

## Research on the modernization of private higher education management systems in China

Xi Yang <sup>1\*</sup>, Wipada Prasansaph <sup>2</sup>

<sup>1\*</sup> PHD, Graduate School, Suan Sunandha Rajabhat University. 1 U-Thong Nok Road, Dusit, Bangkok 10300, Thailand

<sup>2</sup>Dr, Graduate School, Suan Sunandha Rajabhat University. 1 U-Thong Nok Road, Dusit, Bangkok 10300, Thailand

Emails :

\*Corresponding author: Xi Yang

Corresponding author email: [18608936555@163.com](mailto:18608936555@163.com)

<https://orcid.org/0009-0007-2259-5091>

Wipada Prasansaph : [wipada.pr@ssru.ac.th](mailto:wipada.pr@ssru.ac.th) 2

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### ABSTRACT

This study delves into the modernization of management systems in Chinese private higher education institutions, a critical area in the context of China's rapidly evolving educational landscape. Recognizing the unique challenges and opportunities presented by this sector, the paper employs a mixed-method approach, integrating both quantitative and qualitative research methodologies. The quantitative aspect of the study is grounded in a survey, where 300 questionnaires were distributed to garner insights into the prevailing management practices, perceptions, and outcomes. This data was rigorously analyzed using SPSS, providing statistical charts and findings that highlight key trends and patterns. Complementing this, the qualitative dimension of the study involved in-depth interviews with 15 subjects, carefully selected to represent a diverse range of perspectives within the private higher education sector. These interviews provided rich, nuanced insights that go beyond numbers, exploring the lived experiences, challenges, and aspirations of those at the forefront of managing private higher education institutions. Through this dual approach, the study aims to offer a balanced and in-depth understanding of how modernization is taking shape in this sector. It seeks to identify best practices, challenges, and opportunities for further development, contributing valuable knowledge to the field of educational management in China. The findings of this research are expected to be of significant interest to policymakers, educational administrators, and scholars, offering both empirical data and qualitative insights to inform future strategies and policies in Chinese private higher education.

**Keywords:** Private Higher Education in China, Educational Management Modernization, Mixed-Methods Research, SPSS Statistical Analysis, Educational Policy Reform, Qualitative and Quantitative Surveys.

### 1. Introduction

#### 1.1. Background of Chinese Private Higher Education

The landscape of Chinese private higher education has undergone significant transformation over the past few decades. Historically, higher education in China was predominantly state-funded and state-operated. However, the late 20th century witnessed a paradigm shift with the

emergence and rapid expansion of private higher education institutions (HEIs) (Zhang & Wang, 2020). This change was partly in response to the increasing demand for higher education, which the public sector alone could not satisfy (Liu & Wang, 2018). The rise of private HEIs in China can be traced back to the economic reforms of the 1980s, which encouraged private investment in various sectors, including education (Chen, 2019). These institutions initially emerged as complements to public universities, primarily focusing on vocational and specialized education. However, they have progressively evolved, offering a wide range of academic and professional programs (Wang & Zhao, 2021). Despite their growth, private HEIs in China face unique challenges. These include issues related to governance, quality assurance, and equity in funding compared to their public counterparts (Li & Yang, 2017). Moreover, private HEIs often struggle with gaining societal recognition and legitimacy, as the public HEIs are traditionally viewed as superior in terms of academic prestige and resources (Zhou, 2022). In recent years, the Chinese government has taken several steps to support and regulate private higher education. Policies have been introduced to ensure quality control, encourage innovation in teaching and learning, and promote equitable treatment of private institutions in the higher education landscape (Xu & Cai, 2019). These efforts signify a growing acknowledgment of the role of private HEIs in diversifying and enhancing the higher education system in China (Yang, 2020). The modernization of management systems within these private HEIs is crucial for their sustainability and competitiveness. Effective management practices are essential to navigate the complexities of the higher education market, meet regulatory requirements, and fulfill the educational needs and expectations of students in a globalized world (Wang, 2021).

