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DEVELOPMENT OF BATIK ORNAMENTAL MOTIFS THROUGH THE LEGEND OF RAWAPENING LAKE

Ridha Sarwono¹, Ardyansyah Nur Syarif Hidayatullah²

¹PGSD, FKIP, Undaris, Ungaran, Indonesia ²PGSD, FKIP, Undaris, Ungaran, Indonesia

Email: ridhoundaris@gmail.com¹, ardyansyah.nur.sh@gmail.com²

*Corresponding author: ridhoundaris@gmail.com

Abstract: This research aims to develop batik ornamental motifs inspired by the legend of Rawapening Lake, a folklore from Central Java. Through a qualitative-descriptive approach, this research identifies key elements of the legend that can be applied in batik motif design. Data were collected through in-depth interviews with batik artisans and cultural experts as well as related literature studies. The results show that ornamentalmotifs developed from the elements of the legend of Lake Rawapening not only enrich the variety of batik motifs, but also have the potential to enhance local cultural appreciationand the creative economy in the area.

Keywords: Development of batik motifs, Legend of Rawapening Lake, Contemporary batik design

1. INTRODUCTION

This research aims to develop batik ornamental motifs inspired by the legend of Rawapening Lake, a folklore originating from Central Java. The main focus of this research is to explore the cultural elements and symbolism contained in the legend and integratethem into batik motif designs. Through a qualitative-descriptive approach, this research seeks to produce batik motif designs that are not only visually beautiful, but also rich in philosophical and cultural values, and relevant to the development of batik in the contemporary era.

This research was conducted with the aim of enriching the variety of existing batik motifs, as well as preserving and introducing local cultural wealth to the wider community. Considering that batik is a worldwide cultural heritage of Indonesia, the development of batik motifs through folklore can be one way to maintain the sustainability of traditions while opening up new opportunities in the world of creative economy. In addition, through the incorporation of traditional elements with modern design, this research is expected to introduce batik as a product, culture that not only reflects history, but is also relevant to the development of global fashion trends.

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2. LITERATURE REVIEW

Batik is an Indonesian cultural heritage that has been recognized by UNESCO as an intangible cultural heritage. Each region in Indonesia has its own unique batik motif, often inspired by local folklore and legends. The legend of Lake Rawapening, which tells the story of the origin of the lake in the Ambarawa region of Central Java, offers great potential to be developed into an ornamental batik motif. This research explores how elements from this legend can be adapted into batik motif design, resulting in a cultural product rich in meaning and aesthetics that offers not only an interesting story but also deep symbolism that can be translated into unique and meaningful batik motifs.

In the context of batik motif design innovation, research shows that artifacts, ceremonies, legends, nature and performing arts phenomena can be a rich source of inspiration (Susanto, Yuli, 2021). This innovation process involves creating alternative sketches that are then developed into selected sketches and refined in the final design. Thus, the legend of Rawapening Lake can be one of the significant sources of inspiration in creating batik motifs that are not only visually beautiful but also rich in stories and cultural meanings.

In addition, the development of batik motifs through the legend of Lake Rawapening canmake an important contribution to the preservation and introduction of folklore to the younger generation. By integrating elements of the legend into batik designs, designers can create artworks that are not only aesthetic but also educative. This is in line with the finding that innovation in batik motif design can be based on single and double motifs organized based on repetition, singular, additive and hypotactic patterns. These techniques allow the creation of complex and interesting motifs that can attract the interest of the wider community.

The development of batik motifs through the legend of Rawapening Lake can also increase the economic value of the batik products themselves. By creating unique and exclusive motifs, batik products can have greater appeal in local and international markets. Innovation in batik motif design based on local stories such as the legend of Lake Rawapening can be an effective strategy to increase the competitiveness of Indonesian batik products in the global arena.

