Preserving Sacred Heritage at the Royal Palace of Yogyakarta Through Digital Innovation

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The Asian Conference on Media, Communication & Film 2025
Official Conference Proceedings

Abstract

The Royal Palace of Yogyakarta (Kraton Jogja) is 260-year-old Javanese monarchy and living cultural institution. Located in Yogyakarta–the sister city of Kyoto–The Palace, which is traditionally rooted in hundreds of sacred heritage; ceremonies, way of life, heirlooms, beliefs, etc., initially faced resistance to digital adoption due to concerns over preserving cultural sanctity. These sacred heritage and inherent values within The Palace were previously known only to a limited audience, largely due to the absence of digital transformation, which is the primary focus of this paper. Despite this, the integration of digital exposure does not eradicate its authenticity. Using a mixed-method approach including literature review, stakeholder interviews, firsthand field experience, and digital platform analytics, this research investigates The Palace's evolving digital strategy. Since launching its Instagram account in 2014, followed by YouTube, an official website, manuscripts digital archive, and TikTok, Kraton Jogja has grown into a trusted source of cultural knowledge and community engagement including its digital ecosystem all over the world. The findings affirm that digitalization acts as a tool for dissemination rather than dilution. It preserves sacred traditions while setting clear boundaries between what is publicly shared and what remains within institutional privacy. Moreover, this approach differentiates modernization from westernization, emphasizing local values and indigenous frameworks. All of which reinforce its role as a dynamic cultural epicenter. The paper concludes by highlighting the urgent need for digital archiving in safeguarding intangible heritage, and it considers future possibilities such as the use of artificial intelligence in long-term heritage/cultural conservation. Ultimately, The Palace's digital journey illustrates how tradition and innovation can coexist to ensure continuity across generations. It ultimately affirms that tradition and technology need not exist in opposition, but can coalesce to uphold cultural legacy in the digital age.

Keywords: Javanese kingdom, the royal palace of Yogyakarta, Yogyakarta monarch, culture preservation, digital heritage

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Introduction

The Heritage Imperative and Modernization Philosophy

The Karaton Ngayogyakarta Hadiningrat (Keraton Yogyakarta) or the Palace of Yogyakarta stands as a vital and extensive repository of sacred Javanese heritage, culture, and philosophy. The Palace's holdings encompass thousands of items of both tangible and intangible heritage, ranging from over 700 manuscripts and written documents held in the Widya Budaya Library to traditional dances, musical instruments, weaponry, and spiritual beliefs.

Furthermore, the Keraton executes more than 100 annual traditional ceremonies and rituals, known as *Hajad Dalem*, supported by a dedicated staff of approximately 3,000 *Abdi Dalem* (Palace Servants/Officials). The term Hajad Dalem (Royal Vows/Offerings) refers to the entire corpus of traditional ceremonies and commemorative rituals executed by the Keraton. These ceremonies primarily serve three major commemorative and celebratory functions:

  a. Islamic Holy Days: The majority of Hajad Dalem center around the Islamic calendar, particularly commemorating major dates such as: Garebeg: The largest and most prominent rituals, held three times a year to mark important Islamic occasions: Garebeg Mulud (commemorating the birth of Prophet Muhammad), Garebeg Sawal (marking the end of Ramadan/Idul Fitri), and Garebeg Besar (marking Idul Adha/the Festival of Sacrifice). These events famously feature the Gunungan (mountain-like offerings of food and crops), symbolizing royal prosperity and generosity.
  b. Malam Selikur (The 25th Night): The special night prayer and pilgrimage during the fasting month of Ramadan.
  c. Royal and Dynastic Commemorations: These rituals honor the reigning Sultan and the founding of the dynasty.
  d. Tingalan Jumenengan Dalem: The annual commemoration of the reigning Sultan's accession to the throne, marked by solemn processions and offerings.
  e. Labuhan: An annual offering ceremony conducted at specific sacred sites (the South Sea, Mount Merapi, and Kahyangan Dlepih) to express gratitude and seek safety and harmony for the Sultan, the Palace, and the realm.
  f. Life Cycle and Pusaka (Heirloom) Rituals: Smaller, more frequent rituals dedicated to the care and maintenance of sacred objects and the observance of traditional Javanese calendrical cycles, ensuring cosmic balance.