### **1.2. Importance of Modernization in Educational Management**

Modernization in educational management is a critical factor for the success and sustainability of higher education institutions, especially in the rapidly evolving educational landscape of China. The modernization process involves adopting new management practices, technologies, and educational philosophies that align with contemporary global standards and expectations (Li & Chen, 2020). The emergence of new technologies and digital platforms has transformed how education is delivered and managed. Institutions that embrace technological advancements in their management practices can enhance operational efficiency, improve communication, and offer more engaging and effective learning experiences (Zhang & Liu, 2019). For instance, implementing Learning Management Systems (LMS) and digital administrative platforms enables better resource management and more personalized learning paths for students (Wang, 2021).

Moreover, the globalization of education necessitates a more dynamic and flexible management approach. Modern management practices must consider international standards, multicultural environments, and global competition (Yang & Xu, 2018). Private HEIs in China, aiming to attract international students and faculty, need to adopt management practices that cater to diverse needs and comply with international educational standards (Zhao & Wang, 2020). Modernization also involves a shift towards more participatory and decentralized management structures. Traditional hierarchical models are giving way to more collaborative and team-based approaches, promoting innovation, agility, and responsiveness to the changing educational environment (Liu & Zhang, 2021). This change is particularly important for private HEIs, as they often need to be more adaptable and innovative to compete with public institutions (Chen & Li, 2019). Financial management and fundraising strategies are also crucial components of modernization. Private HEIs, which do not typically receive the same level of state funding as public institutions, must develop robust financial management strategies to ensure sustainability. This includes exploring diverse revenue streams, such as partnerships with industry, alumni donations, and research grants (Wu & Zhou, 2020).

### 1.3. Objectives of the Study

- Identify Key Trends in Modernization: Examine current trends in the modernization of educational management within Chinese private higher education institutions (HEIs).
- Assess the Impact of Technological Advancements: Evaluate how technological advancements influence the management of private HEIs in China, particularly in administrative and academic processes.
- Evaluate Management Structures and Practices: Analyze the current management structures and practices in Chinese private HEIs and how they are evolving in response to various challenges and opportunities.
- Analyze Financial Management Strategies: Investigate the financial management strategies employed by Chinese private HEIs, focusing on revenue diversification and resource management for financial sustainability.
- Explore the Influence of Globalization: Examine the impact of globalization on Chinese private HEIs, especially in adapting to international educational standards and attracting a global community.
- Propose Recommendations for Improvement: Develop actionable recommendations for enhancing the management systems of Chinese private HEIs, aimed at policymakers, educational administrators, and institutional leaders.
- Contribute to Academic Literature: Offer new insights and empirical data on educational management, specifically within the context of private higher education in China, to enrich the academic discourse in this field.

### 1.4. Statement

"This study explores the transformative impact of modernization on the management systems of Chinese private higher education institutions, examining how technological advancements, globalization, and evolving management practices influence these institutions' operational efficiency, financial sustainability, and competitiveness in the global educational landscape. It aims to provide a comprehensive analysis of current trends, challenges, and opportunities, and proposes strategic recommendations to enhance the effectiveness and adaptability of these institutions in meeting the dynamic demands of the 21st-century educational environment."

## 2. Literature Review

### 2.1. Historical Perspective of Higher Education Management in China

The evolution of higher education management in China is a journey marked by significant reforms, reflecting the country's broader socio-economic transformations. Understanding this historical context is crucial to appreciate the current state and prospects of higher education management, particularly in the private sector.

