



UNIVERSITI
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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

Universitas Sebelas Maret

Universitas Tridinanti (UNANTI)

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Avian Retreat

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ABSTRACT

“Avian Retreat” is a timber-based pavilion that can be used as a shelter for studying, chilling out, picnicking, and outdoor activities in parks. It provides a covered, open space for UITM students to do group studies and unwind. This pavilion is not only built for students, but it also welcomes the general public as it is located outside the UITM. Avian Retreat also offers a seating area with charger ports, allowing visitors to charge their devices while working.

KEYWORDS: Feather roof, stair, relaxing, glass, study area

DESIGN DESCRIPTION

“Avian Retreat” suggests a structure designed to evoke the essence or atmosphere associated with birds or avian life. In the context of a timber pavilion using bird feathers as a concept, “Avian Retreat” implies a space that provides a sense of sanctuary, tranquillity, or natural beauty reminiscent of bird habitat or environments. It’s a place where one can escape into nature and experience a connection with the avian world, whether through design elements or the overall ambience of the space.

PROJECT AND PROCESS

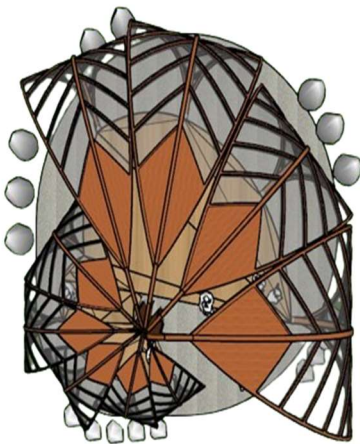


Figure 1: Layout

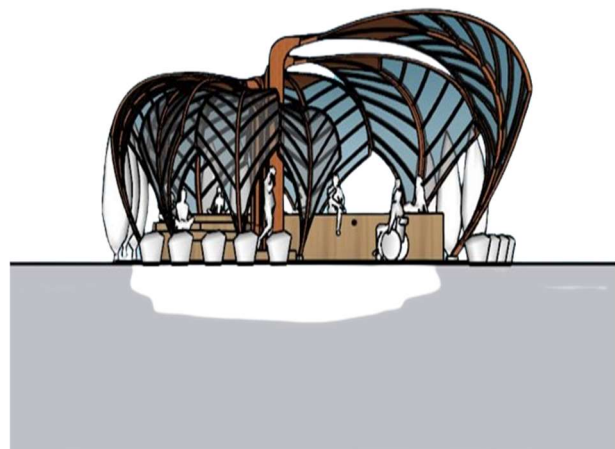


Figure 2: Façade

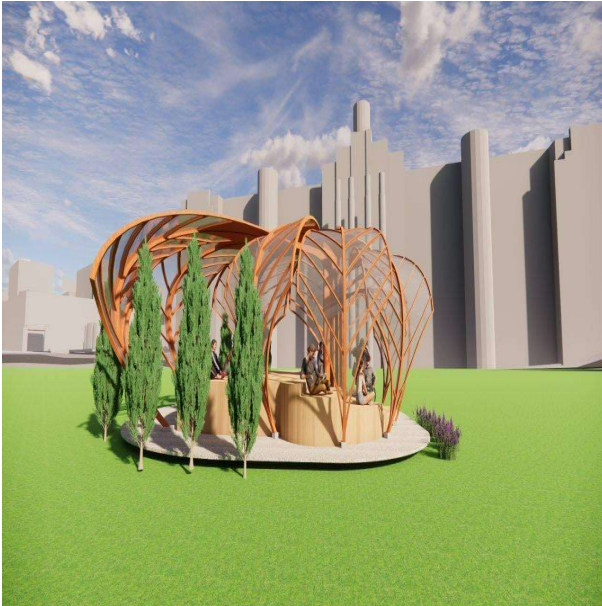


Figure 3: Side elevation (left)



Figure 4: Side elevation (right)

NOVELTY AND UNIQUENESS

“Avian Retreat” features a roof designed like a bird's feather, making the pavilion unique. The sitting area provides plug points for students, enhancing functionality. The novelty of this pavilion lies in its ability to function in a creative way. Overall, this pavilion stands out for its innovative design, and practicality of a pavilion with a feather-like roof.

BENEFITS TO MANKIND

The dynamic and unpredictable nature of outdoor environments can provide students with peace of mind. It helps students to learn better in a calm and quiet environment where there is fresh air, promoting a healthier mind and clearer thinking. In addition, it can also create interaction among students and the community. This can increase the potential of students to be braver in improving their communication skills. Well-designed public open spaces with roofs for protection from the heat of the sun and rain, along with surveillance and maintenance, provide students with safe environments to socialize and learn outside of school hours. Other than that, planting trees around the area can reduce the level of global warming in the area and provide fresh air for the students.

COMMERCIAL POTENTIAL

The Avian Retreat pavilion has significant commercial potential due to its unique roof shape design. It can provide opportunities for commercial activities such as group study, completing assignments, relaxing, exercising, and eating with friends within the pavilion space. Other than that, its unique design can enhance the community experience while appreciating the structure of the building. It also makes it a valuable asset for business opportunities and investments for those looking to attract customers and create a memorable experience for visitors with a lot of activities that can be enjoyed. Thus, this proves that the Avian Retreat pavilion has enough qualities to have a high commercial potential rate.

CONCLUSION

In conclusion, the Avian Retreat pavilion provides a multifunctional space for students and the public. The feather-inspired roof elements provide protection, sustainability, and connection to nature, hence encouraging a sense of sanctuary, tranquillity, and natural beauty reminiscent of bird habitats. Avian Retreat pavilion can pose more benefits for students in doing their daily activities as students by providing a more engaging and supportive environment.

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Sekian, terima kasih.

"BERKHIDMAT UNTUK NEGARA"

Saya yang menjalankan amanah,

SITI BASRIYAH SHAIK BAHARUDIN
Timbalan Ketua Pustakawan

nar

Setuju.

27.1.2023

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