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Cultural and Technological Entrepreneurship Integration for Service Marketing Enhancement

Mandy, Kim Man Mok[1,*], Alex Scher-Smith[2]

[1] Faculty of Business, Raffles University, Malaysia

[2] Faculty of Business and Law, University of West England, United Kingdom

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ABSTRACT

The fusion of cultural and technological entrepreneurship represents a novel strategic avenue for enhancing service marketing performance in the contemporary experience economy. This conceptual paper discusses how integrating cultural entrepreneurship, the leveraging of cultural heritage, authenticity, and storytelling, with technological entrepreneurship, the adept adoption of digital innovations, can drive superior service marketing outcomes in artisan organizations. The proposed framework contributes to service research by bridging cultural and technological entrepreneurship perspectives and highlighting the importance of context in their efficacy. The paper offers insights for service marketers and entrepreneurs, particularly in cultural industries, on balancing tradition and innovation.

1. Introduction

In the contemporary service economy, value creation increasingly requires entrepreneurs to reconcile tradition with innovation. Two prominent yet largely distinct entrepreneurial orientations, namely, cultural entrepreneurship and technological entrepreneurship, have emerged as important sources of competitive advantage. Cultural entrepreneurship emphasizes the strategic mobilization of cultural meanings, heritage, narratives, and symbolism to differentiate offerings and establish legitimacy [7,11]. In contrast, technological entrepreneurship focuses on the identification and exploitation of emerging technologies to drive innovation, scalability, and growth [1].

Although both orientations have independently attracted substantial scholarly attention, they have largely evolved along separate theoretical trajectories. This separation is particularly limiting in service contexts, where value is co-created through experiential, symbolic, and relational processes. Service organizations, especially those operating in creative, cultural, and artisanal sectors, are

* *Corresponding author.*
E-mail address: mkimman@yahoo.com (Mandy, Kim Man Mok)

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uniquely positioned to benefit from the integration of these paradigms. Cultural richness can enhance the depth and authenticity of service experiences, while technology enables broader reach, efficiency, and sustained engagement. Against this backdrop, the article discusses whether and how the integration of cultural and technological entrepreneurship enhances service marketing performance.

2. Research Background and Significance

Service marketing scholarship has long emphasized the centrality of experiential value and innovation in shaping customer satisfaction, loyalty, and competitive outcomes [15]. The incorporation of authentic cultural elements, such as local heritage, traditions, and narratives, provides a powerful mechanism for differentiation and emotional engagement. Prior research demonstrates that perceived authenticity in cultural and heritage-based services significantly enhances customer satisfaction and loyalty [12].

Simultaneously, technological entrepreneurship has transformed service delivery and marketing practices by enabling digital platforms, data-driven personalization, and novel modes of interaction. Empirical evidence underscores the performance benefits of technological adoption; for instance, Malaysian SMEs that embraced social media tools during the COVID-19 pandemic experienced productivity gains of approximately 26% [13].

The convergence of these trends suggests that service firms capable of integrating cultural authenticity with technological capability may achieve superior outcomes. By articulating compelling cultural narratives and deploying advanced technological tools, such firms can construct distinctive value propositions that resonate with digitally sophisticated yet authenticity-seeking consumers [3].

3. Research Gap and Study Objectives

Despite their growing relevance, cultural and technological entrepreneurship have rarely been examined in tandem. Cultural entrepreneurship research, rooted primarily in sociology and the creative industries, focuses on narrative construction, symbolism, and legitimacy building [7,11]. In contrast, technological entrepreneurship research emphasizes innovation-driven venture creation and the capabilities required to exploit technology-based opportunities [1].

Little is known about how these two orientations interact in service contexts or whether their joint deployment generates additive or synergistic performance effects. This gap is particularly salient in an era characterized by heightened demand for both meaningful service experiences and digital engagement.

Responding to this limitation, the study seeks to conceptualize the integration of cultural and technological entrepreneurship in service marketing and develop a conceptual framework linking these constructs to service marketing performance outcomes.