These ceremonies are vital as they embody the philosophy of the Sultan as the cultural and spiritual leader (*Sayidin Panatagama Khalifatullah)*, linking the Palace, the people, and the divine order. The successful execution of the Hajad Dalem and the daily operation of the Keraton rely on a dedicated staff of approximately 3,000 Abdi Dalem (Palace Servants or Officials). Serving as an Abdi Dalem is an honor and a dedication to the cultural and spiritual values of the Keraton. Their duties are divided based on their designated Kanca (departments) and Golongan (status/rank).

Male Abdi Dalem generally handle duties that require physical strength, public visibility, or administrative authority:

  1. Security and Protocol: Serving in the Kanca Kawedanan Hageng Punakawan (Internal Security and Royal Guard) or Kanca Gedhong Kiwa/Tengen (Administrative Affairs), ensuring the safety of the Palace and managing ceremonial procedures, including guarding the Pusaka (heirlooms) and leading processions.

2. Art and Documentation: Working in areas like Kanca Widyabudaya (Culture and Research), managing archives, documenting ceremonies, and preserving traditional art forms such as Gamelan music and Wayang performance.
3. Clerical and Technical: Handling general administrative tasks, maintenance, and specific technical roles within the various departments, like Tandha Yekti (IT and Documentation).

Female Abdi Dalem predominantly manage domestic, ritualistic, and spiritual aspects of the Palace life:

1. Ritual Preparation and Service: Their primary roles, often in the Kanca Kawedanan Hageng Punakawan or Gedhong (Household), involve preparing the ceremonial offerings, or Sajen, and the elaborate food known as Ngebluk for the Hajad Dalem. They also manage the preparation of ritualistic necessities for the Sultan and the royal family.
2. Cleanliness and Maintenance: Maintaining the sacred cleanliness of the Palace's inner sanctums, heirlooms, and particularly the royal tombs, a task imbued with deep spiritual significance.
3. Cultural Mentorship: Often serving as cultural mentors or custodians of traditional knowledge, particularly in areas like Javanese etiquette, court dance, and herbal medicine.
4. In essence, the Abdi Dalem structure is a highly sophisticated, voluntary workforce, with men and women fulfilling complementary roles to ensure that the Keraton remains a fully functioning, sacred, and administrative institution, constantly reinforced by the execution of the Hajad Dalem.

For an institution so deeply rooted in tradition, the challenge of preservation and ensuring the continued relevance of its sacred knowledge in the modern age became paramount. The response was a strategic adoption of digital technology, guided by a potent philosophical framework articulated by the royal family: "Technology is not the enemy of culture" (HRH Princess Hayu of Yogyakarta) and, crucially, "Modernization is not Westernization" (His Majesty Sri Sultan Hamengku Buwono X). This perspective posits digital innovation not as a corrosive force, but as an essential, culturally appropriate tool for enduring cultural stewardship.

The Pre-digitalization Context: Bridging Gaps (Before 2012)

Prior to 2012, the Keraton faced several significant challenges concerning communication, accessibility, and cultural outreach. A critical issue was the lack of a credible internal communication platform that could serve as a trusted reference for the public, researchers, and cultural enthusiasts. This contributed to limited public access to the extensive Javanese cultural knowledge held within the Palace walls. Consequently, there existed a perceived or actual disparity between the life lived within the *cepuri* (the inner compound of the palace) and the surrounding general community.

The communication issues faced by the Keraton prior to 2012 were compounded by a serious structural problem concerning information validity and dissemination, severely limiting its cultural outreach potential. Crucially, the public domain was characterized by a proliferation of references regarding the Keraton that were often non-authoritative, conflicting, or demonstrably spurious.

This fragmentation of information created a landscape of unverified knowledge, making it exceedingly difficult for the public, academic researchers, and cultural enthusiasts to discern credible facts from folklore or misinterpretations. This challenge was directly amplified by the fact that the Keraton possessed no official, centrally controlled channel that could serve as a definitive, trusted point of reference.