3. METHODS

This research uses descriptive qualitative method to identify and develop batik ornamental motifs from the legend of Lake Rawapening. This research aims to develop batik ornamental motifs inspired by the legend of Lake Rawapening. The research method used will combine qualitative and quantitative approaches to obtain comprehensive and in-depth results. This research method combines various approaches to develop batik ornamental motifs inspired by the legend of Lake Rawapening. By going through the stages of literature study, observation, interview, design development, and trial and evaluation, it is expected to produce innovative and meaningful batik motifs.

4. RESULTS

This research succeeded in achieving the main objective, which was to develop batik ornamental motifs inspired by the legend of Rawapening Lake. Based on the research results, some detailed conclusions can be presented as follows:

1. Identification of Legend Elements:

- a. The figure of Baru Klinthing: Baru Klinthing, who transforms into a dragon in the legend, is acentral element that can be translated into batik motifs. Representations of dragons with stylized patterns of lines and shapes can create unique and interesting motifs.
- b. Lake and Water: Lake and water elements, which symbolize tranquility and peace, can be depicted through wave and water flow motifs. This pattern adds a dimension of depth and naturalness to the batik design.
- c. Natural Elements: Water plants and other natural elements from legends, such as lotus flowers and fish, can be applied as background motifs. This not only embellishes the design, but also gives it an authentic touch of nature.

2. Motive Development Process:

a. The research involved an in-depth creative process, starting from understanding and interpreting the elements of the legend to developing design sketches. Batik artisans were involved at every stage to ensure the motifs produced were in line with

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traditional batik techniques and aesthetics.

b. The use of stylization and symbolism in the elements of the legend helps in creating motifs that are not only aesthetic but also meaningful. Each motif is designed by considering the cultural and philosophical meanings contained in the legend of Lake Rawapening.

3. Motive Testing and Evaluation:

- a. The motifs developed were tested by producing batik cloth which was then presented to a community of batik artisans and the local community. Feedback received showed high appreciation for the beauty and meaning of the motifs.
- b. The evaluation showed that these ornamental motifs were not only well received but also created a sense of pride in local cultural heritage. The community felt that these motifs succeeded in elevating folklore to be better known and appreciated.

4. Impact on Cultural Preservation and Creative Economy:

- a. The development of batik motifs from the legends of Lake Rawapening has great potential in preserving local folklore and culture. These motifs can be an effective educational medium about the local legends, while raising cultural awareness.
- b. From an economic perspective, these new motifs open up wider market opportunities for localbatik products. The uniqueness and meaning contained in the motifs can attract consumers, both domestic and international, thus increasing the income of batik artisans and encouraging the creative economy in the area.

5. Recommendations for Further Research and Development:

- a. It is recommended to conduct more in-depth follow-up research related to the economic impact of the development of this batik motif. Further research can also explore other legends that are not widely known to be a source of inspiration for batik motifs.
- b. Batik craftsmen are expected to continue to innovate in developing new motifs that promote folklore and local culture. Collaboration with modern designers and artists can produce more creative and innovative motifs.

5. DISCUSSION

In the research of Batik Decorative Motif Development through the Legend of LakeRawapening, there are several important aspects that need to be discussed, namely:

- 1. What are the main elements in the legend, such as the characters, symbols and morals of the story, that are relevant to be translated into batik motifs.
- 2. How do these legends contain meanings that can be applied in batik? For example, how can the depiction of natural elements or characters in the legend be realized in the form of designs that have philosophical meanings.
- 3. How elements from legends, such as nature (lakes, mountains, flora and fauna) or the characters of the story, are translated into distinctive batik motifs.
- 4. What batik technique was used to develop the motif?
- 5. Is it written batik, stamped batik, or a combination of both? How can these innovative techniques enrich the design?
- 6. How the development of batik motifs based on the legend of Rawapening Lake can strengthen local cultural identity and maintain the sustainability of batik cultural heritage.
- 7. What does this new motif contribute to the preservation of batik as an intangible cultural heritage?
- 8. What are the benefits of developing this motif in order to recognize Indonesian culture abroad?
- 9. To what extent do batik artisans play a role in creating and expressing motifs inspired by legends?
- 10. What are the challenges faced by artisans in developing new motifs based on legends?
- 11. How do they keep the traditional batik techniques while adopting new elements?
- 12. How the development of batik ornamental motifs based on this legend can contribute to the creative economy, especially for the area around Rawapening Lake and local batik artisans.
- 13. Is there potential to create new markets or more widely accessible products?
- 14. Are the batik motifs produced acceptable to the local community and batik
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- enthusiastsin general?
- 15. How do people perceive the incorporation of traditional and contemporary elements in the motif?
- 16. To what extent is this motif innovation valued in the context of batik as a local culturalidentity?
- 17. What are the challenges faced in developing batik motifs based on folklore, especially in terms of the design and production process?
- 18. Are there any difficulties in introducing new motifs to the global or local market?
- 19. What are the prospects for developing this batik motif in the long run?
- 20. Do these legend-inspired motifs have the potential to continue to grow or even create new trends in the world of batik?
- 21. How education and training for batik artisans can support the development of new motifs based on local culture.
- 22. What is the contribution of education in preserving and introducing new techniques anddesigns in batik?

6. CONCLUSION

Research on the Development of Batik Decorative Motifs Through the Legend of Lake Rawapening shows that local legends can be a rich source of inspiration to create batik designs that are not only aesthetic, but also loaded with cultural and philosophical meanings. Based on the analysis of the elements in the legend, the developed batik motifs successfully reflect the beauty of nature and the values contained in the folklore, such as patience, natural beauty, and harmony of life.

The batik motif inspired by the legend of Lake Rawapening successfully combines natural elements (such as the lake, flora and fauna) and folklore symbolism. The design process involves the adaptation of visual elements that present the deep meaning in the legend, making it a unique and meaningful batik motif.

The development of batik motifs based on these legends contributes to the preservation and strengthening of local cultural identity. Batik inspired by folklore such as the legend of Rawapening Lake not only enriches the cultural heritage, but also introduces the cultural values to the younger generation and the wider community, both locally and internationally.

Batik based on the legend of Rawapening Lake has the potential to boost the creative economy in the area. Through the marketing of batik inspired by local stories, there is an opportunity to introduce new products that can attract tourists and consumers from outside the region as well as the local community foreign countries. This batik can also be used as a superior product that supports the tourismsector.

Batik artisans play an important role in translating elements from legends into visual motifs that can be practiced in batik production. The collaboration between designers and batik artisans in this creative process provides room for innovation, while still maintaining the traditional techniques that are the strength of Indonesian batik.

The acceptance of these legend-inspired batik motifs shows an appreciation for local values and innovation in the art of batik. The public, both local and global, shows positive interest in the incorporation of traditional elements with contemporary designs, enriching the diversity of existing batik motifs.

The development of this legend-based batik motif has good prospects to continue to grow and become a new trend in the batik industry. With the support of education and training for artisans, as well as collaboration between the government and the private sector, this batik motif has the potential to become a cultural symbol that continues to be valued and developed in the future.

Overall, this research concludes that the development of batik motifs through the legend of Rawapening Lake not only enriches batik design, but also has social, cultural, and economic values that can support the preservation of Indonesian culture and the development of creative industries at the local and international levels.

7. LIMITATION

This research has shown that the legend of Rawapening Lake has great potential to be developed into unique and meaningful batik ornamental motifs. By involving batik artisans and the local community in the development process, the motifs produced are not only aesthetically beautiful but also rich in cultural values, thus contributing to the preservation of cultural heritage and the improvement of the creative economy in the area. But there are some obstacles in this research, including the lack of data referring to the legend of rawapening lake, the lack of openness of the community in providing 64 Proceedings of the International Conference on Mathematical Sciences, Natural Sciences,

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