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Cawangan Perak

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

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Publication date :

October 2024

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Perpustakaan Negara Malaysia

Cataloguing in Publication Data

No e- ISBN:

e-Proceeding IUGeT 2024 1st Edition

e ISBN 978-967-2776-40-6



Unit Penerbitan UiTM Perak.

Cover Design: Muhammad Anas Othman
Typesetting : Arial

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A Glimpse into Regal Heritage: ILM' LOKA

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ABSTRACT

Purpose

This idea of a pop-up installation in University Technology MARA, Perak, Malaysia is conceived as a development of a temporary educational venue focused on the architecture of Malay Royal adornments. Designed with sustainability in mind, the space merges the natural elegance of timber with a modern aesthetic welcoming environment for learners. This pop-up is intended to both educate and inspire, providing and distinctive opportunity to delve into the detailed artistry and cultural importance of these traditional artefacts.

Design Approach

The timber retreat will offer an engaging and immersive experience for students through a series of interactive displays such as the transformation from traditional architecture to modern architecture. The design of the space incorporates insights from a thorough site analysis to implement passive design strategies such as natural ventilation, effective shading mechanisms and thoughtful material choices. The selection of timber, valued for its thermal efficiency and visual charm, aligns seamlessly with the project's dual objectives of educational enrichment and sustainability. By leveraging timber's natural properties and integrating innovative design solutions, the retreat aims to foster a dynamic learning environment. This environment not only enhances students' understanding of Malay rich architectural heritage but also demonstrates the practical application of sustainable design principles in educational settings.

Target audience

Our primary target audience for the Timber Pop-up includes lecturers and students, who will benefit immensely from this educational initiative. Designed with both academic and practical needs in mind, the retreat aims to provide a rich, interactive learning environment tailored specifically to educators and learners. Lecturers will find valuable resources and innovative teaching tools that facilitate a deeper understanding of Malay Royal architecture. Through immersive experience, the Timber Retreat will serve as a dynamic platform for educational growth, fostering a greater appreciation of Malay architecture.

Advantages

The Timber Pop-up offers numerous advantages for both lecturers and students in the context of architectural heritage. For lecturers, the retreat presents real-world examples of integrating traditional craftsmanship with contemporary sustainable design. It enables educators to enrich their lessons with tangible examples of how architectural elements can reflect and preserve architectural heritage. For students' advantage, the immersive environment of the retreat allows students to engage actively with cultural artefacts and design principles, promoting a more profound understanding of architectural heritage and sustainability.

