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e - Proceedings



Proceeding for International Undergraduates Get Together 2024 (IUGeT 2024)
"Undergraduates' Digital Engagement Towards Global Ingenuity"

1st Edition



Organiser :

Department of Built Environment Studies and Technology, College of Built Environment, UiTM Perak Branch

Co-organiser :

INSPIRED 2024. Office of Research, Industrial Linkages, Community & Alumni (PJIMA), UiTM Perak Branch

Bauchemic (Malaysia) Sdn Bhd

Universitas Sebelas Maret

Universitas Tridianti (UNANTI)

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Tentang Bulan

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ABSTRACT

We were tasked with designing a public pavilion that incorporates a fusion timber design and other elements, with the goal of creating a multifunctional and inclusive space that serves as a focal point for community engagement, cultural expression, and recreational activities. The design process looks into the crucial components and factors, emphasising the significance of sustainability, accessibility, and visual appeal. The design of a public pavilion begins with a thorough analysis of the site context, including its natural surroundings, cultural heritage, and community needs. By understanding the site's unique characteristics and constraints, designers can develop a concept that responds harmoniously to its environment while meeting the functional requirements of the project. Accessibility is a fundamental consideration in the design of the pavilion, ensuring that it is welcoming and inclusive to people of all ages, abilities, and backgrounds. We apply suitable design principles to create barrier-free access, comfortable seating options, and clear wayfinding throughout the space, enabling everyone to fully participate in its activities and events. Cultural sensitivity and expression play a significant role in shaping the design aesthetic of the pavilion. The pavilion offers a variety of flexible spaces that can accommodate a range of activities, from public gatherings and performances to educational workshops and exhibitions.

KEYWORDS: Wau Bulan, pavilion, architecture, public, student hub

DESIGN DESCRIPTION

A traditional Malay kite, the Wau Bulan, has a rich cultural background and an attractive appearance and design that is embodied in the Pavilion Wau Bulan concept design. The building rises majestically from the ground, symbolising the soaring spirit of the Wau Bulan. This pavilion allows people to immerse themselves in the beauty and symbolism of Malaysian traditions, functioning as a cultural hub and gathering place amidst beautiful flora and fauna. The pavilion's outline is a contemporary reinterpretation of the classic kite shape, which was inspired by the Wau Bulan's soft curves and delicate lines. Drawing inspiration from the elegant silhouette of the Wau Bulan kite, the pavilion features a dynamic curved roof structure that mimics the crescent shape, thereby creating a visually striking focal point. Slender columns of wood, timber, and glass support the bamboo roof, which contains a timber plank within. The interior uses natural materials like timber and stone to create a warm and inviting atmosphere that reflects the natural beauty of Malaysia. Surrounded by landscaped gardens and water features, the Pavilion Wau Bulan offers visitors a tranquil retreat from the hustle and bustle of urban life. Pathways meander through lush vegetation, inviting exploration and contemplation. Soft ambient lighting illuminates the pavilion at night, casting a magical glow over the surroundings and creating a sense of serenity and harmony. A pavilion provides a central gathering place for community members to come together for events, meetings, activities, and socializing. They provide people with access to outdoor amenities and green spaces for enjoying leisure time and connecting with nature. In addition,

pavilions provide shelter from the elements and serve as rest areas for individuals seeking refuge from the sun, rain, or wind. They offer a comfortable and accessible space for people to take a break and relax outdoors.



Figure 1: Tentang Bulan

NOVELTY AND UNIQUENESS

The Wau Bulan concept in architecture offers several unique features and characteristics. Wau Bulan-inspired architecture often incorporates dynamic curves and angles that mimic the elegant lines of the kite. These fluid shapes add a sense of movement and grace to the building design, creating a dynamic and visually engaging aesthetic. In keeping with the traditional craftsmanship associated with Wau Bulan kites, Wau Bulan-inspired architecture often incorporates natural materials such as wood, bamboo, and thatch. These materials not only lend a sense of authenticity to the design but also contribute to a sustainable and environmentally friendly approach to architecture. Wau Bulan-inspired architecture is often designed to harmonise with its natural and cultural surroundings. Whether situated in urban or rural settings, these buildings seek to create a sense of place and belonging, enhancing the overall environment in which they are located. While rooted in tradition, Wau Bulan-inspired architecture is also adaptable to contemporary needs and contexts. Whether used for residential, commercial, or cultural purposes, these buildings offer flexible spaces that can be customised to meet a variety of requirements.

BENEFITS TO MANKIND

This pavilion provides spaces where people can gather, socialise, and engage in various activities together. They foster a sense of community by creating opportunities for people to connect, communicate, and build relationships with one another. People can connect with nature in pavilions, leading to numerous health benefits such as reduced stress levels, improved mood, and increased physical activity. Pavilions also provide shade and shelter, making outdoor activities more comfortable and accessible. Pavilions that attract visitors and tourists can have positive economic impacts on the community. They support local businesses, stimulate tourism-related activities, and create opportunities for entrepreneurship and job creation.

COMMERCIAL POTENTIAL

Wau Bulan's unique design attracts people and contributes to the preservation and promotion of Malaysian cultural heritage. It guarantees the transmission of traditional knowledge and practices to future generations, thereby preserving Malaysia's rich cultural legacy. The pavilion's large size enables it to accommodate more people, provide a variety of activities, and enhance visibility from a distance. Also, it allows for better circulation of air and movement of people, enhancing comfort, especially in crowded environments. The pavilion serves as a community and student hub where people and students can gather for events, classes, etc., which indirectly fosters social connections and strengthens community ties.

CONCLUSION

We believe the idea behind the Wau Bulan Pavilion is a priceless chance to honour and maintain Malaysia's rich cultural legacy. The Wau Bulan is often seen as a symbol of unity and harmony. Incorporating this concept into a pavilion design can serve as a unifying symbol for people of diverse backgrounds, fostering a sense of inclusivity and solidarity within the community. By adopting this idea, we support economic growth, encourage community involvement, boost tourism, and foster the Wau-making legacy. The Pavilion offers sustainability potential and advantages to both locals and visitors, while also serving as an artistic and educational platform that can promote understanding of Malaysian culture. All things considered, the Wau Bulan Pavilion idea embodies the values of community empowerment, profitability, and cultural preservation.

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Sekian, terima kasih.

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