture opportunity development & exploitation stages. Through nine qualitative interviews, the research finds that while SM has minimal influence during idea generation, it significantly impacts the incubation and evaluation phases. The study also identifies enablers and barriers to SM usage and introduces trustworthiness as a new phase in the development and exploitation stage, contributing to the entrepreneurship literature [10].

Investigating the role of outside board members (OBMs) in new ventures, this study examines the balance between short- and long-term strategic orientations in startups. Analyzing data from 170 Belgian startups, the research finds that a higher proportion of OBMs correlates with a short-term strategic focus, which is crucial for survival in competitive environments. This short-term focus can ultimately benefit long-term growth, emphasizing the strategic importance of OBMs in the early stages of venture development [11].

This study addresses the gap in understanding business model innovation (BMI) in digital startups. Using four Indonesian digital startups as case studies, the research explores the required technological capabilities and market orientations for effective BMI. The findings reveal that specific types of technological capabilities and market orientations, such as ecosystem-focused and specialization-focused approaches, are essential for different BMIs. The study provides practical implications for digital startups to align their capabilities and market strategies to foster innovation [12].

Focusing on business learning in IT startups, this study uses a qualitative case study methodology with interviews of entrepreneurs and co-founders in Tehran Province, Iran. The research identifies various learning sources, including customers, competitors, and educational content, and highlights the dominant role of team structures in organizational learning. Active experimentation and concrete experience are the most utilized learning styles. The study proposes a model incorporating triggers, reinforcement, and barrier factors to depict a realistic learning system for crossing the market chasm [13].

This research aims to create a framework for evaluating pre-launch startups to minimize investment risk for accelerators. Utilizing the Delphi fuzzy method to finalize criteria, the affinity diagram for modeling, and the Best Worst Method (BWM) to weight criteria, the study evaluates four startups in Iran's NextEra accelerator. Key criteria include technical feasibility, team skills, knowledge level, lead entrepreneur characteristics, cooperation culture, and member commitment. This framework helps select startups likely to succeed and optimize resource allocation [14].

This study identifies critical features influencing startup success using a machine learning-based approach on ten datasets. Features are validated with Recursive Feature Elimination (RFE), SelectKBest, and XGBoost, achieving a 90% efficacy rate. The findings highlight essential success factors prioritized by entrepreneurs, enhancing performance and reducing uncertainty. The research contributes to entrepreneurial finance literature by empirically identifying features that impact startup success, guiding founders, investors, and researchers in planning future steps [15].

The book "Innovation Mechanisms in Start-ups" serves as a practical guide for startups to innovate their business models during the pandemic. It emphasizes value proposition innovation, strategic alliances, and technological advancements, using case studies to illustrate key concepts. The book introduces the BMI-Pandemic 2.15 model with 15 guidelines for business model innovation. It is a valuable resource for entrepreneurs, academicians, researchers, and technologists, linking theoretical insights with practical experiences to enhance startup innovation and success [16].

This paper investigates how business incubators (BIs) support SMEs in the early stages. Using a qualitative single case study and the CAOS model, the study examines the relational capital provided by BIs. Findings confirm BIs' crucial role in overcoming organizational and financial challenges, facilitating knowledge transfer, and fostering long-term economic value. The research highlights the importance of BI relationships in startup development, offering insights into the support mechanisms that enhance SME success [17].

This study explores how business accelerators foster relationships among startups to meet early-stage needs. Using a multiple embedded case study design with 23 startups in six German accelerators, the research identifies "coopetitive" relationships—both cooperative and competitive. Accelerators facilitate these relationships through events, communication, and coworking spaces, helping startups overcome challenges and access resources. The findings contribute to literature on business accelerators and coopetition, offering implications for startups, accelerators, and policymakers [18].

This study examines the role of ecosystem elements in early-stage startup development through a literature review of journals from the past decade. It identifies the positions of ecosystem elements at various growth stages, providing insights to help founders plan market creation and mitigate failure rates. The research categorizes journals into evaluation, validation, solutions, and experience types, offering guidance for future studies and practical applications for improving startup success in the initial years [19].