4. Literature Review

4.1 Cultural Entrepreneurship in Service Contexts

Cultural entrepreneurship refers to the process through which entrepreneurs strategically deploy cultural symbols, narratives, and values to create economic value [7]. Originating in sociological and creative-industry research, the concept highlights storytelling and identity work as critical entrepreneurial resources [15]. Lounsbury and Glynn [7] defined cultural entrepreneurship as “the process of storytelling that mediates between extant stocks of entrepreneurial resources and

subsequent capital acquisition," emphasizing the role of culturally embedded narratives in securing legitimacy and support.

This perspective is particularly salient in service industries, where offerings are largely intangible and experiential. Services infused with cultural content, such as heritage tourism, artisanal workshops, or indigenous wellness experiences, can deliver authenticity, emotional resonance, and identity affirmation, thereby enhancing satisfaction and loyalty [15]. Within marketing, cultural entrepreneurship manifests through brand storytelling, heritage branding, and authenticity-based positioning.

Empirical research in tourism and hospitality consistently demonstrates the positive influence of perceived authenticity on customer attitudes and behaviors [12]. By emphasizing heritage, ritual, and origin stories, service firms can differentiate themselves in crowded markets and command premium pricing. Cultural entrepreneurship is thus particularly relevant for artisan and creative service organizations, which often possess rich cultural capital rooted in family traditions or regional practices.

Beyond differentiation, cultural entrepreneurship also contributes to legitimacy building. By framing offerings in culturally familiar and valued terms, new ventures can reduce uncertainty and overcome liabilities of newness [7]. Moreover, cultural entrepreneurship aligns with growing consumer demand for sustainability and social responsibility, as customers increasingly value businesses that preserve and promote cultural heritage [10].

Nevertheless, cultural entrepreneurship may face scalability constraints, as culturally rich services are often embedded in local contexts and traditional delivery modes. This limitation highlights the complementary role of technological entrepreneurship.

4.2 Technological Entrepreneurship and Service Innovation

Technological entrepreneurship involves the proactive identification and exploitation of technological innovations for venture creation and growth [1]. In service industries, it is closely associated with digital transformation, technology-enabled service innovation, and new modes of value co-creation.

Service firms exhibiting technological entrepreneurship actively adopt emerging technologies, such as automation, social media, cloud computing, and artificial intelligence, to enhance service quality, efficiency, and accessibility [4,9]. Technology reshapes service delivery by enabling self-service systems, personalization, and real-time interaction [2].

Empirical evidence indicates that technology-oriented SMEs outperform their less technologically engaged counterparts in terms of productivity and growth [6]. In the UK, early adoption of e-commerce and internet technologies has been associated with significant performance advantages [5]. Technological entrepreneurship also contributes to dynamic capabilities, allowing firms to respond agilely to environmental change and capitalize on first-mover advantages.

However, a purely technology-driven approach may risk commoditization or the erosion of human and cultural dimensions in service experiences. This limitation underscores the importance of integrating technological capability with culturally grounded value creation.

4.3 Integrating Cultural and Technological Entrepreneurship in Service Marketing

The integration of cultural and technological entrepreneurship represents a synergistic strategic configuration in which culture provides meaning and differentiation, while technology enables scale, efficiency, and engagement. From a service marketing perspective, cultural entrepreneurship

strengthens value communication through compelling narratives and authenticity, whereas technological entrepreneurship enhances delivery, interaction, and reach.

Emerging research suggests that the convergence of creativity and technology is reshaping business models, particularly in cultural and creative industries [8]. Digital platforms enable cultural entrepreneurs to access global markets, expand collaborative networks, and increase visibility beyond local boundaries. Technologies such as AR/VR, AI, and streaming services facilitate novel forms of cultural expression and immersive service experiences.

Theoretically, this integration can be understood as a form of organizational ambidexterity, combining culturally embedded knowledge with advanced technological capability. From a resource-based view, the unique bundling of cultural capital and technological competence constitutes a valuable, rare, and difficult-to-imitate resource configuration. From a service-dominant logic perspective [14], cultural narratives enrich value propositions, while technology enhances the processes through which value is co-created with customers.

The article discusses this gap by proposing a framework in which cultural and technological entrepreneurship exert both direct and interactive effects on service marketing performance.

