

Optimization of Modern Technology in the Cultural Tradition of Butabuh Muli Mekhanai Luwah Lawang in Maghga Putih

**Nuryamin*, Risma Margaretha Sinaga, Muhammad Mona Adha, Pargito,
Novia Fitria Istiawati Mulyadi**
University of Lampung

*Corresponding Author: yaminnur2016@gmail.com

Abstract: The personality that has been attached to a region cannot be separated from the habits formed from the environment and culture that will gradually form a cultural identity. A region must have an identity and personality to maintain its existing characteristics, which can maintain its identity from the influence of other cultures. The presence of information and communication technology, especially smartphones, has an impact on muli meghanai to actively participate in the development of butabuh cultural traditions, this study aims to provide socialization from the globalization of the use of technological media as a means of butabuh cultural traditions to be preserved among adolescents. This scientific article was prepared using the Systematic Literature Review (SLR) method. The results showed that the use of technological media contributed to the butabuh cultural tradition. The use of technological media is claimed to be used as a tool to optimize butabuh culture in the national and international arena.

Article History

Received: 26-01-2024
Reviewed: 19-04-2024
Published: 30-04-2024

Key Words :

Modern Technology,
Muli Mekhanai
Tradition, Butabuh
Culture.

How to Cite: Nuryamin, N., Sinaga, R., Adha, M., Pargito, P., & Istiawati, N. (2024). Optimization of Modern Technology in the Cultural Tradition of Butabuh Muli Mekhanai Luwah Lawang in Maghga Putih. *Jurnal Teknologi Pendidikan : Jurnal Penelitian dan Pengembangan Pembelajaran*, 9(2), 204-213. doi:<https://doi.org/10.33394/jtp.v9i2.10700>



<https://doi.org/10.33394/jtp.v9i2.10700>

This is an open-access article under the [CC-BY-SA License](https://creativecommons.org/licenses/by-sa/4.0/).



Introduction

Cultural globalization is "a series of processes in which the relationship between human mind and mind is relatively independent of geographical areas". From this understanding, it does not rule out the possibility of pop culture that is globalized or called global pop culture, which is a cultural trend in a region that is then popularized and accepted to the world level or global scope. There is an assumption that globalization threatens and can damage the life order of local cultural heterogeneity by ignoring diversity and local wisdom to lead to universality. If homogenization has a stronger appeal, then local culture will be dragged into the flow of globalization, thus posing a threat to unity, existence and loss of identity. Meanwhile, if local culture does not develop, then the opportunity to create local cultural excellence is not carried out, then the ethnic culture of the archipelago is actually utilized by interested outsiders, in the form of "theft" and then modified to suit the interests of the global capitalist economy. (Diah & Setyaningrum, 2018).

Based on this study, culture is a characteristic of a region that must be promoted so that the identity of a nation does not disappear. Indonesia is a country rich in culture, with various tribes, religions, languages, and traditions. As an archipelago consisting of thousands of islands, Indonesia has a variety of cultures that are unique and different in each region. For example, Indonesia has more than 300 ethnic groups with different languages and cultures, such as Javanese, Lampung, Sundanese, Batak, Minangkabau, and many more. With the diversity of cultures in Indonesia, there are also various traditions, customs, arts, music, dances, and culinary specialties in each region. This diversity is one of Indonesia's cultural treasures that needs to be preserved and maintained. Culture is everything related to the copyright, taste, karsa and work of the community (Article 1 point 1 of Law Number 5 of 2017). Law is related to culture and the law itself is a product of culture. The object of cultural promotion is an intellectual work, as an intellectual work it needs to be organized, maintained and saved or in other words it needs to get protection. (AR, 2018).

Lampung is a strategic area located on the island of Sumatra and is the main gate to the entrance of the State capital, of course it has various cultural traditions that must be published so as not to be eroded by the current globalization. Lampung is one of the regions that has a traditional musical instrument called Butabuh. This traditional musical instrument is more commonly found in the coastal areas of Saibatin Lampung. Lampung people who have local wisdom are an internal part that cannot be separated from the daily lives of their people with the inherent title "the earth ruwa jurai". By the 12th century, Lampung art had its own characteristics. However, it did not experience any development. During this period, all necessities were made independently, which meant that fine arts, dance and literature were still underdeveloped. One of them is the butabuh tradition, which was influenced from the pre-historic phase until modern times.