Anyone seeking to conduct serious research, understand ceremonial procedures, or verify historical details about the Keraton lacked a primary, authoritative source. Consequently, interpretations of the Palace's history, philosophy, and practices were often drawn from secondary, unreliable sources, leading to misrepresentation and the potential erosion of authentic cultural understanding.

This lack of official engagement created a significant cultural deficit. The vital process of Javanese cultural education was severely hampered within this information vacuum, particularly amidst the accelerating pace of globalization and the relentless influx of external cultural trends, or "future trends," which often lacked inherent historical or cultural value. The Keraton, as the epicenter of high Javanese culture, struggled to transmit its profound ethical and philosophical values in a compelling and accessible manner to younger generations competing for attention in the digital age. Furthermore, a widespread perception persisted that the profound knowledge and elaborate events contained within the Keraton were strictly reserved for a limited, internal circle, often perceived as exclusive or esoteric.

A large segment of the general community remained largely unacquainted with the Keraton's depth, unaware that its rituals, courtly arts, and administrative philosophies are richly imbued with historical, educational, and cultural value. The inaccessibility of this knowledge created an artificial barrier, leading to a sense of disconnect between the vibrant life within the Cepuri (inner compound) and the surrounding community.

This environment solidified the notion that the Palace was a repository of static history rather than a dynamic source of living Javanese wisdom, making the implementation of a proactive, modern communication strategy a non-negotiable imperative to break down these barriers and universally disseminate the cultural narrative.

This environment hindered the effective dissemination of Javanese values universally. The need was clear: to proactively engage the wider world and invite them into the cultural narrative of the Palace, using modern tools to dismantle historical barriers without compromising authenticity.

Strategic Digital Implementation and Institutionalization (Post-2012)

The Keraton Ngayogyakarta Hadiningrat's commitment to digital transformation crystallized in 2013, prompted by a pivotal moment: the public dissemination of news surrounding the wedding of Sri Sultan Hamengkubawana X's fourth daughter, GKR Hayu, to KPH Notonegoro. What began as a singular communication requirement quickly revealed the vast potential of digital media in extending the Palace's outreach. The success of this initial venture catalyzed a broader institutional adoption of digital tools and reshaped the Palace's approach to public communication.

The Keraton's digital presence first took form through major social media platforms—Instagram, Twitter, and Facebook. Over the following years, the digital ecosystem expanded

considerably. By 2017, the Palace launched its official YouTube channel and website, which became central hubs for audiovisual storytelling and structured information. This growth continued with the adoption of TikTok and the establishment of a designated portal for press releases and media coordination at **mediacenter.kratonjogja.id**. Together, these platforms form a comprehensive digital infrastructure that allows the Keraton to communicate with diverse audiences while maintaining institutional authority and authenticity.

A crucial turning point in this transformation was the formal establishment of **Kawedanan Tandha Yekti** (The Palace Bureau of Information and Media) in 2015, enacted through a *Dhawuh Dalem* (Royal Decree). Initially assembled to manage communications related to the royal wedding, Tandha Yekti evolved into a permanent structural organ within the Palace. Its inauguration marked a departure from ad-hoc digital activities toward a systematic and sustainable governance model for information management.

Tandha Yekti functions as the Keraton's official center for data, information, documentation, and technological oversight. It operates effectively as an internal media agency, orchestrating an end-to-end content development cycle. This includes formulating annual and monthly editorial themes, conducting regular editorial meetings, drafting narratives, producing audiovisual materials, scheduling publications, ensuring brand and message consistency across platforms, and evaluating monthly performance through statistical analytics. Such a structured mechanism guarantees both the coherence and the long-term sustainability of the Keraton's digital presence.

