

EDITORIAL

Assalamu'alaikumwarahmatullahiwabarakatuh

As in the previous issue 1 of Volume 7, 2025, the publication presented eight (8) papers addressing numerous subjects, challenges and solutions in the form of design concepts pertaining to the built environments. In this second issue of Volume 7, 2025, the publication presented twelve (12) papers dedicated to case studies comprising academicians, final year studio projects and the design thesis of the students guided and supervised by the lecturers.

The first paper, *Semai Forest Cultural Village: Cultural Ecotourism Centre for Orang Asal Semai in Cameron Highland, Pahang* by Ahmad Izzuddin Ahmad Kamal and Zeenat Begam Yusof. The loss of ancestral land to development and negligence of indigenous culture in the education system are the few issues of this study. The study aims to promote ecotourism while promoting and preserving the Orang Asal Semai's culture. An immersive cultural ecotourism centre is proposed to serve as the main hub for community development and growth, cultural preservation, and environmental conservation. The centre offers cross-cultural exchange between the visitors and the Semai community which improves the preservation of the Semai culture while serves as a model for Orang Asal led ecotourism.

The second paper entitled *Reviving Islamic Civilisation Park at Pulau Wan Man, Terengganu* by Basyirah Izzati Malek Ridzuan, Mazlina Mansor and Haza Hanurhaza Md Jani. The paper explores the idea and concept of Islamic civilisation and the Islamic Garden and their implementation in landscape architectural design in the Malaysian context. This project explores how the Islamic Garden design concept can be integrated within landscape design for a diverse society without neglecting the local culture, values, and place identity. The study identified modern landscape practices often overlook Islamic Garden traditional elements. This project investigates how Islamic Garden principles can be revitalised and implemented in contemporary landscape design, particularly in public park and spaces in Pulau Wan Man, Terengganu.

As for the third paper by Abdul Naqiunaim Azman, Mazlina Mansor and Khalilah Zakariya entitled *Sustainable Waterfront Landscape to Revitalise The Coastal Heritage of Teluk Sengat, Kota Tinggi, Johor*. The study examines Teluk Sengat's coastal heritage, highlighting its blend of natural, cultural and settlement elements and the pressures it faces from climate change, urbanisation and unsustainable development. This study analyses the landscape character, environmental vulnerabilities, and socio-economic challenges of the area to propose a holistic, resilient design solution. Qualitative methods including site inventory, stakeholder interviews and literature review were used to inform the design strategies. The final proposal envisions a sustainable waterfront landscape that enhances cultural continuity, ecological resilience and economic viability.

The fourth paper by Nik Farhana Nik Aminuddin, Nayeem Asif, Nur Ulfah Awatif Umairah and Zuraini Denan entitled *Women Recharge: Training and Economic Sanctuary for Single Mothers in Tumpat, Kelantan*. The paper study on the role of helping single mothers to grow not only emotionally but also in economic aspect. This study explores the architectural aspect which envisioned "training and economic sanctuary" in order to help single mother grow and give them a better chance to sustain their life. The study highlights the rise of women in micro-businesses in Kelantan, especially in Batik and tailoring and proposes integrating modern entrepreneurial and digital training. The initiative aims to empower single mothers while enhancing Tumpat's role as a key Batik production hub.

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The fifth paper entitled *Asian Trade and Cultural Village: Building Unity Through Heritage, Trade and Culture* by Md Tausif Evan, Nayeem Asif and Zuraini Denan. The study demonstrates Asian architecture through the integration of shared components from ASEAN (Association of Southeast Asian Nations) and SAARC (South Asian Association for Regional Cooperation) countries, such as water, local vegetation, open spaces and courtyards, combined with contemporary facilities such as exhibition halls, an auditorium and craft showcase spaces. Transforming an abandoned site into an active urban space, the study shows that embedding shared architectural components creates an authentic Asian atmosphere while meeting functional needs. The study concludes that architecture should reflect both physical elements and cultural practices, demonstrating how architectural intervention can strengthen Asia identity and shared values across the region.

The sixth paper by Arif Salihin Muhammad Aminuddin, Amar Firdaus Shofyan, Julaila Abdul Rahman, Roziha Che Haron, Sufian Hamat, Raja Intan Suhaylah, Masidah Abdul Majid, Asiah Abdul Rahim, Fairullazi Ayob, Siti Noorfairus Che Abdullah and Nur Ulfah Awatif Umairah Alias entitled *Arunika: The Enhancement of KAED Courtyards Through Multi-Motion Design for Wellness and Leisure*. The study highlighted the underutilised of Kulliyyah of Architecture and Environmental Design (KAED) courtyard at International Islamic University Malaysia (IIUM). The study aims to transform the KAED Courtyard (Gallery) and KAED Courtyard (Café) into vibrant, climate-responsive and multifunctional hubs that reflect the faculty's creative spirit and foster community engagement. Using a multidisciplinary approach, the "Multi-Motion" concept is introduced to create a diverse seating, interactive gathering zones, greenery and water features while maintaining cost-effective solutions. The proposal aims to upgrade the KAED Courtyards into dynamic, sustainable and financially feasible community spaces.