As explained by Nurdin Darsan, "in the coastal areas of Lampung has a background with its history and development as one of the means of spreading Islam in Lampung Province", the Butabuh tradition has been performed for generations since prehistoric times until independence, and is often performed during traditional ceremonies. The art of Butabuh, which is currently growing, serves as social capital for the village community. It is used for the benefit of the government, especially the village administration, and as a place where the youth gather and interact with each other. Over the years, butabuh art has become a part of village life, especially for the Saibathin indigenous group.

Along with the times and the swift flow of information technology and communication, the cultural tradition of butabuh began to be forgotten, especially for teenagers or called muli mekhanai in Lampung language. The erosion of the butabuh cultural tradition is clearly visible in the lack of interest of muli meghanai to participate or participate in the implementation of these activities.

The personality that has been attached to a region cannot be separated from the habits formed from the environment and culture that will gradually form a cultural identity. A region must have an identity and personality to maintain its existing characteristics, which can maintain its identity from the influence of other cultures. Indonesia consists of various ethnic groups that are characterized by language, arts, and customs, so to maintain it, a region must have a strong personality from various other cultural influences. (Dewi, 2014).

The presence of information and communication technology, especially smartphones, has an impact on muli meghanai to actively participate in the development of butabuh cultural traditions, butabuh itself is known as a traditional musical instrument played by

hitting or beating certain musical instruments made of wood, such as drums, drum, tambourine, and the like.

Technological progress is something that cannot be avoided in this life, because technological progress will run in accordance with scientific progress. Every innovation is created to provide positive benefits for human life. Technology also provides many conveniences, as well as a new way of doing human activities. Humans have also enjoyed the many benefits brought by technological innovations that have been produced in the last decade. (Ngafifi & Ngafifi, 2014).

According to Richard E. Rubin, there are several terms and as a reflection of the rapid development of information technology in this day and age, namely the first information explosion, it is very clear that the progress of information technology is so fast that in a matter of seconds there are various kinds of information technology innovations. Second, The flood of information, indeed, if we look at today's information, it can be said or symbolized as a flood, in the sense that on the one hand it has a positive impact but on the other hand it causes disasters for those who are not ready to accept it. Third, Bombarded by information, of course the presence of this information is like an exploding bomb. Fourth, Information overload, this is also inseparable from the swift flow of information so that the information available exceeds the level of community needs (Rodin et al., 2014). Based on this study, this research aims to provide a solution to the globalization of the use of technological media as a means of cultural tradition butabuh muli mekhanai luwah lawang in maghga putih to be preserved among teenagers..

Research Methods

This scientific article was prepared using the Systematic Literature Review (SLR) method. The SLR method is used to identify, review, evaluate and interpret all available research with the topic area of the phenomenon of interest, with specific relevant research questions. In using the SLR method, a systematic review and identification of journals can be carried out. To complete this research, researchers collected journal articles from Google Scholar, SINTA, DOI. The keywords are Modern Technology, Muli Mekhanai Tradition, Butabuh Culture. The articles collected were only articles published from 2012 to 2024. Researchers selected 10 articles that were closely related to the keywords used.

Research Results And Discussion

Research Results

The results of this study using keywords and some article restrictions as above, the number of articles that have been found totals 10 relevant articles. All of these journals are related to the keywords set by the researcher. Table 1 is the result of the literature found by the researcher.

Author & Year	Title	Findings	Research Results
Daryanto Setiawan, 2018	The impact of information and communication technology development on culture	This paper discusses the significant impact of developments in information and communication technology on culture. The article highlights how technological advancements	The development of Information and Communication Technology it self has caused impacts and influences on culture in society, both in the form of