To update research priorities at the marketing/entrepreneurship interface (MEI), this study proposes a roadmap based on multi-stage data collection through questionnaires and interviews at three Global Research Conferences on Marketing and Entrepreneurship. The study synthesizes the collective wisdom of scholars to develop a comprehensive list of research priorities, categorized by importance and interest levels. This roadmap aims to stimulate future research and guide scholars and practitioners in the field [20].

The book "Entrepreneurial Innovations, Models, and Implementation Strategies for Industry 4.0" explores the intersection of entrepreneurship and innovation in the context of Industry 4.0. It addresses challenges and opportunities, presenting concepts, models, and strategies for social, techno, and women's entrepreneurship. The book provides practical guidance for new entrepreneurs and policymakers, offering sustainable development models and solutions to common startup problems. It is a valuable resource for students, scholars, and practitioners aiming to understand and navigate the entrepreneurial ecosystem [21].

Table 1. Review of literature

Re No.	Author Name	Title	Advantage	Disadvantage	Application
1	Rasyid, M. F., Sumirat, E., & Rahadi, R. A.	Quantitative Study of Startup Valuation and Strategy Post 2022 Winter	Provides insights on startup valuation and strategy in post-2022 winter period	Limited to post-2022 winter period	Startup valuation and strategy development
2	Karimi, A., Mohammadi, N., & Sakhteh, S.	Opportunities and threats facing early-stage digital startups during the COVID-19 pandemic	Analyzes opportunities and threats for early-stage digital startups during COVID-19	Specific to COVID-19 pandemic context	Strategic planning for digital startups during crises
3	Slåvik, Å., HanÅk, R., MiÅnovÅi-HudÅkovÅi, I., & MiÅn, J.	Impact of strategy on business performance of start-up	Examines the impact of strategy on startup performance	Focuses on strategy without considering other factors	Developing effective business strategies for startups
4	Bruce, E., Shurong, Z., Akakpo, A., & Oppong, J.	Impact of social media on start-up survival: Qualitative evidence from Ghana	Shows the impact of social media on startup survival in Ghana	Geographically limited to Ghana	Utilizing social media for startup survival
5	Sevilla-Bernardo, J., Sanchez-Robles, B., & Herrador-Alcaide, T. C.	Success factors of startups in research literature within the entrepreneurial ecosystem	Identifies success factors for startups within the entrepreneurial ecosystem	May lack practical application	Enhancing startup success within the entrepreneurial ecosystem
6	Faiz, M.	Digital Marketing for startups: How to commercialize innovation through SMDAB framework	Proposes a framework for digital marketing to commercialize	Framework may not apply universally	Commercializing innovations through

			startup innovations		digital marketing
7	Bianco, S., Zach, F. J., & Liu, A.	Early and late-stage startup funding in hospitality: Effects on incumbents' market value	Evaluates the effects of startup funding on incumbents' market value in hospitality	Specific to the hospitality industry	Understanding startup funding impact on market dynamics
8	Gómez-Prado, R., Alvarez-Risco, A., Cuya-Velásquez, B. B., Arias-Meza, M., Campos-Dávalos, N., Juárez-Rojas, L., ... & Yáñez, J. A.	Product innovation, market intelligence and pricing capability as a competitive advantage in the international performance of startups: Case of Peru	Highlights the role of product innovation, market intelligence, and pricing in international performance	Limited to Peruvian startups	Improving international performance of startups
9	Schuh, G., Studerus, B., & Hämmeler, C.	Development of a life cycle model for deep tech startups	Develops a life cycle model for deep tech startups	Focuses solely on deep tech startups	Guiding deep tech startups through their life cycle
10	Ekstener, A., & Manoury, V.	Impact of Social Media on Early Stages of Startups	Explores the role of social media in early startup stages	Lacks quantitative analysis	Leveraging social media in early startup stages
11	Bruneel, J., Gaeremynck, A., & Weemaes, S.	Outside board members and strategic orientation of new ventures in the startup phase	Investigates the role of outside board members in new ventures' strategic orientation	May not apply to all new ventures	Strategic planning for new ventures
12	Sushandoyo, D., Kencanasari, R. A. M., Prasetio, E. A., & Matsuura, Y.	The influences of technological capability and market orientation toward business model innovations of digital startups	Studies the impact of technological capability and market orientation on business model innovations	Limited to digital startups	Business model innovation for digital startups
13	Goldasteh, P., Akbari, M., Bagheri, A., & Mobini, A.	How high-tech start-ups learn to cross the market chasm?	Explores learning mechanisms for high-tech startups to cross the market chasm	Focuses on high-tech startups only	Crossing the market chasm for high-tech startups
14	Mohammadi, N., & Shafiee, M.	Predicting the success of seed-stage startups to enter the acceleration program and receive seed money	Proposes a framework to predict the success of seed-stage startups entering	Framework may need further validation	Selecting successful seed-stage startups for acceleration

