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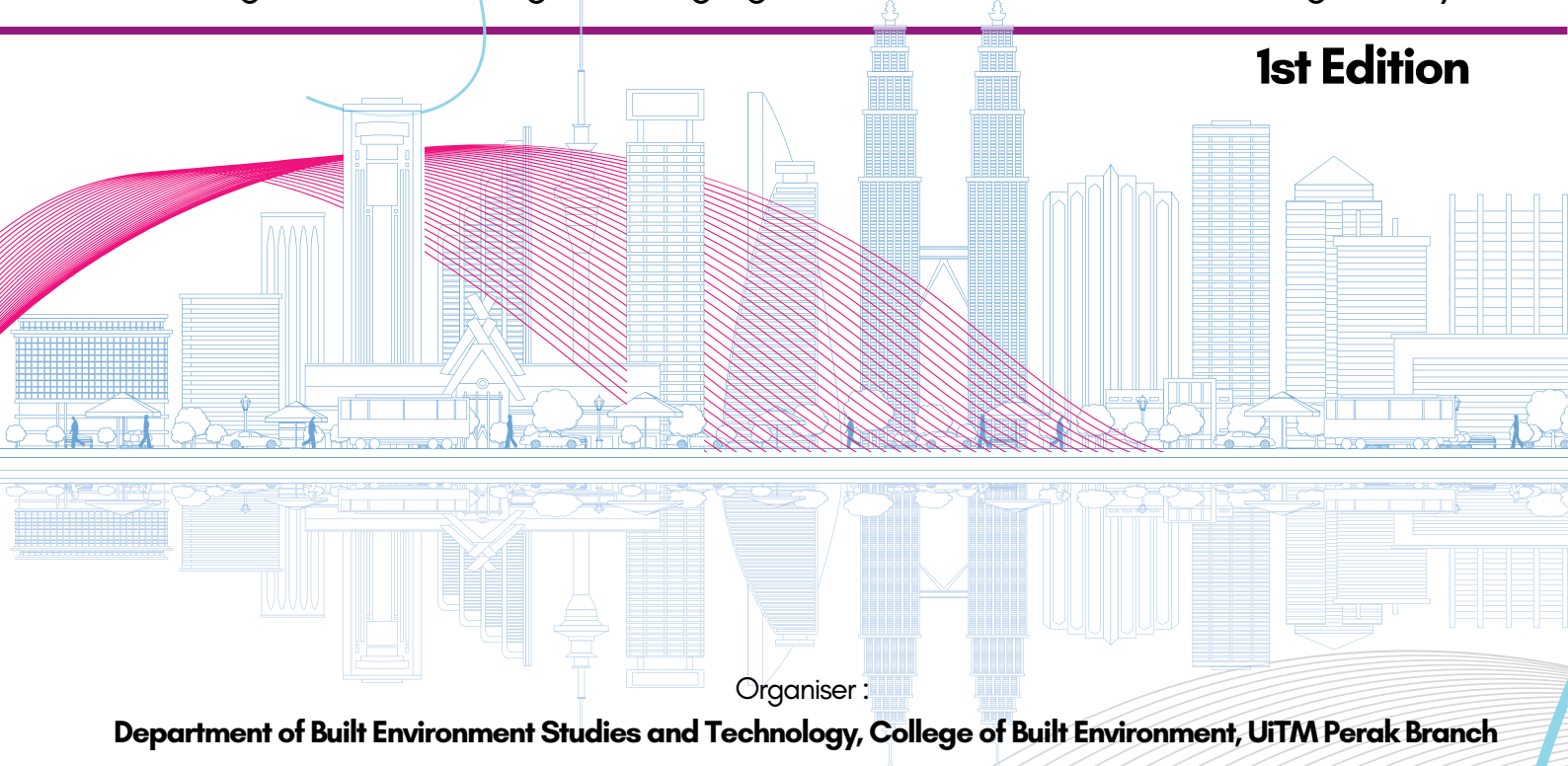
Cawangan Perak

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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## The NovelNest

