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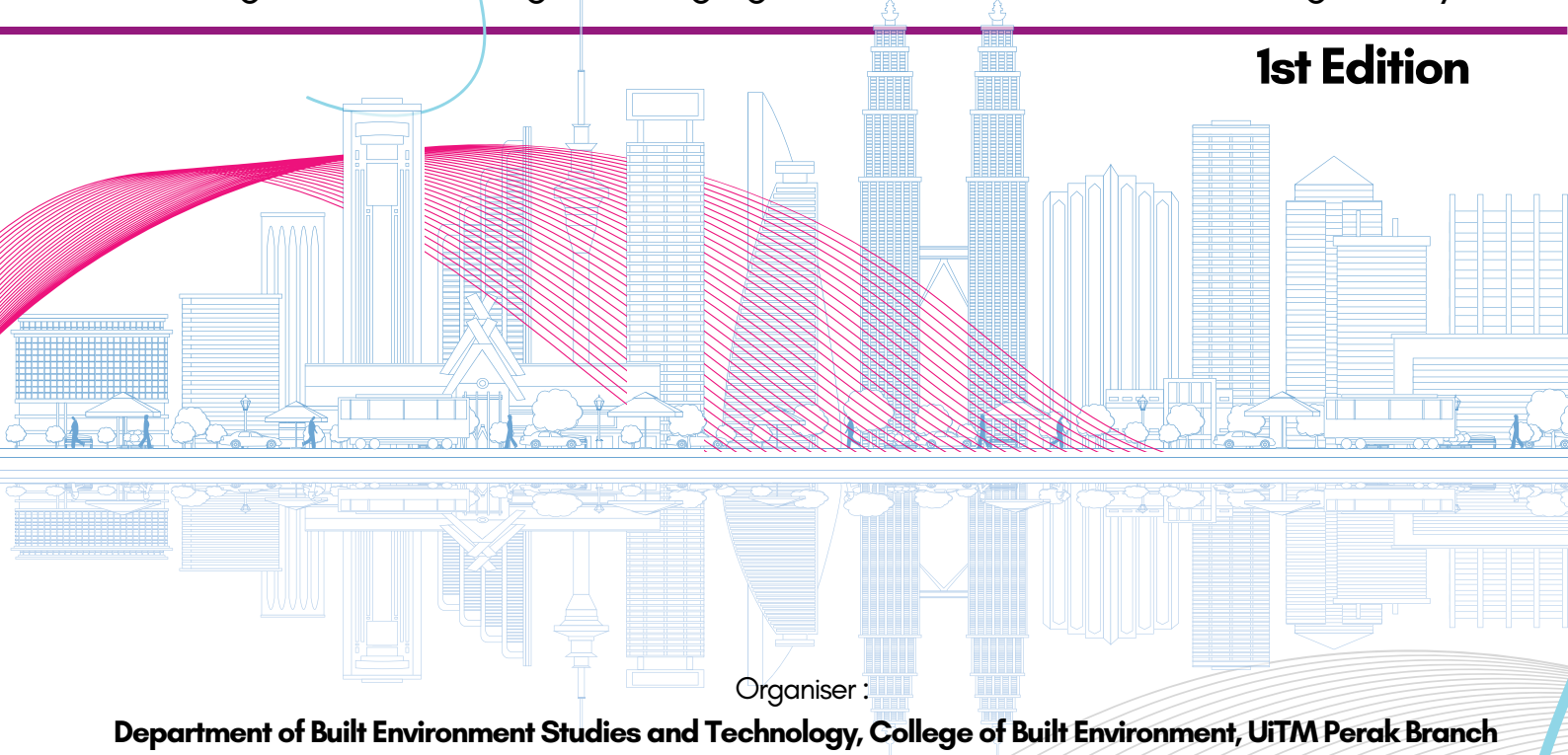
Cawangan Perak

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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## **Sarang: Harmonious Nesting Sanctuary**

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### **ABSTRACT**

Overall, the design concept inspired by bird nests seeks to create a harmonious relationship between human habitation and the natural world, drawing on the ingenious solutions found in nature to form sustainable and aesthetically pleasing architectural solutions. The design incorporates organic, curved shapes reminiscent of the rounded forms found in bird nests. These shapes create a sense of fluidity and harmony with the surrounding environment.

**KEYWORDS:** Nest, organic, natural, curve, tranquil

### **DESIGN DESCRIPTION**

Embodies the "Harmonious Nesting Sanctuary" concept, which emphasizes the integration of natural elements and organic forms to create a peaceful, community-oriented space, this pavilion is carefully crafted to reflect the essence of a bird's nest, using interwoven, curved structures that mimic the intricate and protective nature of nests found in the wild. The design features a series of arching woods that provide both structural support and aesthetic continuity, evoking the protective curves of a nest. These arches are interconnected with tensile fabric canopies, offering shade and a sense of enclosure while maintaining an open, airy atmosphere. The fabric's delicate, translucent quality allows sunlight to filter through, creating a dappled lighting effect reminiscent of sunlight through tree branches. The pavilion's base is a multi-level wooden deck, designed to encourage social interaction and communal gatherings. The circular seating arrangement in the centre enhances this communal spirit, providing a space for conversation, relaxation, and connection with nature. Surrounding the pavilion, lattice-like wooden walls add to the organic feel, their crisscross pattern reminiscent of woven twigs in a nest. This structure not only reinforces the theme but also allows for an unobstructed view of the surrounding landscape, blending the boundaries between the built environment and nature.

### **NOVELTY AND UNIQUENESS**

The pavilion is a unique blend of biophilic design and innovative architecture. Its interwoven, nest-like structure and dynamic, curvilinear wooden beams create an organic aesthetic that fosters a deep connection with nature. Flexible social spaces, integrated tensile fabric canopies, and eco-friendly materials enhance the pavilion's functionality and sustainability. This design offers a serene, immersive environment where visitors can engage with both the landscape and each other, making it a truly novel and nurturing space.

### **BENEFITS TO MANKIND**

Offers significant benefits by enhancing human connection to nature. Its organic, protective design fosters a sense of security and tranquillity, promoting mental well-being and reducing stress. The pavilion's natural, sustainable materials and eco-friendly construction raise

awareness about environmental stewardship. Additionally, its unique, nature-inspired aesthetic stimulates creativity and offers a peaceful space for reflection. The communal layout encourages social interaction, fostering community and a sense of belonging among visitors.



Figure 1: Sarang: Harmonious Nesting Sanctuary

## **COMMERCIAL POTENTIAL**

The “Harmonious Nest Sanctuary” pavilion has strong commercial potential. It can serve as a unique venue for weddings, corporate retreats, and wellness workshops. Its eco-friendly design will attract tourists seeking nature-integrated experiences. Additionally, it can host educational programs on sustainability and serve as a picturesque location for photography and filming.

## **CONCLUSION**

The pavilion boasts an organic, nest-like design with natural curves that blend seamlessly into the environment. Its tranquil setting offers a peaceful retreat, making it an ideal spot for relaxation and eco-friendly activities. This unique structure can serve as a venue for weddings, corporate retreats, and wellness workshops, attracting visitors seeking nature-integrated experiences. Additionally, it can host educational programs on sustainability and serve as a picturesque location for photography and filming. The pavilion's design and setting create a harmonious space that promotes well-being and connection with nature.



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

Tarikh : 20 Januari 2023

Prof. Madya Dr. Nur Hisham Ibrahim  
Rektor  
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Cawangan Perak



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Kelulusan daripada pihak tuan dalam perkara ini amat dihargai.

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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