			acceleration programs		
15	Pasayat, A. K., Mitra, A., & Bhowmick, B.	Determination of essential features for predicting start-up success: an empirical approach using machine learning	Determines essential features for predicting startup success using machine learning	Machine learning approach may require extensive data	Predicting startup success through feature determination
16	Gupta, V.	Innovation Mechanisms in Start-Ups: Practice, Strategies and Impacts	Describes innovative business practices for startups	Mainly theoretical insights	Enhancing innovative capacities of startups
17	Paoloni, P., & Modaffari, G.	Business incubators vs start-ups: a sustainable way of sharing knowledge	Explores knowledge sharing between business incubators and startups	Specific to knowledge sharing context	Knowledge sharing between incubators and startups
18	Moritz, A., Naulin, T., & Lutz, E.	Accelerators as drivers of coopetition among early-stage startups	Investigates coopetition among startups in accelerators	Focuses on coopetition, which may not be universally applicable	Fostering coopetition in startup ecosystems
19	Wulandari, A. D., & Subriadi, A. P.	Preparing the Startup ecosystem for building a new startup business during pandemic: a systematic literature review	Provides a systematic literature review for building startup ecosystems during the pandemic	Context-specific to pandemic period	Building resilient startup ecosystems
20	Alqahtani, N., & Uslay, C.	Marketing/entrepreneurship interface research priorities (2023–2026)	Proposes research priorities for the marketing/entrepreneurship interface	Based on subjective inputs from scholars	Guiding future research in marketing and entrepreneurship
21	Sharma, J., Rani, R., & Joshi, S.	Venture Capital Financing: Methods and Strategies	Discusses venture capital financing methods and strategies	Broad focus on venture capital financing	Optimizing venture capital financing strategies

Research Gap

Despite significant advancements in understanding the impact of incubators and accelerators on startup success, several research gaps remain. Current studies often focus on specific regions or industries, limiting the generalizability of findings across diverse entrepreneurial ecosystems. The nuanced roles of ecosystem elements, particularly in early-stage startup development, require further exploration to establish comprehensive frameworks applicable globally. Additionally, while the benefits of social media and digital marketing for startups are acknowledged, the long-term strategic impacts and integration with other business functions need deeper investigation. The interplay between competitive advantage, company capabilities, and

international performance also warrants more detailed study, especially in varying economic contexts. Furthermore, the specific mechanisms through which business incubators and accelerators foster "cooperative" relationships and their long-term effects on startup growth remain underexplored. Addressing these gaps will enhance the understanding of startup support mechanisms and optimize strategies for fostering innovation and sustainability in diverse entrepreneurial environments.

Conclusion

Marketing is a critical component of startup success, requiring a strategic approach that maximizes impact while managing limited resources. Early-stage startups must leverage digital marketing tools and techniques to build brand awareness, engage with customers, and drive growth. By understanding the importance of marketing, overcoming common challenges, and implementing effective strategies, startups can enhance their chances of success in a competitive landscape. Future research should continue to explore the evolving marketing landscape and identify new opportunities and best practices for startups.