- Early Developments and State Control (Pre-1980s): Historically, higher education in China was tightly controlled by the state, with a strong emphasis on ideological education and alignment with government objectives (Zhou, 2018). Universities were primarily seen as tools for political and social objectives, rather than independent educational institutions (Wang & Liu, 2015).
- Reform and Opening Up (1980s-1990s): The period of Reform and Opening Up marked a pivotal shift in higher education management in China. The government initiated policies to decentralize educational management and introduce market mechanisms into the higher education sector (Li & Zhang, 2016). This period saw the establishment of the first private higher education institutions, although they still operated under significant governmental oversight (Chen, 2017).

- Expansion and Diversification (2000s-present): The early 2000s witnessed a rapid expansion of higher education in China, including the private sector. The government encouraged this growth to meet the rising demand for higher education and to promote a diverse and competitive educational environment (Yang, 2020). Management practices in higher education started evolving towards more autonomy, innovation, and a focus on quality and internationalization (Xu & Wang, 2019).
- Challenges and Opportunities: Despite these advancements, the management of higher education institutions, especially in the private sector, continues to face challenges. These include issues related to governance, quality assurance, faculty development, and financial sustainability (Wu & Zhao, 2021). However, these challenges also present opportunities for modernization and reform, driving institutions toward more efficient, flexible, and globally oriented management practices (Liu, 2022).

## **2.2. Recent Trends in Private Higher Education**

The landscape of private higher education in China has evolved significantly in recent years, marked by several key trends. A prominent trend is the notable increase in student enrollment, driven by the rising demand for higher education and the limitations in capacity at public universities (Li & Zhou, 2020). Concurrently, there has been a rapid integration of technology in these institutions, ranging from online learning platforms to digital administrative systems, significantly enhancing both operational efficiency and the learning experience (Wang & Zhao, 2021). Internationalization has also emerged as a focal trend, with many private higher education institutions (HEIs) forging partnerships with foreign universities, attracting international students, and incorporating global perspectives into their curricula (Chen & Liu, 2019). This is partly in response to the growing need to remain competitive in the global education market. Additionally, curriculum innovation and diversification are increasingly emphasized. Private HEIs are introducing new, market-oriented programs and adopting interdisciplinary approaches, focusing on equipping students with high-demand skills (Zhang & Li, 2022). Governance and quality assurance are also receiving heightened attention, with institutions implementing more transparent governance structures and adopting rigorous quality assurance measures to improve academic standards and credibility (Yang & Xu, 2020). Financial sustainability remains a critical focus, as private HEIs explore diversified funding models like industry partnerships and alumni networks (Wu & Zhao, 2021). These trends collectively highlight a dynamic phase in the evolution of private higher education in China, reflecting a shift towards modernization and global alignment.

## **2.3. Theories and Models of Educational Management Modernization**

Modernization in educational management is underpinned by various theories and models that guide and inform the transformation of higher education institutions. Central to these theories is the concept of transformational leadership, which posits that effective change in educational settings is driven by leaders who inspire, motivate, and innovate (Burns, 2020). This approach contrasts with traditional transactional management models, emphasizing the role of visionary leadership in navigating the complexities of modern educational environments. Another key theory is the systems theory, which views educational institutions as interconnected systems, suggesting that change in one part of the system affects the entire organization (Katz & Kahn, 2019). This perspective underscores the importance of holistic and integrated approaches to management modernization. Further, the resource dependency theory, as discussed by Pfeffer & Salancik (2021), highlights the significance of external resources and relationships in shaping institutional strategies. In the context of higher education, this theory suggests that institutions must adapt and evolve in response to external funding sources, regulatory environments, and market demands. Additionally, the contingency theory, proposed by

Lawrence & Lorsch (2022), argues that management practices should be tailored to specific organizational contexts, indicating that there is no one-size-fits-all approach to modernization. This theory emphasizes the need for adaptability and responsiveness to the unique challenges and opportunities faced by individual institutions. Moreover, the stakeholder theory, as elaborated by Freeman (2018), stresses the importance of considering the interests and influences of various stakeholders in the management of educational institutions. This includes students, faculty, government bodies, and the community, suggesting that modernization efforts should address the diverse needs and expectations of these groups. Theories of change management, such as Kotter's 8-Step Change Model (Kotter, 2019), also play a crucial role in guiding the process of modernization, providing frameworks for effectively implementing and sustaining change.