Author & Year	Title	Findings	Research Results
		have changed the methods of communication, with the internet being the main outcome that affects society both positively and negatively. The article also discusses the difference between communication technology and information technology, as well as the evolution of computerization from era to era.	positive and negative impacts. One of the aspects of life that is most affected by this development is the cultural aspect of society which has gradually shifted (Setiawan, 2018).
Arman Syah Putra, 2020	Information technology (IT) as a tool for Islamic culture in the Indonesian archipelago	This paper discusses the role of Information Technology in spreading Islamic preaching in Indonesia. Information Technology can help in spreading Islamic preaching throughout Indonesia through online platforms such as YouTube.	The use of online media in preaching can facilitate the spread of Islamic cultural propaganda at a lower cost (Putra, 2020).
Sigit Suharman, 2016	Determinations of Communication Technology and Media Globalization on Indonesian Cultural Arts	This paper discusses the negative impact of globalization on Indonesian culture, highlighting the waning of cultural norms and the need for foreign cultural filtering while still preserving the nation's cultural heritage. The research emphasizes the importance of organic intellectual participation to free oneself from foreign cultural influences and stresses the preservation of Indonesia's socio-cultural aspects as the nation's identity. In addition, this research also studies the influence of communication technology and media globalization on Indonesian cultural arts, by showing the important role of mass media in shaping people's opinions and behavior, as well as the impact on traditional arts due to globalization.	The influence of globalization on the one hand turns out to have a negative influence on Indonesian culture. The norms contained in the culture of the Indonesian nation are slowly fading. The incessant invasion of technology along with the intrinsic values imposed in it has raised the issue of globalization and ultimately led to new values about world unity (Surahman, 2016).
Ahmad, A. A,	Da'wah, Art and	This paper discusses the	The condition of our

Author & Year	Title	Findings	Research Results
2013.	Learning Technology.	importance of selecting relevant topics for Islamic outreach in Indonesia, outlining media content, scriptwriting, media production, evaluation and packaging. The paper emphasizes the use of good morals, culture, and art in outreach efforts, highlighting art as a form of human expression and information technology as a tool for processing and transmitting information. Various outreach methods are explored, including writing, painting, audiovisual media, and information technology, with Islamic calligraphy and television as effective tools for reaching a wide audience. The integration of computer and information technology is considered essential for effective and engaging outreach efforts that are in tune with technological advances.	society today that lives in the era of globalization is marked by rapid developments in the field of communication and information technology, demanding that da'wah carried out should adjust these developments, for example da'wah is carried out through multimedia, audio visual, internet, mobile phones, and other sophisticated communication tools. The da'wah material is adjusted to the development of educational technology, which in essence is how to easily and effectively teach the community both individually and in groups with the aim of disseminating Islamic da'wah calling people to do good and preventing sin, evil and disobedience (Ahmad, 2013).
Siti Meisyaroh, 2013	Society's Technological Determinism in Social Media	Advances in communication technology and social media have significantly changed people's culture and communication. Humans are increasingly dominated by the technologies they create, leading to the phenomenon of global villages and virtual migration. The concept of technological determinism states that changes in communication technology shape human life, with the presence of social media changing the way people communicate and socialize.	The development of technology gave birth to new media in society, giving rise to trends and lifestyles in terms of culture and communication that are different from the previous ones. The presence of social media changes the way people communicate and culture to be more transparent, innovative, and creative. Technological determinism and social media are interrelated with each other and affect people in their lives (Meisyaroh, 2013).
Meilani, 2014	Cultured through digital media	This paper discusses the importance of preserving	By studying and analyzing cultural elements from

Author & Year	Title	Findings	Research Results
		<p>Indonesian culture through digital media. Culture is the result of the process of community life that becomes the culture of daily life. Culture can be passed down in various ways, but currently the younger generation is more influenced by foreign cultures through digital media so that it becomes a threat to the preservation of Indonesian culture. Therefore, steps are needed to maintain and preserve Indonesian culture through digital media without losing the nation's identity.</p>	<p>outside, problems or cultural obstacles that bombard Indonesian culture, the existing problems can be found a solution. One of them is using an approach that is understood and accepted by the current generation of recipients, namely modern technology with digital media. Hopefully with this writing, the preservation of Indonesian culture will develop not only through conventional media but also through the latest digital media as a means of promoting Indonesian cultural assets (Meilani, 2014).</p>
<p>Dwihantoro, Prihatin Susanti, Dwi Sukmasetya, Pristi Faizah, Rayinda, 2023</p>	<p>Digitalization of Njanen Arts: Cultural Preservation Strategy Through Social Media Platform</p>	<p>The Njanen traditional arts digitization training and mentoring program aims to increase understanding and appreciation of traditional arts among the younger generation. Activities were conducted in stages, focusing on the introduction of digital platforms, digital content production, and content management. Evaluations were conducted to monitor participants' progress, which showed limitations in the use of digital platforms and content production skills. Training sessions were then provided to improve these capabilities. In conclusion, wise digitization of traditional arts is essential to introduce them to a wider audience, especially the millennial generation.</p>	<p>Traditional arts in their performances today need to adapt to technological developments. The utilization of digital platforms as global media needs to be done so that it can reach a wider audience, especially the millennial generation. Currently, the growth of digital media is so fast and easy, providing equal access opportunities for everyone in all parts of the world. With this Njanen art digitization training and mentoring program, the trainees gained new knowledge and understanding regarding digital platforms that can be used as a medium to promote traditional arts, especially Njanen in Seloprojo. In a wise way and still adhering to the principles and attributes of traditional arts,</p>