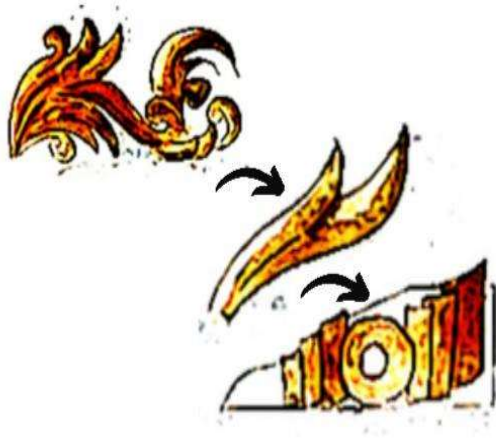


Figure 1: Design morphology

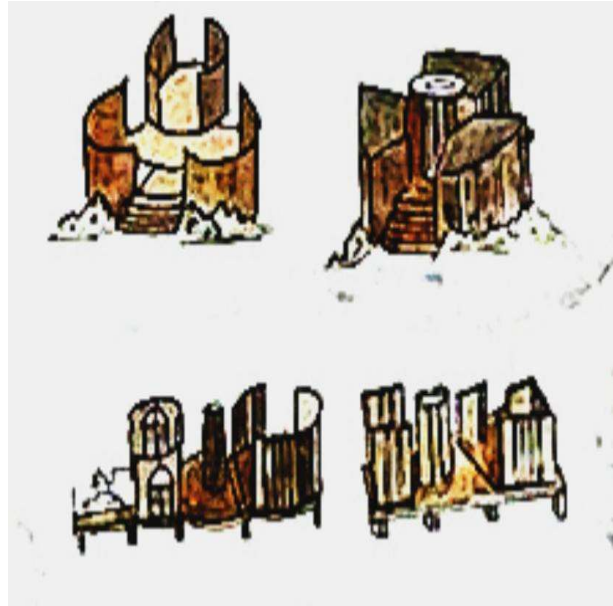


figure 2: Design process

NOVELTY AND UNIQUENESS

The proposed open space for exploring Malay Royal architecture embodies both novelty and uniqueness by seamlessly blending traditional and contemporary design in the interior spaces. The novelty of this space lies in its innovative approach to bridging the past and present, offering a dynamic platform that past and present, offering a dynamic platform that reinterprets historical architectural features through modern lenses.

BENEFITS TO MANKIND

A space that showcases the Malay Royal architecture serves multiple purposes which can preserve and promote the unique architectural heritage of these towns, raising awareness of their historical and cultural significance thus enabling university students to gain valuable insights into traditional Malay architectural evolution. The exhibit engages outs the public, fostering an appreciation for the towns' architectural beauty and context. It also attracts tourists, boosting local economies and encouraging cultural exchange. Additionally, it supports interdisciplinary research across history, architecture and cultural studies, hence enriching academic discourses.

COMMERCIAL POTENTIAL

The pop-up exhibition on Malay Royal architecture at UiTM Seri Iskandar presents a unique market opportunity by capitalizing on the growing interest in cultural heritage and architecture. With its focus on niche subjects, it holds a competitive advantage through exclusive content and educational value. The business model can encourage students from UiTM to come and gain educational knowledge. Cost analysis will centre on venue, materials and marketing while profit margins can be optimized by controlling expenses and maximizing visitors' engagement. Adherence to regulatory compliance and obtaining necessary certifications ensures a reputable event. Intellectual property strategy will protect property content and design, fostering a unique and legally secured presentation.

CONCLUSION

In conclusion, the proposed temporary educational venue is a groundbreaking blend of traditional Malay Royal adornments and modern sustainable architecture. Utilizing timber for its thermal efficiency and visual appeal, the design honours historical craftsmanship while incorporating contemporary environmental practices. The integration of passive design strategies such as natural ventilation and shading mechanisms ensures an optimal learning environment, aligning with the project's commitment to both sustainability and educational enhancement. This pop-up will provide a transformative experience for lecturers and students, bridging historical and modern architectural practices. It offers a unique platform for exploring Malay Royal architecture, deepening understanding of architectural heritage and sustainable design. The venue's innovative approach will serve as a valuable case study for interdisciplinary research across history, architecture, and cultural studies, enriching academic lessons. Overall, the project exemplifies how educational spaces can embody the principles they teach, setting a precedent for future architectural and educational design endeavours.

ACKNOWLEDGEMENT

We would like to extend our heartfelt gratitude to our advisor, En. Mohd Farid Al - Hakeem bin Yuserrie, whose exceptional guidance and unwavering support have been pivotal throughout this project. Your insightful feedback and encouragement have greatly enriched our project and our personal growth. We are also deeply thankful to the organizers of the competition for providing a platform that has allowed this innovative concept to be showcased. Your dedication to fostering creativity and excellence in design is sincerely appreciated. Finally, thanks go to this ourselves, whose collaboration, enthusiasm, and shared commitment have been invaluable. Our teamwork and dedication have made this journey both rewarding and enjoyable, and we are really grateful for each of our contributions in bringing this project to fruition.

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<https://doi.org/10.1017/s1380203807002127>

Surat kami : 700-KPK (PRP.UP.1/20/1)

Tarikh : 20 Januari 2023

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Saya yang menjalankan amanah,

SITI BASRIYAH SHAIK BAHARUDIN
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