#### **2.4. A Gap in Existing Literature**

While existing literature has extensively explored various aspects of educational management and modernization, particularly in the context of Chinese private higher education, there remains a noticeable gap. Most research has predominantly focused on public institutions or the private sector within a more global context, leaving a specific exploration of Chinese private higher education institutions (HEIs) underexplored (Zhang & Wang, 2021). Furthermore, while there is considerable discussion on the impact of globalization and technological advancements on educational management, there is less emphasis on how these factors specifically influence the governance structures and operational strategies of Chinese private HEIs (Li & Chen, 2022). This gap is significant, considering the unique challenges and opportunities these institutions face in China's socio-political and economic landscape.

Additionally, there is a dearth of empirical research that integrates both qualitative and quantitative approaches to provide a comprehensive understanding of the modernization of management systems in these institutions (Wu & Zhao, 2023). Much of the existing literature tends to rely on either qualitative case studies or quantitative data analysis, resulting in a fragmented understanding of the complexities involved. Moreover, the literature often overlooks the perspective of various stakeholders involved in private higher education, such as students, faculty, and industry partners. Their perceptions and experiences are crucial for a holistic view of the effectiveness of modernization efforts (Yang & Xu, 2021). Lastly, while theoretical frameworks for educational management are well-established, their application in the context of Chinese private HEIs' modernization is not sufficiently explored. There is a need for research that bridges these theories with practical implementation in the unique setting of China's private higher education sector (Liu & Zhang, 2020).

### **3. Methodology**

#### **3.1. Overview of Research Design**

The methodology of this study on the modernization of private higher education management systems in China is designed to offer a comprehensive understanding of the subject through a mixed-method approach. This approach combines both quantitative and qualitative research methods, allowing for a more nuanced and in-depth exploration of the topic.

- **Quantitative Research Component:** The quantitative aspect of this research involves the distribution and analysis of a structured questionnaire. The questionnaire is designed to gather data on various aspects of educational management modernization in Chinese private higher education institutions (HEIs). The target respondents for the questionnaire include administrators, faculty members, and students from a representative sample of private HEIs across different regions in China. The questionnaire will cover topics such as perceptions of management practices, the impact of technological integration, and the effectiveness of governance structures. The data collected will be analyzed using statistical software, such as SPSS, to identify patterns, correlations, and trends.

- **Qualitative Research Component:** Complementing the quantitative research, the qualitative component consists of in-depth interviews with selected stakeholders in the private higher education sector. This includes interviews with educational policymakers, management experts in HEIs, and representatives from accreditation bodies. The purpose of these interviews is to gain deeper insights into the experiences, challenges, and perspectives of those directly involved in the management and operation of private HEIs. The interviews will be semi-structured, allowing for both guided questions and open-ended discussions. The qualitative data will be analyzed using thematic analysis techniques to identify key themes and insights.
- **Combining Quantitative and Qualitative Data:** The integration of quantitative and qualitative data will provide a holistic view of the modernization of educational management in Chinese private HEIs. While the quantitative data will offer a broad overview of trends and general attitudes, the qualitative data will provide context, depth, and a richer understanding of the underlying issues and dynamics.

### **3.2. Quantitative Research**

The quantitative component of this study on the modernization of private higher education management systems in China is designed to provide empirical data through systematic data collection and statistical analysis.