Figure 1
Digitalisation Project Done by Kawedanan Tandha Yekti's Staff
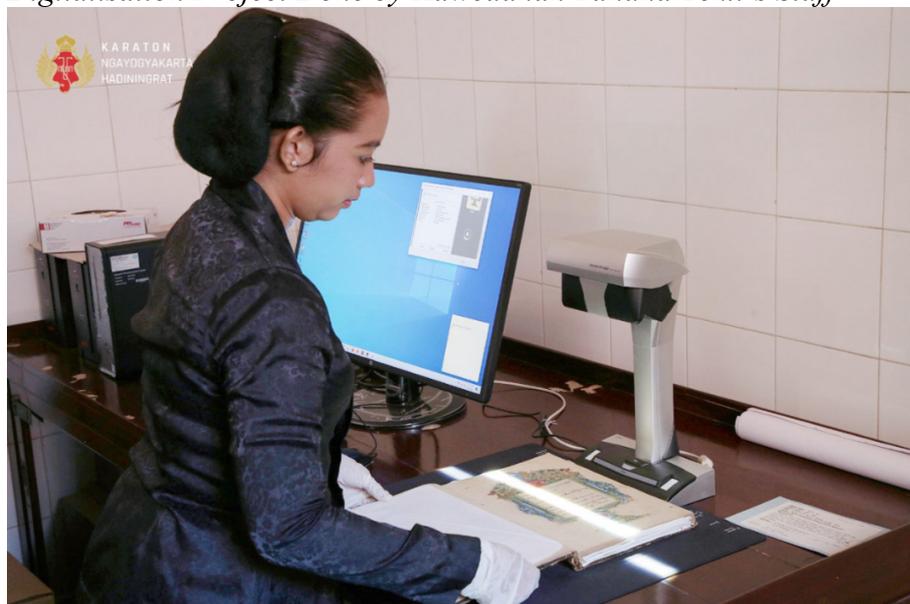
Source: Kawedanan Tandha Yekti

The Evolution of Tandha Yekti: From Administrative Unit to Professional Media Production House

What distinguishes Tandha Yekti is not merely its mandate but its operational sophistication. Over the past decade, the bureau has matured into a professional in-house media production entity whose workflow mirrors the standards of contemporary journalism and digital production studios. Its role extends far beyond basic administration: it curates, interprets, and

communicates the Keraton's cultural knowledge systems to broad and varied publics. The internal structure encompasses specialized roles typically found in established media organizations, content strategists, writers, photographers, videographers, digital archivists, designers, and data analysts. This professionalization ensures that every piece of content is produced with editorial precision, cultural sensitivity, and technical excellence. Its processes, from pre-production planning and field documentation to editing, publishing, and post-release evaluation, reflect an integrated and highly disciplined production ecosystem. Such evolution speaks to a broader institutional vision: the Keraton is not only preserving its cultural heritage but actively shaping how that heritage is understood in the digital age. Tandha Yekti's transformation demonstrates that cultural institutions can maintain intellectual and traditional authority while embracing modern communication paradigms. In doing so, the Keraton positions itself as a leading example of how heritage organizations can strategically negotiate modernity without compromising authenticity.

Personnel and Expertise

A key element in Tandha Yekti's success and high-quality output is the composition of its team. Tandha Yekti's personnel are not exclusively composed of, or limited to, Abdi Dalem (Palace Servants) with traditional statuses; a significant number of its members are seasoned professionals who possess mastery in their respective technical fields.

This strategic blend of traditional loyalty and modern, professional expertise ensures that their approach to IT, documentation, and content creation is both culturally authentic and technologically cutting-edge. The involvement of experienced professionals, particularly in the demanding areas of digital content, information technology, and media management, guarantees that the Palace's digital presence meets contemporary standards of communication.

They operate with a clear division of labor that includes roles comparable to journalists, photojournalists, videographers, and data analysts, all working synergistically to fulfill the communication mandate.

Expansion in Scope and Scale

The substantial growth in the unit's size directly reflects the escalating demands placed upon it. Initially operating with a modest team of fewer than ten members, Tandha Yekti has since expanded significantly to nearly forty personnel. This dramatic increase in staffing is a direct consequence of the unit's evolving duties, expanded responsibilities, and, most importantly, the proliferation of Palace agendas.

