

## PREFACE

Assalamu'alaikum wrt. wbt.

Dear all colleagues and readers.

Once again, warmest welcome to our readers for taking time to read and review our Second Issue of the Design Ideal Journal. This issue covers eleven articles from our faculty and students that specializing in the fields of architecture, planning, landscaping architecture, quantity surveying, building technology and engineering, applied arts and design. Succeeding the previous issue, since there is a general lacking of intellectual articles and research reports, either collectively or individually, that are related to Malaysia and the Islamic perspectives, it is our compulsion to continually producing a journal specially devoted to design to be a well-thought-of by KAED community. As such, the fundamental aim of the Design Ideal Journal is to provide a platform for the students, lecturers and practitioners extending their practical charge for consumption of the readers, be it general, students or professional alike.

The Design Ideal Journal offers an opportunity for researchers, research students, and practitioners to share their views, theoretical and empirical research findings; and readers, especially academics and students to advance and value from its contents. We welcome the research reports and theoretical papers, short practice notes, design reviews and abstracts from portfolios and design theses on any aspects of architecture, urban and regional planning, landscape architecture, applied arts and design, and other fields related to the built environment discipline. This year we just manage to publish only one issue though our expectation is to publish a biannually. Next year, InsyaAllah, apart from regular issues, we hope an additional issue in the forms of Special Issue will be presented to the readers. Last but not least, again for this issue, we hope to receive an encouraging feedback from all readers.

**Editor-In-Chief**

## EDITORIAL

*Assalamu'alaikum Wrahmatullahi Wabarakatuh*

This is the Second Issue of the Design Ideal Journal of the Kulliyyah of Architecture and Environmental Design, IIUM. The Issue contains eleven research papers, all of which discuss the various subjects, challenges and solutions in the forms of design concepts pertaining to the built and natural environments. As in the First Issue, this issue is dedicated to Malaysian case studies comprising of final year studio projects and design thesis of the students guided and supervised by the lecturers. Collectively, this Issue covers subject matters pertaining to the design of park, boutique hotel, bee keeping nest, auto-city theme park, adaptive re-use of old masjid, special area plan, food waste sealer, cartoon animation studio, upcycling product, dockland and waterfront revitalization.

The first paper by Nur Ayuni Mohd Bohori, Aniza Abu Bakar and Putri Haryati Ibrahim titled *Nature and Structure: Merging Blue & Green Landscape for Holistic Well Being at Metropolitan Batu Park*, is about enhancing the well-being of the community around Metropolitan Batu Park and Sungai Batu Retention Pond that might have face the urban security issues in term of environment, social and economic aspects. The project proposed to create an integration of the blue and green landscape element, infrastructure and technology in merging these two area into one family park that can give the platform in spreading the positive well-being effect to the users.

The second paper by Fatin Nabilah Mohamad Yusof and Zeenat Begam focus on the need of themed boutique hotels that is vivacious to attract local and international tourists to Melaka city. A Neo Traditional Boutique Hotel was proposed which partake not more than 10 rooms, maximum of 2 storey height with other supporting facilities. The Boutique Hotel was proposed to be located at Jalan Klebang Besar near Bert's garden restaurant.

Julaila Abdul Rahman, Nur Kamaliah Amer and Mohd Azam Halim were looking at *Stingless Bee Nest for Housing Area* in the third paper. Their aim is to propose a suitable design for stingless bee nest, which will be applying in a housing area. By managing of bees in artificial hives, it enables beekeeper to propagate colonies and produce products such as honey, pollen and propolis that help to raise a side income for the participants.

The next paper by Syazleen Razali, Jasasikin Abd Sani and Mazlina Mansor focuses on the design for an Auto-City Theme Park, which focuses on planning and designing a unique interchange spot using the concept of "Hybrid". There are three key points that basically reflected in Auto-City Theme Park: (a) to promote the concept of corridor development with integrated and centralised development nucleus (b) Restore mangrove habitats and improve regional water quality (c) Rehabilitate Auto-City to reduce the carbon emission through ecological approaches. This design thesis is aimed to create a unique interchange spot Auto-City that is centered around the auto-mobile culture while preserving the ecological balance.

The fifth paper entitled *Reviving of Adat Bersiram Tradition and Adaptive Resuse of Masjid Lama Kampung Tanjung Beringin, Seri Menanti, Negeri Sembilan Darul Khusus* by Muhammad Amar Syahi, Shamzani Affendy Mohd Din and Harlina Md Sharif, studies on how to revive the deteriorated traditional Masjid Lama Kampung Tanjung Beringin, Seri Menanti, Negeri Sembilan Darul Khusus for an adaptive reuse. The project identifies factors causing the functional deterioration of Masjid Lama Kampung Tanjung Beringin, so as to raise its identity to its significance level of its function.