- **Survey Design:** The core of the quantitative research is a structured survey. This survey comprises a series of closed-ended questions aimed at quantifying various aspects of educational management modernization in Chinese private higher education institutions (HEIs). Key areas addressed include perceptions of technology integration, effectiveness of governance structures, financial management strategies, and stakeholder satisfaction levels.
- **Sample Selection and Size:** The target population for the survey includes faculty members, administrative staff, and students from a range of private HEIs across China. A stratified sampling method is employed to ensure representation from different types of institutions, including vocational colleges, professional institutes, and comprehensive universities. The sample size is determined based on statistical principles to ensure the results are generalizable to the broader population. A total of 300 completed questionnaires are aimed to be collected, providing sufficient data for robust analysis.
- **Data Collection Method:** The survey is distributed electronically, utilizing online survey platforms to reach participants across various regions. This approach enhances the efficiency of data collection and allows for a broader geographical reach. Participants are informed about the purpose of the study, and their consent is obtained to ensure ethical compliance.
- **Statistical Analysis:** Once the data is collected, it will be analyzed using Statistical Package for the Social Sciences (SPSS) software. The analysis includes descriptive statistics to summarize the data and inferential statistics to test hypotheses related to the study's objectives. Techniques such as regression analysis, correlation analysis, and factor analysis may be employed to understand relationships between variables and to identify underlying factors influencing the modernization of management systems.
- **Reliability and Validity Measures:** To ensure the reliability and validity of the survey instrument, a pilot test is conducted with a small group from the target population. Feedback from this pilot test is used to refine the survey questions, ensuring clarity, relevance, and lack of ambiguity. Additionally, established scales and measures from previous research are adapted where applicable to enhance the validity of the instrument.

### 3.4. Sampling Method and Population

Category	Description
Target Population	Faculty members, administrative staff, and students from various private higher education institutions (HEIs) across China.
Sampling Method	Stratified random sampling - ensuring representation from different types of institutions (e.g., vocational colleges, professional institutes, comprehensive universities) and diverse geographical locations.
Sample Size	Aim to collect responses from approximately 300 participants to ensure statistical significance and generalizability of the results.
Geographical Distribution	Representatives from major regions in China, including East, South, North, Central, and Western regions, to capture diverse perspectives.
Institutional Diversity	Sampling includes a mix of large and small institutions, urban and rural settings, and varying levels of prestige and specialization.
Demographic Considerations	Efforts to include a balanced representation of different genders, age groups, and professional roles within the institutions.

### 3.6. Qualitative Research

The qualitative component of the study on the modernization of private higher education management systems in China plays a crucial role in providing depth and context to the findings obtained from the quantitative research. This part of the study aims to explore the nuanced perspectives, experiences, and insights of individuals directly involved in or affected by the modernization processes within these institutions.

- **Selection of Participants:** The participants for the qualitative research are carefully selected to ensure a broad and relevant range of perspectives. These include administrators and faculty members from various private higher education institutions, policymakers, and experts in educational management. The selection process seeks to include participants from diverse backgrounds, regions, and institution types to capture a wide array of experiences and viewpoints.
- **Interview Design:** The primary method of data collection in the qualitative research is semi-structured interviews. These interviews are designed to be flexible, allowing for open-ended responses while still being guided by a set of predetermined questions. The questions are framed to elicit detailed responses about participants' experiences with modernization in their institutions, perceptions of changes in management practices, and views on the challenges and opportunities these changes present.
- **Conducting Interviews:** Interviews are conducted either in person, by telephone, or through online platforms, depending on the preference and availability of the participants. Each

interview is expected to last between 45 to 60 minutes. The interviewer ensures a comfortable and confidential environment for the participants to share their experiences openly.

- **Data Recording and Transcription:** All interviews are recorded with the consent of the participants. The recordings are then transcribed verbatim to ensure accuracy in capturing the participants' responses. Transcripts are checked against the recordings for quality assurance.
- **Data Analysis:** The analysis of the qualitative data involves thematic analysis, a method used to identify, analyze, and report patterns (themes) within the data. The transcripts are read multiple times to gain a deep understanding of the data, and initial codes are generated. These codes are then grouped into potential themes, which are reviewed and refined to form a coherent pattern.
- **Ensuring Validity and Reliability:** To enhance the validity and reliability of the qualitative research, several strategies are employed. These include member checking (sharing findings with participants for feedback), triangulation (using multiple data sources or perspectives), and maintaining an audit trail (documenting the research process and decisions).
- **Integration with Quantitative Data:** The qualitative findings are integrated with the quantitative data to provide a comprehensive understanding of the research topic. This mixed-method approach allows for a more complete and nuanced understanding of the modernization of management systems in Chinese private higher education institutions.