Author & Year	Title	Findings	Research Results
Jokhanan Kristiyono, 2015	Internet culture: the development of information and communication technology in supporting media use in society	The emergence of the Internet as a new communication medium has been associated with conflicting claims about the emergence of new patterns of social interaction. The idea of virtual communities is advanced as a precursor to social interaction on the Internet. The use of the Internet is so high, it can eventually lead to new social problems that are quite large, for example, the problem of excessive communication using electronics to individuals can reduce the forms of interaction of interpersonal communication relationships, it is even very common to find personal information to someone publicly published using social media status which ultimately makes public space a private space. Media literacy or the level of knowledge in the use of media is very important to be able to use new media properly and wisely.	modifications can be made starting from younger artists, by educating and teaching technology to continue the tradition of ancestral heritage (Dwihantoro et al., 2023). The Internet culture that is developing today is created because there is a synergy of 4 cultures in it, namely, Technocratic culture, Hacker culture, Virtual Communitarians culture and finally Entrepreneurial culture. Media Education or education in using Media is very important to develop media literacy, because if there is no sufficient media education both formal and informal education, the participation and activeness of media users will be the most important factor of a person in using the media starting from freedom of information, rules created for oneself, curiosity and cross-cultural forms of communication. Critical forms and one's ability to creatively use the media will be wrong and can be misused, if media education is not given properly so that it can lead someone to get good media literacy (Kristiyono, 2015).
S, Salman Yoga, 2018	Socio-cultural changes in Indonesian society and the development of communication technology	The development of communication technology is directly related to society, shaping public discourse. Indonesian culture, which is a marriage of all national cultures, undergoes a long process of interaction and acculturation to form a new culture. Technology helps and	This paper discusses how Islam as a source of values and teachings for its people summarizes all the desires and rules of life of its adherents. Technology and culture grow and develop along with the progress of civilization that has the concept of religion and

Author & Year	Title	Findings	Research Results
		provides convenience in various aspects of human life and increases productivity, but also creates problems or impacts on the culture itself. Triggering the level of change and shifting patterns of life from patterns that rely on direct communication to communication using the media, the displacement of local wisdom in the context of customs and broader culture.	state. How this concept becomes an urgent part of socio-cultural change in relation to the Da'wah of Islam and the benefit of the people (S, 2018).
Ahmad Zulkifli, 2021	The Influence of Social Media Tiktok on the Fate of National Culture	The influence of tiktok on culture is very important, where tiktok has become the most widely used social media in the daily lives of several groups. National culture has also experienced a decline due to the trends that appear on TikTok, many of which feature foreign cultures. The lack of awareness of some circles to study culture is another reason why cultural values have begun to decline. As Gramsci, who is famous for his hegemony theory, said that to escape from the grip of foreign cultures, the participation of organic intellectuals is needed, intellectuals who must make people aware, especially the younger generation, not traditional intellectuals who actually legitimize these foreign cultures.	Mass media is a tool that can be utilized to help society in dealing with global currents. Mass media can influence people's thinking and behavior for better or worse. Therefore, globalization will not develop rapidly without the role of mass media. Therefore, it is necessary to maintain the socio-cultural aspects of Indonesia as a national identity. The trick is to filter the culture that enters Indonesia and preserve the nation's culture (Zulkifli, 2021).

Discussion

Transport technology was initiated to help communicate and popularize national culture. Technological media plays an important role in developing cultural socialization by providing various ways to uncover and promote unique cultural values and traditions. By using technology as a communication tool, cultures can be introduced to the wider public and deepen understanding of other cultures. This can strengthen intercultural relations and strengthen social harmonization in an increasingly connected global world.