5. Conceptual Framework and Proposition Development

Figure 1 presents the proposed conceptual framework. Cultural entrepreneurship (CE) and technological entrepreneurship (TE) are conceptualized as distinct yet complementary strategic orientations that positively influence service marketing performance (SMP). Additionally, an interaction effect is proposed, such that the impact of each orientation is amplified when the other is also high.

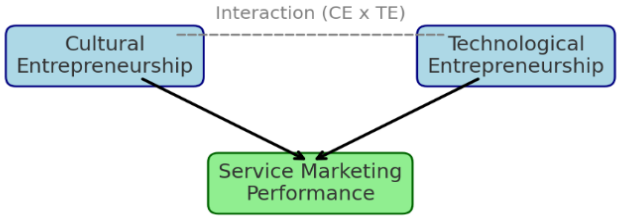


Fig. 1. The conceptual framework

Service Marketing Performance (SMP) is the focal outcome and reflects the effectiveness of a firm's service marketing efforts. It encompasses customer-related outcomes (e.g., satisfaction, loyalty, perceived value), market outcomes (e.g., brand strength, market share), and self-reported indicators of marketing success. Higher SMP indicates stronger customer responses and competitive positioning. Based on the proposed conceptual framework, the propositions are articulated as follows:

P1: Cultural entrepreneurship has a positive effect on service marketing performance.

By embedding services with authentic cultural narratives and symbolic meaning, culturally entrepreneurial firms create differentiated and emotionally engaging offerings. These attributes

foster customer satisfaction, loyalty, and advocacy, thereby enhancing marketing performance [12]. Cultural narratives also facilitate legitimacy building and niche market access [7]. Accordingly, higher engagement in cultural entrepreneurship is expected to positively influence service marketing performance.

P2: Technological entrepreneurship has a positive effect on service marketing performance.

Technological entrepreneurship enhances service accessibility, efficiency, and personalization through digital tools and platforms. Firms that actively adopt innovative technologies can scale operations, reach broader markets, and improve marketing effectiveness through data-driven insights [13]. Consequently, a positive relationship is expected between technological entrepreneurship and service marketing performance.

P3: The interaction between cultural and technological entrepreneurship positively affects service marketing performance.

It is proposed that cultural and technological entrepreneurship reinforce one another, generating synergistic effects. Technology amplifies the reach and impact of cultural value, while cultural content differentiates and humanizes technology-enabled services. Firms high in both orientations are expected to outperform those emphasizing only one, achieving superior customer engagement, loyalty, and market expansion.

6. Discussion and Conclusion

This conceptual paper advances service marketing and entrepreneurship research by integrating cultural entrepreneurship and technological entrepreneurship as a synergistic driver of service marketing performance. By bridging two largely disconnected research streams, the study responds to growing calls for more integrative frameworks that capture the complex realities of value creation in contemporary service economies. The proposed framework highlights how meaning-based cultural resources and efficiency-driven technological capabilities can jointly enhance experiential, relational, and symbolic dimensions of service offerings.

The first proposition emphasizes the positive role of cultural entrepreneurship in shaping service marketing performance. This finding aligns with prior research demonstrating that authenticity, storytelling, and heritage-based differentiation enhance customer satisfaction and loyalty in service contexts. The discussion extends this literature by positioning cultural entrepreneurship not merely as a branding tool, but as a strategic orientation that underpins value co-creation. By embedding services with culturally resonant narratives, firms can deepen emotional engagement and strengthen customer–brand relationships. In service settings where offerings are intangible and experiential, such symbolic enrichment becomes particularly salient, reinforcing perceived value and facilitating favorable word-of-mouth.

The second proposition underscores the contribution of technological entrepreneurship to service marketing performance. Consistent with research on service innovation and digital transformation, technological entrepreneurship enhances accessibility, efficiency, personalization, and scalability. Digital platforms, data analytics, and interactive technologies enable service firms to reach broader audiences and tailor offerings to individual customer needs. Importantly, this paper conceptualizes technological entrepreneurship as an entrepreneurial orientation rather than a mere operational capability, emphasizing proactive opportunity recognition and strategic technology

deployment. This framing reinforces the role of technology as a source of sustained competitive advantage rather than short-term efficiency gains.