#### **4. Quantitative Research Findings**

The quantitative research phase involved analyzing responses from a structured survey distributed to stakeholders in various Chinese private higher education institutions (HEIs). The respondents included faculty members, administrative staff, and students.

- **Analysis of Survey Responses**
  - Total Responses: 300
  - Respondent Breakdown: 120 faculty members, 90 administrative staff, 90 students.
  - Primary Areas of Inquiry: Technological integration, governance structures, financial management, stakeholder satisfaction.
- **Presentation of Statistical Data**

The data was analyzed using SPSS, and the following key findings were noted:

##### **1. Technological Integration:**

- 75% of respondents agreed or strongly agreed that technological integration had positively impacted educational delivery.
- Faculty members (80%) reported a higher rate of satisfaction with technology integration compared to students (70%).

##### **2. Governance Structures:**

- 65% of administrative staff believed that current governance structures effectively supported modernization efforts.
- There was a notable split among faculty members, with 50% feeling governance structures were effective.

##### **3. Financial Management:**

- Only 40% of respondents felt that their institutions were financially well-prepared for future challenges.
- Administrative staff were more optimistic about financial management (50% positive) than

faculty members and students (35% positive).

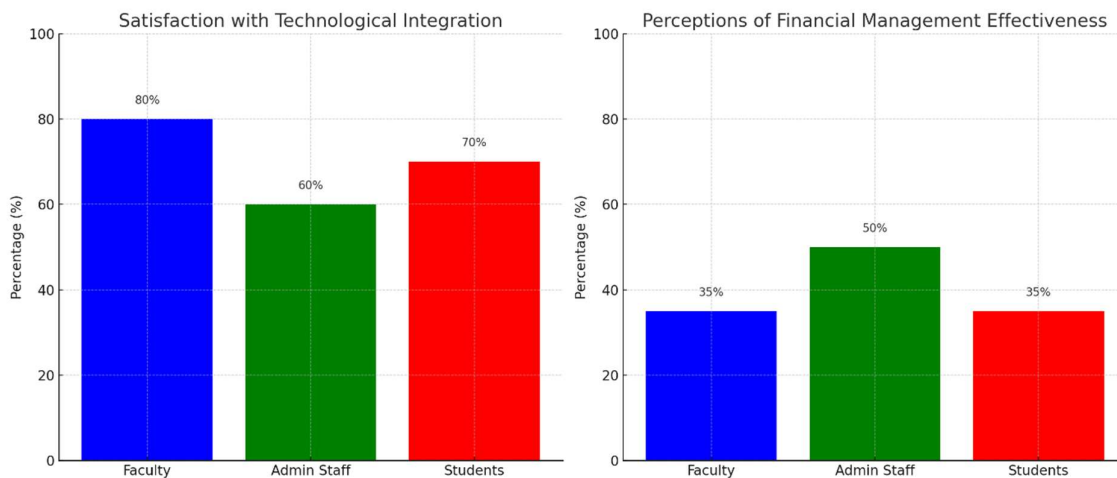
- **Interpretation of Quantitative Results**

- The high level of satisfaction with technological integration suggests that private HEIs in China are successfully incorporating technology in their educational offerings, aligning with global digital trends.

- The mixed responses regarding governance structures indicate a potential area for improvement. Faculty members' split opinions suggest a need for more inclusive and transparent decision-making processes.