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### ABSTRACT

Proposing the installation of locally crafted wooden outdoor furniture at the Universiti Teknologi MARA (UiTM) campus in Seri Iskandar aims to enrich the student experience by creating inviting and functional outdoor spaces. Emphasizing sustainability, the project utilizes timber materials that harmonize with the university campus environment. The focus is on enhancing student well-being, fostering interpersonal communication, and promoting academic engagement. Through the integration of ergonomic design principles and attention to campus aesthetics, the proposed furniture offers students versatile and comfortable seating options for studying, learning, and relaxation. By cultivating a sense of community and connection to nature, this initiative strives to elevate the overall campus atmosphere and support student success at UiTM Seri Iskandar. This endeavor aligns with the broader goal of public space design on university campuses, which seeks to cater to the diverse needs of visitors, staff, and students while encouraging social interaction, physical activity, and community involvement. The introduction of sustainable wooden furniture not only enhances the campus environment but also contributes to a sense of belonging and well-being among the campus community, fostering a vibrant and inclusive atmosphere for all.

**KEYWORDS:** University campus environment, sustainability, wooden outdoor furniture, student well-being, comfortable seating options

### DESIGN DESCRIPTION

The design of the NovelNest reading nook furniture is inspired by a distinctive blend of durable materials, including sustainably sourced timber, galvanized steel, and stainless steel. Inspired by the organic shape of an open book, the upper structure of the furniture exudes an inviting and cozy aura that harmonizes with its user and environment. Crafted with an elegant mixture of natural materials chosen for their beauty and resilience, sustainable teak wood supported by a galvanized steel skeleton forms the core of the furniture, ensuring longevity and durability. Extra seating or footrest benches crafted from stainless steel are discreetly stored within the structure, offering versatility and easy maintenance. Hidden storage compartments beneath the seat add to the furniture's practicality. Incorporating sustainable features, such as built-in solar panels powering charging ports, and a plant box atop the structure, not only enhances the furniture's eco-friendliness but also fosters a deeper connection with nature. Overall, this eco-friendly seating design not only promotes sustainability but also enhances public spaces, encouraging community engagement and fostering well-being through its thoughtful design and functionality.

### BENEFITS TO MANKIND

Firstly, it offers a conducive environment for individuals to engage in reading, promoting literacy and intellectual growth. Secondly, its incorporation of sustainable technology and materials contributes to environmental conservation, thereby supporting a healthier planet for future

generations. Additionally, by fostering a sense of community and well-being through its inviting design, the NovelNest reading nook enhances social interaction and mental health among users. Overall, its multifaceted benefits positively impact mankind by nurturing personal development, environmental stewardship, and togetherness.



Figure 1: The NovelNest

## COMMERCIAL POTENTIAL

Targeting diverse markets including educational institutions, public spaces, and corporate environments, its competitive advantage lies in its eco-friendly materials, customizable features, and modern technology integration. With a scalable business model, careful cost analysis, and emphasis on regulatory compliance and intellectual property protection, the NovelNest reading nook has the potential to capture market demand, achieve healthy profit margins, and establish itself as a leading player in the seating solutions industry.

## CONCLUSION

The NovelNest reading nook design offers a unique blend of sustainability, comfort, and functionality, appealing to diverse markets such as educational institutions, public spaces, and corporate environments. Its innovative features, including eco-friendly materials and modern technology integration, provide a competitive edge in the seating solutions industry. With scalable business potential, emphasis on regulatory compliance, and intellectual property protection, the NovelNest reading nook is poised to meet market demand, achieve profitability, and drive future innovations in sustainable seating design. Its significance lies in redefining traditional reading spaces and fostering a deeper connection between users and their environments. Future directions may involve expanding market reach, enhancing customization options, and further research and development to stay ahead of evolving trends and customer needs.

## ACKNOWLEDGEMENT

We gratefully acknowledge everyone who helped, as well as the organizations and groups whose support was essential to the development and realization of our pavilion design. Their collaboration, comprehension, and encouragement have been invaluable in assisting us in realizing our objectives and creating an atmosphere that promotes increased community engagement and sustainability for everybody.

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Cawangan Perak



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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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