Culture as a container is a concept that shows that culture can contain and gather various aspects of culture that vary in one unit. In culture, we can find values, traditions, beliefs, art, language, and social governance. All these things come together in a rich cultural container and form a distinctive cultural identity.

In this context, culture becomes a place to store and develop culture over time. It allows people to develop better attitudes, behaviors and understanding of themselves and others. Culture can also be a socializer for society, where values and traditions can be deepened and passed on from generation to generation.

Technology also plays an important role in maintaining and developing culture as a platform. Social media, artworks, and various kinds of digital content can help people to recognize and appreciate the rich and diverse cultural works. In this sense, technology helps prolong the life of culture and ensures that cultural values remain relevant and developed in this modern era.

A society's cultural structure shapes its cultural identity. This structure consists of patterns of perception, thinking and feeling. Cultural identity can be described as a reflection of the common history that unites a group of people, even though they appear different from the outside. Therefore, the cultural identity of a region is the characteristic or identity of its culture that is created and used to introduce a region to others.

Conclusion

In its development, the butabuh tradition which is a cultural identity in the Saibatin indigenous people has undergone changes. Social change and cultural change have the same aspects, both of which concern the acceptance of new ways or an improvement in the way a society meets its needs. the changes that occur are usually progress or regression. These changes occur because they follow the times and technological advances and thoughts that have developed in society, as a follow-up to the butabuh cultural tradition, technological media can be used as a tool to optimize butabuh culture in the national and international arena..

References

- Ahmad, A. A. (2013). Da'wah, art and learning technology. *Journal of Dakwah Tabligh*, 14(1), 75–89.
- AR, Z. A. & A. (2018). Protection of Cultural Advancement Objects according to Law Number 5 of the Year 2017. *Doktrina: Journal of Law*, 1(5).
- Dewi, Ashrafah karina. 2014. Batik Jlamprang Dance as Cultural Identity of Pekalongan City, Central Java. Undergraduate Thesis. Yogyakarta: Department of Dance Education, FBS UNY
- Diah, N., & Setyaningrum, B. (2018). Local Culture in the Global Era. *Journal of Art Expression*, 20(2).
- Dwihantoro, P., Susanti, D., Sukmasetya, P., & Faizah, R. (2023). Digitalization of Njanen Arts: A Strategy for Cultural Preservation through Social Media Platforms. *Madaniya*, 4(1), 156–164.
- Kristiyono, J. (2015). Internet Culture: The Development of Information and Communication Technology in Supporting Media Use in. *Journal SCRIPTURA*, 5(1), 23–30. <https://doi.org/10.9744/scriptura.5.1.23-30>
- Meilani. (2014). Cultivating Culture Through Digital Media. *Journal Of Humaniora*, 5(9), 1009–1014.

- Meisyaroh, S. (2013). Community Technology Determinism in Social Media. *journal of communication and business*, *1*(1), 36–46.
- Ngafifi, M., & Ngafifi, M. (2014). Advances In Technology And Patterns Of Human Life In Socio-Cultural Perspective. *Journal of Educational Development: Foundations and Applications*, *2*(3), 33–47.
- Putra, A. S. (2020). Proceedings of the National Seminar on Information Technology Science (IT) as a Tool for the Syiar of Islamic Culture in the Archipelago of Indonesia. *Prosiding Seminar Nasional Sains*, *1*(1), 567–573.
- Rodin, O. R., Pd, S. I., & Hum, M. (2014). Information technology and librarianship functions. *Al-Maktabah*, *13*, 1–7.
- S, S. Y. (2018). Socio-cultural Changes in Indonesian Society and the Development of Communication Technology. *Al-Bayan Journal*, *24*(1), 29–46.
- Setiawan, D. (2018). Impact of Information Technology Development and Communication on Culture. *Symbolics*, *4*(1), 62–72.
- Surahman, S. (2016). Determinism of communication technology. *Journal of Record*, *12*(1), 31–42.
- Zulkifli, A. (2021). The Influence of Tiktok Social Media on the Fate of National Culture. *Journal of Dialectics, Social and Culture*, *2*(2), 1–14.