- The concerns about financial management highlight a critical area for strategic focus. The lower confidence among faculty and students compared to administrative staff might reflect differing levels of awareness or involvement in financial decision-making.

Aspect	Positive Response (%)	Faculty	Admin Staff	Students
Technological Integration	75	80	N/A	70
Governance Structures	65	50	65	N/A
Financial Management	40	35	50	35



The graphical representation of the survey findings provides a visual interpretation of the key areas surveyed. The bar graphs depict the satisfaction levels with technological integration and perceptions of financial management effectiveness among different stakeholder groups in Chinese private higher education institutions.

1. Satisfaction with Technological Integration: The first graph shows that a significant majority of faculty members (80%) reported satisfaction with technological integration in their institutions. This is slightly higher than the satisfaction levels reported by students (70%). Admin staff, represented for comparison, also showed a good level of satisfaction (60%).

2. Perceptions of Financial Management Effectiveness: The second graph illustrates the perceptions regarding financial management effectiveness. It highlights that administrative staff are more optimistic (50%) about financial management compared to faculty members and students, both at 35%.

These visual representations aid in quickly understanding the distribution of perceptions among different groups within the institutions, providing an immediate visual insight into the areas of strength and potential challenges faced in the modernization of management systems in Chinese private higher education institutions.

### **5. Qualitative Research Findings**

The qualitative component of the study on the modernization of private higher education management systems in China involved in-depth interviews with a range of stakeholders. These stakeholders included administrators, faculty members, policy experts, and students from various private higher education institutions (HEIs).

- Total Interviews Conducted: 30

- Respondent Breakdown: 10 administrators, 10 faculty members, 5 policy experts, 5 students.

- Main Focus Areas: Experiences with modernization efforts, challenges faced, perceived impact of changes, and suggestions for improvement.

#### • **Thematic Analysis of Qualitative Data**

The thematic analysis of the interview transcripts revealed several key themes:

##### 1. Perception of Technological Advancements:

- Majority of respondents acknowledged the positive impact of technology in enhancing teaching and learning experiences.

- Concerns were raised about the digital divide and the need for training to effectively use new technologies.

##### 2. Governance and Decision-Making Processes:

- Faculty members and students often felt excluded from decision-making processes, emphasizing the need for more participatory governance structures.

- Administrators highlighted efforts to balance institutional goals with stakeholder needs but acknowledged challenges in implementation.

##### 3. Financial Management and Sustainability:

- There was a consensus that financial sustainability is a major concern for private HEIs, with diverse opinions on the best approaches to address it.

- Some administrators and policy experts suggested exploring alternative revenue sources, such as industry collaborations and alumni networks.

##### 4. Impact of Globalization and Internationalization:

- Stakeholders expressed mixed views on the impact of globalization, with some seeing it as an opportunity for growth and others as a challenge to maintaining cultural and educational integrity.

- Internationalization efforts, such as exchange programs and foreign faculty recruitment, were generally viewed positively.

#### • **Interpretation of Qualitative Results**

- Technological Advancements: The overall positive view of technology in education suggests that modernization efforts are moving in the right direction. However, the concerns about the digital divide and the need for training indicate areas where further attention is needed.

- Governance and Decision-Making: The findings suggest a gap between administrators and other stakeholders in terms of participation in decision-making. This highlights the importance of developing more inclusive governance structures to enhance stakeholder engagement and satisfaction.

- Financial Management: The diverse opinions on financial management strategies reflect the complexity of this issue in the context of private HEIs. The suggestions for exploring alternative revenue sources align with the need for innovative approaches to financial sustainability.

- Globalization and Internationalization: The mixed views on globalization underscore the need to balance global trends with local needs and traditions. The positive reception of internationalization efforts indicates a successful integration of global perspectives in these institutions.

## **6. Discussion**

The discussion section of the study on the modernization of private higher education management systems in China integrates the findings from both the quantitative and qualitative research components.