As the Keraton (Palace) has become increasingly accessible and visible to the public, both locally and internationally, the sheer volume and complexity of events requiring documentation, immediate publication, and strategic communication have multiplied exponentially. The expanded team is now essential to maintain the high frequency and quality of content required to keep pace with the Palace's heightened public profile and its robust calendar of cultural and diplomatic activities.

Figure 2
Team of Kawedanan Tandha Yekti During Documentation

Source: Kawedanan Tandha Yekti

Archival and Documentation Authority

Within the Palace's organizational structure, Tandha Yekti has now become widely recognized as a pivotal division with primary responsibility for photographic and video archival matters. This designation highlights their indispensable role not merely in content creation but also in the crucial, long-term preservation of the Palace's contemporary history.

Their comprehensive approach to documentation ensures that every significant event, ceremony, and royal activity is captured, cataloged, and maintained with the meticulous standards necessary for historical and cultural record-keeping. This function is vital for future research, exhibitions, and the continuity of the Palace's narrative, establishing the unit as the institutional memory keeper for visual media.

Collaborative and Diplomatic Engagements

In its advanced stage of development, Tandha Yekti's role has transcended internal documentation, blossoming into a vital external communication and liaison unit. The team now actively collaborates with a diverse array of stakeholders, encompassing both domestic and international entities, including various ministries and even engaging in bilateral state-level affairs, particularly concerning Public Relations (PR).

This expanded mandate sees Tandha Yekti acting as a crucial interface, ensuring accurate and consistent messaging in high-stakes public and diplomatic contexts. Whether coordinating media coverage for state visits, managing public perception during cultural exchanges, or providing official photographic documentation for government-level publications, this collaborative function solidifies Tandha Yekti's position as a sophisticated public relations arm of the Palace, capable of navigating complex national and international media landscapes. The ability to engage professionally with these diverse partners underscores the unit's advanced maturity and its indispensable role in projecting the Palace's image and narrative on a global stage.

In summary, Tandha Yekti represents a successful paradigm shift from a traditional documentation office to a dynamic, professionalized in-house media production facility. The

unit's current structure, with its professional personnel, expanded capacity, definitive archival authority, and sophisticated external collaborations, is the fundamental mechanism that guarantees the consistency, quality, and academic rigor of the Palace's digital communication and historical preservation efforts. This evolution is central to ensuring that the cultural heritage and contemporary activities of the Palace are communicated effectively and professionally to a worldwide audience.

The Tandha Yekti also serves as a crucial point of cultural and diplomatic engagement for global leaders and royalty. In these high-stakes scenarios, Tepas Tandha Yekti transcends its role as a mere internal documentation unit, functioning instead as the centralized coordination hub for all official media and public relations activities. This elevated mandate was particularly evident during the visit of His Majesty Emperor Naruhito of Japan on June 21st, 2023.

The Diplomatic Imperative: Emperor Naruhito's Visit

During the Imperial visit, Tepas Tandha Yekti assumed a highly sensitive and critical position as the chief liaison for publication coordination, extending its oversight far beyond the internal palace media channels. They were entrusted with managing and facilitating the access, verification, and dissemination of content not only for Indonesian national media but, crucially, for the accompanying Japanese media delegations. This role required meticulous diplomatic precision:

Content Control and Verification

Tandha Yekti became the sole authoritative source responsible for the capture and verification of all official photographs, video footage, and contextual data related to the Emperor's interactions with the Sultan and the cultural significance of the sites visited. This measure was essential to ensure that all published material accurately reflected the delicate protocol and dignity of the engagement, upholding the specific communication requirements of both the Keraton and the Japanese Imperial Household Agency.

Media Facilitation

The team coordinated logistical access for the media pool, ensuring that photographers and videographers, including those from Japan, adhered to the strict ceremonial guidelines of the Keraton. This proactive management prevented protocol breaches and maintained the solemnity of the event while fulfilling the global demand for immediate, high-quality documentation.

Official Feed Distribution

By controlling the primary visual feed, Tandha Yekti ensured the consistency and quality of the historical record, providing a clean, authoritative visual narrative for the world's press, thus mitigating the risk of misinformation or unverified content entering the public domain.

