

EDITORIAL

Assalamu'alaikum warahmatullahi wabarakatuh,

In the previous Issue 2 of Volume 4 (2022), the publication has presented nine papers that addressed various subjects, challenges, and design solutions related to the Built Environment. In this first issue of Volume 5 (2023), the papers focus on case studies conducted by academicians and final year students' design thesis projects guided and supervised by the lecturers.

The first paper, entitled "Architectural Elements of Traditional Malay Buildings in Gombak District, Selangor" by Nurul Hamiruddin Salleh, Mohammad Zaim Abdullah, and Nurlelawati Ab. Jalil, discusses the architectural identity of traditional Malay buildings, which is relatively scarce and requires a more explicit characteristic mapping. The research aims to identify the architectural decorative elements of traditional Malay houses and mosques in the Gombak district of Selangor. The research involved on-site observations of 39 traditional Malay buildings (34 houses and five mosques) within 13 villages in Gombak. The research has identified eight common architectural elements in Gombak's traditional Malay houses and mosques. These architectural elements contribute to the aesthetic theory and philosophy of traditional Malay houses and mosques in Selangor, which should be preserved.

The second paper, entitled "Design Factors of Existing Extreme Park Facilities for Muslim Female Participation in Extreme Sports in Malaysia" by Siti Aisyah Johan and Nurul Hamiruddin Salleh, addresses the lack of participation from Muslim women in extreme sports in Malaysia. The research aims to identify the design factors that contribute to the lack of participation and dissatisfaction of Muslim women in the existing extreme parks. The methodologies applied include user satisfaction surveys, observation of physical factors and physical planning (access audit), interviews with management officers, and case studies on *Shari'ah* compliant women's sport complex design. The goal is to determine the best design and spatial planning of sport facilities that meet women's needs and provide a comfortable space for them to practise and participate in extreme sports.

The third paper, by Muhammad Arif Haikal Zahari, Fadzli Irwan Bahrudin, and Jasasikin Ab Sani, is titled "Tranquility Design Concept for Rectory Building Grand Archway and The SHAS Mosque Upper Courtyard." It discusses the process of harmonising the exterior and interior design of the sites. The project aims to rejuvenate the grand archway of the International Islamic University Malaysia (IIUM), including the main staircase, the Muhammad Abdul-Rauf Building, and the mosque courtyard. The process bridges the gap between the characteristics of Islamic architecture and holistic human experiences. The main design characteristics of the site are preserved while breathing new life into the overall appeal and versatility of operation in the areas.

The fourth paper, by Amina Ally Abdallah, Sufian Hamat, Fadzli Irwan Bahrudin, Jasasikin Ab Sani, Azrin Md Din, and Julian Osman, is titled "New Design Proposal for the Betterment and Enhancement of Features and Functions of the Muhammad Abdul-Rauf Building's Main Entrance and SHAS Mosque's Upper Courtyard." The paper aims to study the current Muhammad Abdul-Rauf Building, with a focus on the grand archway and the SHAS Mosque's upper courtyard. The objective of this project is to highlight and prepare the IIUM main staircase as the primary access and circulation to the Muhammad Abdul-Rauf Building and the courtyard of the SHAS mosque. The design concept and philosophy are based on the seven missions and visions of IIUM to reflect the institution's values.

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The fifth paper, entitled "Revitalisation of Al-Ghazali Walk and Courtyard Design of Central Complex, IIUM," is authored by Nur Affah Mohyin, Mohamad Saifulnizam Mohamad Suhaimi, Zeenat Begam Yusof, Shamzani Affendy Mohd Din, and Maheran Mohd Yaman. It explores the concept of "Glimpse-of-Heaven," which incorporates water and vegetation to design elements related to the users' journey to Paradise, as taught by Imam Al-Ghazali. The study proposes a design for the revitalisation of Al-Ghazali Walk for the IIUM Community, involving a multidisciplinary group of Architecture students, Landscape Architecture students, Applied Arts and Design students, as well as Quantity Surveying students.

The sixth paper, by Zeenat Begam Yusof, Shamzani Affendy Mohd Din, Maheran Mohd Yaman, Nur Affah Mohyin, and Mohamad Saifulnizam Mohamad Suhaimi, is titled "Anjung Rimbun Revitalisation of Al-Ghazali Road and SHAS Mosque Lower Courtyard." It presents a project conducted by KAED students to solve the flood mitigation issue and create *genus loci* for Al-Ghazali Road, located in IIUM Gombak. The overall concept of the project is known as Anjung Rimbun, which synergizes all architectural and landscape elements to bring forth the essence of Malay traditional architecture.

The seventh paper, titled "Journey of Light" by Zeenat Begam Yusof, Shamzani Affendy Mohd Din, Maheran Mohd Yaman, Nur Affah Mohyin, and Mohamad Saifulnizam Mohamad Suhaimi, discusses the revitalisation of Al-Ghazali Road located in IIUM. Al-Ghazali Road is a well-known secondary road in IIUM that hosts several commercial facilities. The project aims to address the issues by designing the road using the concept of the Journey of Light, which is divided into four phases.

The eighth paper, titled "Harnessing Landscape Conservation of Fishing Village at Kampung Pendamar, Klang, Selangor," is authored by Nurfajrina Hassanah Mazlan, Salina Mohamed Ali, Shaibatul' Islamiah Che Man, and Faridatul Akma Abdul Latif. It focuses on promoting the assets and natural resources of Kampung Pendamar's fishing village while creating strong encouragement for rural youth to remain in the village. The process includes identifying issues and proposing solutions for the project's design. The data collection methods involve primary and secondary data of the subject. The proposed design aims to strengthen the connection with the local tourism while blending with the existing local environment.

Lastly, the final paper by Hazwan Zubir, Srazali Aripin, and Asiah Abdul Rahim is titled "Redevelopment of Boat Terminal at Kuala Tahan, Pahang." The paper discusses the quality of Kuala Tahan jetty facilities and the issues of deforestation in Hulu Tembeling, which have negatively affected the lifestyle and economy of the local villagers. The research aims to redevelop the existing boat terminal at Kuala Tahan, Pahang, and enhance the potential for eco-tourism along Tembeling River, emphasising the importance of preserving the nature of the river. The qualitative research methods include observation, interviews, and analysis of secondary data such as case studies and literature reviews. The findings from the research are used to formulate a design brief and propose the redevelopment of the existing boat terminal at Kuala Tahan.

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