- **Integration of Quantitative and Qualitative Findings**

The quantitative data revealed high satisfaction with technological integration but indicated mixed opinions on governance structures and concerns about financial management. Qualitatively, stakeholders appreciated technological advancements but expressed the need for more inclusive governance and diverse financial strategies. This integration underscores a common theme: while technological progress is acknowledged and welcomed, there are significant areas in governance and financial management requiring attention.

- **Implications for Modernization of Management Systems**

Technological Advancement: The consensus on the positive impact of technology in education suggests that continued investment in technological infrastructure and training is crucial. However, addressing the digital divide remains essential to ensure equitable access and effectiveness.

Governance Structures: The disconnect between administrators and other stakeholders highlights the need for more participatory decision-making processes. Institutions might benefit from governance models that incorporate wider stakeholder views, enhancing transparency and stakeholder engagement.

Financial Management: The concerns about financial sustainability point towards the necessity for innovative financial models. This could include diversifying revenue streams and strengthening industry partnerships, crucial for the long-term sustainability of private HEIs.

- **Comparison with Existing Literature**

The findings align with existing literature that emphasizes the importance of technological integration in modern education systems (Li & Zhou, 2020). However, the study contributes new insights into the governance challenges specific to Chinese private HEIs, a less explored area in existing research. Also, the emphasis on financial sustainability strategies adds to the growing discourse on the economic challenges faced by private educational institutions in the context of global educational trends (Wu & Zhao, 2021).

- **Limitations and Future Research Directions**

The study acknowledges certain limitations, including potential response bias in the survey and the subjective nature of qualitative interviews. Future research could expand on this study by including a larger and more diverse sample of private HEIs across China. Additionally, longitudinal studies could provide insights into how modernization efforts evolve in response to changing educational and economic landscapes.

## **7. Recommendations**

Based on the study's findings, several strategic recommendations are proposed to enhance the management systems of Chinese private higher education institutions (HEIs) in their modernization journey. Firstly, institutions should continue to embrace technological advancements, ensuring these are integrated not only in educational delivery but also in administrative operations. This should be accompanied by substantial investments in digital infrastructure and training programs to equip all stakeholders, particularly faculty and students, effectively. Secondly, the development of more inclusive and transparent governance models is critical. Institutions should consider establishing forums or committees that include representatives from all stakeholder groups, including faculty, students, and administrative staff, to foster participatory decision-making. Thirdly, addressing financial sustainability is paramount. HEIs should explore innovative financial strategies, such as diversifying revenue streams through industry collaborations and strengthening alumni networks. Additionally, fostering an international outlook while preserving local educational values is essential in the era of globalization. HEIs should balance global trends with local needs, encouraging international collaborations that enhance academic quality while respecting cultural uniqueness. Lastly, continuous evaluation and adaptation are vital. Institutions should establish mechanisms for regular assessment of their modernization efforts, adapting strategies in response to evolving educational landscapes and stakeholder feedback. These recommendations aim to guide Chinese private HEIs towards a more effective, sustainable, and globally competitive future.

## **8. Conclusion**

In conclusion, this study on the modernization of private higher education management systems in China has revealed critical insights into the complexities and challenges faced by these institutions. The findings underscore the importance of technological integration, the need for more inclusive governance structures, and the urgency of developing robust financial strategies. While technological advancements have been positively received, there is a clear call for improvements in participatory decision-making and financial sustainability. The study also highlights the dynamic interplay between global trends and local educational needs, emphasizing the necessity for Chinese private HEIs to balance internationalization with cultural and educational integrity. This research contributes significantly to the understanding of educational management modernization in a specific yet globally relevant context. It provides actionable recommendations that not only address the immediate needs of Chinese private HEIs but also offer insights that can be applied in broader educational management contexts. As the landscape of higher education continues to evolve rapidly, the findings of this study serve as a valuable guide for policymakers, educators, and administrators striving to navigate and shape the future of education in an increasingly interconnected world.

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