The seventh paper entitled *A Space of Engagement: Proposing Enhancement of Courtyards in Kulliyyah of Architecture and Environmental Design, IIUM* by Hidayatul Husna Huzailing, A'isyah Mursyidah Mohamad Nafis, Asiah Abdul Rahim, Mohd. Fairullazi Ayob, Roziha Che Haron, Masidah Abdul Majid, Sufian Hamat, Nur Ulfah Awatif Umairah Alias, Raja Intan Suhaylah Raja Abdul Rahman, Siti Noorfairus Che Abdullah and Julaila Abdul Rahman. The study proposed to enhance the two underutilised courtyards at the Kulliyyah of Architecture and Environmental Design (KAED) into a meaningful and engaging spaces for the campus community. The objectives are to strengthen the identity of KAED, create inclusive gathering spaces, maximize the use of open areas and promote environmentally responsive design. Designed to support academic, social and cultural activities, the proposal promotes sustainability and community engagement. It also serves as a learning platform, allowing students to apply sustainable and community-oriented design approaches in line with IIUM's mission to integrate knowledge, faith and practice within the built environment.

The eighth paper entitled *Sociological Impact in Public Toilet Design: Case Study of KAED Malay Heritage Living Lab* by Wan Nur Aisyah Dzulkiflee, Julaila Abdul Rahman, Fadzidah Abdullah, Mohd Fairullazi Ayob, Nur Ulfah Awatif Umairah Alias, Roziha Che Haron, Nur Affah Mohyini and Sharifah Tahirah Syed Kamarulzaman. The study highlighted how human interaction in public spaces is influenced by both environment and culture especially in the Malay "Adat" and the poor public toilet facilities and amenities. This project explores the sociological and cultural dimensions of public toilet design with a focus on human factors through literature review, case studies, and site observations within the KAED Malay Heritage Living Lab, IIUM. The objectives are to identify design criteria for public toilets, to examine contextual impacts on user behaviour and to develop a 3D model for restroom of Rumah Kutai. The study aims to show how traditional cultural values can be integrated with functional needs to create inclusive, responsive and sustainable public toilet facilities.

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The ninth paper by Muhamad Irphan Fazeree, Srazali Aripin and Asiah Abdul Rahim entitled *Healing Independent Elderly Village in Kota Kinabalu, Sabah*. The study highlighted many elderly individuals particularly in Kota Kinabalu face challenges such as loneliness, declining health and inadequate care environments. The thesis proposes a new architectural response through the design of *Walai Healing Elderly Village*, inspired by traditional Sabahan house typologies such as the Rumah Bajau, Rumah Dusun Lotud, and Rumah Panjang Rungus. By integrating universal design, passive environmental strategies and healing landscapes, the project aims to enhance autonomy, cultural connection and overall well-being for the elderly.

The tenth paper by Muhammad Alif Mohd Hisham, Raja Intan Suhaylah Raja Abdul Rahman, Julaila Abdul Rahman, Roziha Che Haron, Sufian Hamat, Masidah Abdul Majid, Asiah Abdul Rahim, Fairullazi Ayob, Siti Noorfairus Che Abdullah and Nur Ulfah Awatif Umairah Alias entitled *Reviving Souls: Enhancing Laman KAED as Communal Public Spaces in University*. The KAED courtyard is currently underutilised, unvibrant, uninclusive and lack of character. This project aims to revive and transform Laman KAED into a multifunctional, sustainable and Shariah-compliant environment that reflect the faculty's identity and fosters community engagement. Using a collaborative design process, the proposal introduces improved circulation, income-generating kiosks, and a stage for academic and social activities. Emphasising sustainability, biophilic design and passive systems, the intervention aims to create an inclusive, adaptable environment grounded in Islamic values. The outcome positions Laman KAED as a meaningful, dynamic landmark that enhances community interaction, creativity, and well-being.

The eleventh paper entitled *Hot Spring Landscape Design for Sustainable Wellness Tourism at Felda Residence Sungkai, Perak* by Nor Maziatul Afiqah Mazlan, Putri Haryati Ibrahim and Mazlina Mansor. The study explore the potentials and proposes hot spring landscapes as community-based oriented areas for rehabilitation and enjoyment. The project explores the potential of hot spring landscapes as community-oriented spaces for rehabilitation, recreation, and sustainable tourism. Using site observations, surveys, and precedent studies, it evaluates the site's conditions and identifies the site possesses strong potential to function as a rehabilitation and therapeutic centre, enriched by its natural surroundings. The design proposal emphasises not only the therapeutic effects of mineral-rich waters but also the creation of diverse public healing spaces that harmonise conservation goals with community well-being. The study demonstrates how sustainable design can position hot springs as destinations that support both environmental protection and health-focused tourism.

The twelfth paper entitled *Abadi: Safeguarding The Rich Fabrics of Malay Architectural Heritage Through A Ceremonial Entrance of IIUM Malay Enclave* by Leslous Wafa, Fadzidah Abdullah, Ulfah Awatif Umairah Alias, Abang Nurazizan Abg Azahari, Aida Kesuma Azmin and Sharina Fariyah Hasan. The study proposes a "ceremonial entrance" for the Malay Heritage Living Lab at IIUM, featuring a lookout platform, entrance archway, bridge guardrails, and landscaping. The main objective of this inventive design proposal is to elevate the Malay Heritage Living Lab, infusing it with captivating elements that are not only safeguarding the rich fabric of traditional Malay architectural heritage but also function as a guiding light to both local and international audiences. Named Abadi (meaning eternal), the design celebrates traditional Malay architecture and village elements while guiding visitors and preserving cultural heritage. Through detailed research on materials, installation techniques and thoughtful choice of hues, the project integrates structural, spatial, and visual components, with inspiration from Rumah Kutai. The initiative aims to create an extraordinary blend of knowledge, creativity, and appreciation for Malay heritage in the contemporary context.

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