The sixth paper by M. Zainora Asmawi, Mohamad Izzudin Mat Sundari and Mazaruddin Merzayee looks at an action plan in a special royal town of Bandar Maharani, Johor. It is a historic town and the capital of Muar District, Johor. Though there are many potentials to be further enhanced, several issues need to be resolved for better environmental quality. The suggested development approach relates to its physical condition, taking advantage of Sungai Muar that lies in the middle of the town. Thus, the riverfront development is recommended with many improved elements of urban design to elevate the image of the urban heritage of Bandar Maharani. Among the key projects are water taxi, Sungai Bentayan open space, Muar bridge gateway, and sky pedestrian.

Julaila Abdul Rahman, Nuur Hafizah Ramdan and Zumahiran Kamarudin developed *Fosseal – A Sealer Mechanism for Food Waste Management*. This research aims to identify the behavior of household towards food waste management in the home kitchen and to propose a better way of food waste management method by developing a product, *FOSSEAL*. It is a new eco-friendly product that has a potential to improve the waste management at home as well as in formal institutions like hospital, school and offices.

*Jigzoe: Integrated Cartoon Animation Studio Institution in Ipoh, Perak* by Muhammad Ihsan Shaharil and Elias Salleh have faith in that cartoon and animation are universal, effective and entertaining tools used in conveying messages. They are being used worldwide and its industry has been growing rapidly. For many years, cartoon and animation encounter many issues regarding their approaches, methods and impacts. Four main issues have been identified to affect this industry, namely stigma (social), misuse (ethical), lost identity (cultural) and downfall industry (economic). Based on various studies and research, these problems can be overcome by 4E Approaches; Exposure, Education, Establishment and Enhancement, which leads to the components of the program: institutional academy and production studio. The objectives of the study are to rectify the perception of the public towards acceptance of cartoon and animation, to educate both cartoonists and public to treat cartoon and animation the right way, to revive local identity in promoting culture and elevate the cartoon industry for intellectual property purposes.

Ismail Jasmani and Norzalifa Zainal Abidin's paper on *The Way to Practice Sustainability: Wonders of Upcycling Products*, have confidence in that upcycling is a process of converting old or discarded materials into something more useful and creative. It is also gives an item a better purpose. The concept of upcycling ensures the product is made out of recyclable materials and better than the original product. In other terms, upcycling actually increases the value of the product. Creativity and innovation are the key factors that are needed to produce better and more beautiful products. It is also an easy and simple method which can be followed by others as a way to save our environment.

*Urban Dockland* by Farhana Zulkeflee, Jasasikin Ab Sani and Zainul Mukrim Baharuddin is about rejuvenating heritage value of South Port Klang by highlighting its unique identity, revitalising abandoned area by transforming it to be green space for the benefits of users and environment as well as to provide green infrastructure for a sustainable and conducive living for this area. The study articulates the strategies for a proposal via several methods which are direct observation, document analysis and direct interview of individual and public. A concept of "Antiquarian Fusion" has been implemented in this design proposal to achieve the objectives and giving a new breath by mixing urban and heritage value of the area.

The final paper is about *A Historic Waterfront Revitalisation Project in Tanjung Emas, Johor* by M.Zainora, Nahzatulla Abrar and Omaid Omari. Their project addresses the importance of public open spaces in supporting the revitalisation of historic waterfront development along Tanjung Emas, Muar, Johor. This area is very popular as it attracts many visitors, particularly during the weekends. Its location in the Royal Town of Bandar Maharani plays an essential role in creating a catalyst for a sharp image of urban design elements. The distribution of many historical buildings such as Masjid Sultan Abu Bakar, Muar High School, and Muar District Court, reflecting the influence of colonial architecture adds to its colourful and vibrant image of an old town. Hence, the proposals which mainly cover the public open spaces along Tanjung Emas are expected to revitalise the image of Bandar Maharani. The projects involve mainly the uplifting the facilities of the children playground, provision of the water fountain, open theatre, pavilion, and floating café.

Overall, it is hoped that professionals, lecturers, researchers, undergraduate and postgraduate students, in built and natural environments, will find this issue of Design Ideal interesting, useful and knowledge-expanding.

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**VOLUME 1, ISSUE 2, 2019**