Figure 3
In House Documentation From Kawedanan Tandha Yekti During Emperor Naruhito Visit

Source: Kawedanan Tandha Yekti

A Crucial Role in High-Level State Documentation

The coordination during Emperor Naruhito's visit is representative of Tandha Yekti's crucial and sustained role in documenting and publicizing all high-level state and royal visits to the Keraton. Over the years, the unit has consistently proven its capability in managing complex communication logistics for diverse international dignitaries.

The unit's specialized expertise in handling sensitive documentation and publication extends to a comprehensive list of world leaders and royal figures who have visited the Palace, including:
- Her Royal Highness Princess Maha Chakri Sirindhorn of Thailand
- The President of the Federal Republic of Germany (e.g., Frank-Walter Steinmeier)
- His Majesty the King of the Netherlands (Willem-Alexander) and Her Majesty the Queen (Máxima)
- Her Majesty the Queen of Denmark (Margrethe II)
- The President of Ukraine (e.g., prior to 2022)
- The President of Singapore
- The Prime Minister of the United Kingdom (e.g., David Cameron, prior to 2023), etc.

In each instance, Tandha Yekti acts as the bridge between traditional Javanese court protocol and modern global media requirements. They effectively manage the dual imperative of preserving the sacred dignity of the Palace while ensuring global accessibility and comprehensive public relations (PR). This crucial function solidifies Tandha Yekti's position not merely as a documentation center, but as an essential diplomatic instrument responsible for curating the Keraton's international image and preserving the visual history of its most significant external engagements.

Temporal Growth Trajectory: Earning Public Trust and Affection

The sustained growth in the follower base over time is arguably the most crucial metric, as it demonstrates that the Keraton is increasingly resonating with the public heart (Mendapatkan

Hati Masyarakat) on a profound, enduring level, moving beyond transient novelty. While specific year-by-year data is proprietary, the growth trend follows a distinct pattern consistent with successful institutional digital campaigns:

1. Initial Uptake (2012–2015): Following the establishment of Tandha Yekti and the launch of official channels, the growth was initially steady but modest, driven largely by local cultural enthusiasts and academic circles. This phase established the platform's credibility as the sole authoritative source.

2. Acceleration Phase (2016–2020): With the consistent digitalization and streaming of major Hajad Dalem (such as Garebeg and Labuhan), visibility exploded. The unique, high-quality, and official documentation of previously unseen rituals attracted a broader national audience interested in cultural heritage. The authenticity of the content differentiated it immediately from unreliable third-party sources.

3. Mass Adoption and Global Reach (2021–Present): The strategic adoption of platforms like TikTok, alongside continuous high-production-value output on YouTube and Instagram, accelerated growth exponentially. The content diversified to include educational segments, interviews with Abdi Dalem, and explanations of Javanese philosophy, appealing to international audiences and younger demographics. This phase cemented the Keraton's relevance in the contemporary cultural dialogue.

The Digital Outreach and Achievements

The strategic digital pivot undertaken by the Yogyakarta Keraton has yielded remarkable and quantifiable results, transforming its social media presence from a nascent effort into a powerful engine for global awareness and cultural engagement. This section details the key metrics that illuminate the Keraton's success in capturing the public's attention and securing a place in the digital landscape, solidifying its role as a relevant cultural institution in the modern era.

The multifaceted content strategy employed by the Palace utilizes a wide range of formats to capture public interest and fulfill its preservation mandate. Content types are highly varied and include: thematic posts, detailed features on *Hajad Dalem* (Royal Ceremonies/Events), profiles of *Abdi Dalem* (Palace Servants), trivia (#askkraton/#tanyakraton), and live reports during activities. This approach has significantly increased the exposure of customary ceremonies and the intrinsic values of life within the inner palace compound (*cepuri*), leading to broader recognition among the general public from diverse demographics.

The results of this digital pivot are remarkable and quantifiable. Over 90% of the Palace's traditional events are now streamed and digitalized, ensuring archival integrity and global accessibility. This has directly led to a significant increase in public awareness, with documented growth of over 60%.