The most important contribution of this paper lies in its theorization of the interaction between cultural and technological entrepreneurship. The proposed interaction effect suggests that these orientations are not simply additive, but mutually reinforcing. Cultural entrepreneurship provides meaning, authenticity, and differentiation, while technological entrepreneurship amplifies these qualities by extending reach, enhancing engagement, and enabling new forms of service delivery. For example, digital storytelling, virtual heritage experiences, and social media platforms allow culturally rich services to transcend geographical and temporal boundaries. Conversely, cultural content humanizes technology-enabled services, mitigating risks of commoditization and impersonalization often associated with digitalization.

This integrative perspective contributes to service-dominant logic by illustrating how operant resources, namely cultural knowledge and technological capability, can be bundled to enhance value co-creation. It also aligns with the resource-based view by highlighting how the combination of cultural capital and technological competence constitutes a rare and difficult-to-imitate strategic configuration. Moreover, the conceptual framework suggests that firms capable of balancing tradition and innovation are better positioned to respond to evolving consumer expectations.

From a managerial standpoint, the discussion offers important implications for service marketers and entrepreneurs, particularly in creative, cultural, and artisanal sectors. Rather than viewing tradition and technology as competing logics, managers should adopt an integrative mindset that leverages technology to preserve, communicate, and scale cultural value. Strategic investments in digital tools should be guided by cultural narratives, ensuring coherence between service identity and delivery mechanisms. Such alignment can enhance customer trust, authenticity perceptions, and long-term brand equity.

Overall, the discussion highlights that superior service marketing performance in experience-driven markets is increasingly contingent upon the strategic integration of cultural meaning and technological capability. By advancing this integrative framework, the paper contributes to a more holistic understanding of entrepreneurship in service contexts.

7. Future Research Directions

While this conceptual study lays the groundwork for understanding the integration of cultural and technological entrepreneurship in service marketing, several promising avenues for future research emerge. First, empirical validation of the proposed framework represents an important next step. Future studies could test the direct and interaction effects of cultural and technological entrepreneurship on service marketing performance using survey-based or mixed-method designs. Longitudinal data would be particularly valuable in capturing how these orientations co-evolve over time and influence performance dynamics.

Second, future research could refine the measurement of cultural and technological entrepreneurship. While existing scales capture elements of storytelling, authenticity, and technology adoption, there is scope to develop more nuanced instruments that reflect the strategic and entrepreneurial dimensions emphasized in this paper. For instance, cultural entrepreneurship measures could incorporate indicators of narrative coherence, heritage preservation, and symbolic innovation, while technological entrepreneurship scales could assess proactive experimentation, digital opportunity recognition, and platform orchestration.

Third, contextual moderators warrant closer examination. The effectiveness of integrating cultural and technological entrepreneurship is likely to vary across industries, institutional

environments, and cultural settings. Comparative studies across sectors such as tourism, hospitality, digital arts, and wellness services could reveal boundary conditions of the proposed relationships. Similarly, cross-cultural research could explore how national culture, regulatory environments, and technological infrastructure shape the integration process and its outcomes.

Fourth, future research could examine additional outcomes beyond service marketing performance. While this paper focuses on customer and market-related outcomes, integration may also influence organizational resilience, sustainability performance, and social impact. Given the growing emphasis on responsible entrepreneurship, scholars could investigate how technology-enabled cultural entrepreneurship contributes to cultural preservation, community development, and inclusive growth.

Fifth, qualitative and case-based research could provide rich insights into the micro-processes underlying integration. In-depth studies of artisan firms, creative startups, or heritage-based service organizations could illuminate how entrepreneurs navigate tensions between tradition and innovation, manage authenticity risks, and make strategic technology choices. Such research would complement quantitative findings and deepen theoretical understanding.

Finally, future research could explore the role of emerging technologies in shaping cultural entrepreneurship. Technologies such as artificial intelligence, augmented reality, and blockchain present new opportunities and challenges for cultural value creation and appropriation. Scholars could investigate how these technologies transform storytelling, ownership, and authenticity perceptions in service contexts.

In sum, future research has substantial potential to extend and refine the integrative framework proposed in this paper. By advancing empirical, contextual, and process-oriented studies, scholars can further illuminate how cultural and technological entrepreneurship jointly shape the future of service marketing.

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