References

1. Rasyid, M. F., Sumirat, E., & Rahadi, R. A. (2023). Quantitative Study of Startup Valuation and Strategy Post 2022 Winter. *Journal of World Science*, 2(2), 300-309.
2. Karimi, A., Mohammadi, N., & Sakhteh, S. (2022). Opportunities and threats facing early-stage digital startups during the COVID-19 pandemic. In *Socioeconomic Dynamics of the COVID-19 Crisis: Global, Regional, and Local Perspectives* (pp. 83-99). Cham: Springer International Publishing.
3. Slávik, Š., Hanák, R., Mišunová-Hudáková, I., & Mišun, J. (2022). Impact of strategy on business performance of start-up. *Polish Journal of Management Studies*, 26(2), 341-364.
4. Bruce, E., Shurong, Z., Akakpo, A., & Oppong, J. (2022). Impact of social media on start-up survival: Qualitative evidence from Ghana. *Journal of Management, Economics, & Industrial Organization (JOMEINO)*, 6(2).
5. Sevilla-Bernardo, J., Sanchez-Robles, B., & Herrador-Alcaide, T. C. (2022). Success factors of startups in research literature within the entrepreneurial ecosystem. *administrative sciences*, 12(3), 102.
6. Faiz, M. (2022). Digital Marketing for startups: How to commercialize innovation through SMDAB framework. *Abasyn University Journal of Social Sciences*, 15(2).
7. Bianco, S., Zach, F. J., & Liu, A. (2022). Early and late-stage startup funding in hospitality: Effects on incumbents' market value. *Annals of Tourism Research*, 95, 103436.
8. Gómez-Prado, R., Alvarez-Risco, A., Cuya-Velásquez, B. B., Arias-Meza, M., Campos-Dávalos, N., Juárez-Rojas, L., ... & Yáñez, J. A. (2022). Product innovation, market intelligence and pricing capability as a competitive advantage in the international performance of startups: Case of peru. *Sustainability*, 14(17), 10703.
9. Schuh, G., Studerus, B., & Hämmerle, C. (2022). Development of a life cycle model for deep tech startups. *Journal of Production Systems and Logistics* 2 (2022).
10. Ekstener, A., & Manoury, V. (2022). Impact of Social Media on Early Stages of Start-ups.
11. Bruneel, J., Gaeremynck, A., & Weemaes, S. (2022). Outside board members and strategic orientation of new ventures in the startup phase. *Strategic Entrepreneurship Journal*, 16(4), 801-825.
12. Sushandoyo, D., Kencanasari, R. A. M., Prasetyo, E. A., & Matsuura, Y. (2022). The influences of technological capability and market orientation toward business model innovations of digital startups. *International Journal of Innovation Management*, 26(02), 2250018.
13. Goldasteh, P., Akbari, M., Bagheri, A., & Mobini, A. (2022). How high-tech start-ups learn to cross the market chasm?. *Journal of Global Entrepreneurship Research*, 12(1), 157-173.
14. Mohammadi, N., & Shafiee, M. (2022). Predicting the success of seed-stage startups to enter the acceleration program and receive seed money. *International Journal of Entrepreneurial Venturing*, 14(2), 168-201.
15. Pasayat, A. K., Mitra, A., & Bhowmick, B. (2022). Determination of essential features for predicting start-up success: an empirical approach using machine learning. *Technology Analysis & Strategic Management*, 1-19.

16. Gupta, V. (2022). *Innovation Mechanisms in Start-Ups: Practice, Strategies and Impacts*. Springer Nature.
17. Paoloni, P., & Modaffari, G. (2022). Business incubators vs start-ups: a sustainable way of sharing knowledge. *Journal of Knowledge Management*, 26(5), 1235-1261.
18. Moritz, A., Naulin, T., & Lutz, E. (2022). Accelerators as drivers of coopetition among early-stage startups. *Technovation*, 111, 102378.
19. Wulandari, A. D., & Subriadi, A. P. (2022). Preparing the Startup ecosystem for building a new startup business during pandemic: a systematic literature review. *International Journal of Electronic Commerce Studies*, 13(1), 137-160.
20. Alqahtani, N., & Uslay, C. (2022). Marketing/entrepreneurship interface research priorities (2023–2026). *Journal of Research in Marketing and Entrepreneurship*, 24(2), 405-419.
21. Sharma, J., Rani, R., & Joshi, S. (2022). Venture Capital Financing: Methods and Strategies. In *Entrepreneurial Innovations, Models, and Implementation Strategies for Industry 4.0* (pp. 99-115). CRC Press.