The commercial impact is equally striking, showing a massive increase in online ticketing purchases: visitor numbers soared from approximately 4,000–5,000 visitors per month to an impressive 25,000–30,000 visitors per month. Social media metrics confirm this expansive reach, with, for example, over 450K followers on Instagram, 53K on TikTok, and 225K subscribers on YouTube.

Trend Analysis on Social Media Platforms

The Keraton's success in digital outreach is a function of its ability to strategically adapt traditional content for modern consumption patterns:

1. YouTube: The Archival and Educational Authority: The high subscriber count here is particularly significant. YouTube serves as the Keraton's digital archive, hosting full-length streams of royal ceremonies and detailed, educational series (e.g., Sesorah Dalem, or Royal Addresses). This platform attracts users seeking in-depth knowledge and archival integrity. The engagement metrics (e.g., view duration) often surpass those of similar cultural institutions, suggesting the audience views the Keraton's content as academic-grade material.

2. Instagram: The Visual Narrative and Aesthetic Appeal: The largest follower base on Instagram confirms the platform's role as the primary engine for visual storytelling and immediate public relations. High-resolution photographs and short video snippets effectively convey the majesty and aesthetic beauty of court life, attire, and architecture. This platform fosters direct, emotional connection, allowing followers to feel proximate to the royal family and courtly activities.

3. TikTok: Bridging Tradition and Youth Culture: The rapid growth on TikTok, despite its lower absolute count compared to Instagram, is a critical strategic victory. By adapting complex cultural concepts into short, engaging, and often humorous formats, the Keraton has successfully utilized trend engagement to introduce Javanese heritage to the generation most susceptible to external cultural pressures. This platform demonstrates the Keraton's proactive effort to prevent the educational value of its heritage from being sidelined by global youth trends.

Figure 4
Social Media and Website Data of Kraton Jogja

In conclusion, the social media statistics provide empirical evidence of the profound shift in the Keraton's public identity. The quantified awareness growth of over 60%, the massive surge in physical visitors (from ~4,000 to ~30,000 per month), and the commanding digital audience of over 700,000 followers collectively confirm that the digital pivot has been a triumph of cultural dissemination. It has successfully repositioned the Keraton as an internationally accessible cultural beacon, effectively using modern metrics to gauge the successful re-invigoration of ancient cultural values within the contemporary world.

Beyond internal metrics, the digitalization effort has fostered a larger public dialogue, evident in the proliferation of public accounts and content creators disseminating information about the

Palace, and the expansion of public discussion addressing the Keraton's cultural heritage, supported by an annual academic forum (International Symposium on Javanese Culture since 2019). Furthermore, the Palace has successfully engaged in international diplomacy, as exemplified by the Yogyakarta Royal Orchestra's performance in Kyoto, Japan, and collaborations with foreign embassies.

Challenges and Future Considerations

While the achievements are substantial, the digitization process is not without its ongoing challenges. These include the persistent issue of bridging the disparity in understanding between the communicator and the message recipient, ensuring the universal socialization of Javanese values, and constantly adjusting the communication strategy to align with the changing characteristics and interests of the public. There is also the continuous internal need for upgrading the digital mindset to keep pace with the development of technology and foreign culture. Successfully navigating these challenges requires sustained dedication to data analysis and adaptive content creation, ensuring the digital content remains relevant, resonant, and authentic.

Conclusion

The digital transformation of the Karaton Ngayogyakarta Hadiningrat demonstrates that sacred heritage can not only survive but thrive within the technological landscape of the 21st century. Far from diminishing its sanctity, the Keraton's strategic approach—anchored in the philosophies that *technology is not the enemy of culture* and *modernization is not Westernization*—proves that digital innovation can operate as a sophisticated tool of cultural continuity. Through the institutional strength of Kawedanan Tandha Yekti, the Palace has redefined itself from a historically revered yet largely secluded institution into an accessible, authoritative, and globally resonant cultural epicenter.

The dramatic rise in public engagement—evidenced by exponential visitor growth, robust digital audiences, and heightened international visibility—confirms that well-curated digital exposure can deepen, rather than dilute, cultural reverence. Instead of fragmenting tradition, digitalization has clarified it; instead of widening the gap between the Palace and the public, it has invited a global community into a narrative once confined to the Cepuri. This success positions the Keraton as a pioneering model for cultural institutions navigating the tension between sacred preservation and modern demand.

Looking forward, the Keraton's sustainability hinges on several strategic imperatives: strengthening digital literacy across institutional levels, maintaining rigorous content authenticity amidst fast-evolving platforms, and embracing future technologies—such as AI-driven archiving, immersive environments, and long-term digital conservation frameworks—that can safeguard intangible heritage at unprecedented scales. These steps are not merely technological advancements; they are acts of cultural responsibility.

Ultimately, the Keraton's digital journey affirms a powerful lesson for cultural custodians worldwide: tradition and innovation are not adversaries but vital partners. When guided with philosophical clarity and institutional discipline, technology becomes a vessel through which cultural legacy is not only preserved, but projected confidently into the future. Through this synthesis, the Royal Palace of Yogyakarta ensures that its living heritage continues to inform, inspire, and endure across generations—both within Indonesia and on the global stage.

Acknowledgements

The author gratefully acknowledges The Place of Yogyakarta for the opportunity which has offered invaluable lessons and opportunities for profound growth in appreciating and preserving culture, particularly the inherent Javanese philosophies that consistently serve as a guiding compass in life as a native Javanese person. My sincere gratitude extends to my esteemed co-author, Fani Atmanti, Ph.D., whose initial interest and shared vision were instrumental in bringing this work to fruition, borne out of our ten years of collaborative experience at The Palace. Last but certainly not least, I wish to thank I Nyoman Apraz Ramatryana, Ph.D., for his generous assistance in refining the ideas and structure of the abstract. Thank you all profoundly for your wonderful attention and support.

Declaration of Generative AI and AI-Assisted Technologies in the Writing Process

The author declares that ChatGPT and Gemini AI were used in the preparation of this manuscript solely for minor linguistic refinement, including grammar correction, small sentence-level adjustments to improve clarity, and translation. The software was not used to conduct analysis, create substantive content or draw conclusions. The intellectual content, interpretations and conclusions presented in this manuscript are entirely the author's own.

References

Asean's Next Generation Leader CNA. *GKR Hayu The Princess of Yogyakarta.* (2017). https://www.channelnewsasia.com/watch/aseans-next-generation-leaders-angels/gkr-hayu-indonesia-1589416?view=embed&page=1

Carakatama, K. I. (2009). *Sejarah Keraton Yogyakarta* [The History of the Palace of Yogyakarta]. Narasi.

CNN Indonesia. *Mengenal GKR Hayu, Puteri Keraton Masa Kini*. [The Modern Javanese Noblewoman]. 2020. https://www.youtube.com/watch?v=7L_1B8nEDJw

Daliman, A. (2012). *Upacara Garebeg di Yogyakarta* [The Garebeg Traditional Ceremony in Yogyakarta]. Penerbit Ombak.

Dinas Kebudayaan Daerah Istimewa Yogyakarta. (2009). *Ensiklopedi Kraton Yogyakarta* (1st ed.) [The encyclopedia of The Palace of Yogyakarta]. Pustaka Pelajar.

Her Royal Highness Princess Hayu of Yogyakarta, Head of Kawedanan Tandha Yekti. (2017, March). Yogyakarta.

Ortiz, C. D. (2021). *Social Media Success for Every Brand*. Buana Ilmu.

Suwito, Y. S. (2020). *Keraton Yogyakarta Pusat Budaya Jawa* [The Palace of Yogyakarta: Center of Javanese Culture]. Dinas Kebudayaan Daerah Istimewa Yogyakarta.

Tandha Yekti, Kawedanan. (2017). *Buku Panduan Launching Website kratonjogja.id* [Guideline Book for The Launch of the Kraton Jogja website]. Basonta Printing.

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