

# Sensasi FRSB

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## *Assalamualikum*

dan Salam Sejahtera,

Sensasi pada kali ini ini cuba membincangkan Konsep Malaysia Madani yang keempat iaitu **HORMAT**, yang pada hemat saya merujuk kepada perlakuan berkaitan perilaku. Namun di dalam konteks Malaysia amnya dan Melayu khususnya, perlakuan hormat adalah berkait rapat dengan budi bahasa yang tidak dapat lari dari tradisi Melayu malah tradisi ketimuran itu sendiri.

Di dalam kita bergerak untuk mereliasasikan masyarakat madani, nilai hormat perlu ada dalam setiap insan kerana ia merupakan antara nilai manusiawi yang paling asas. Rasa hormat harus mendasari kehidupan kita seharian kerana nilai ini akan membuka lorong untuk mencapai hidup yang sejahtera dan rukun selain dapat merayakan serta meraikan pandangan yang berbeza.

Hormat dengan pandangan yang berbeza adalah keperluan negara kita Malaysia kerana Malaysia merupakan sebuah negara yang berbilang kaum, budaya dan bahasa. Rasa hormat dan saling mendengar antara kita rakyat Malaysia yang telah berputik sejak berabad lamanya mungkin adalah kunci kepada perpaduan bangsa Malaysia. Bukannya tidak ada konflik, namun rasa hormat ini telah menyebabkan konflik mereda bak kata pepatah carik-carik bulu ayam, akhirnya bercantum jua. Inilah keunikan Malaysia dan kita harus mempertahankan nilai untuk terus melangkah kehadapan terutamnya ketika negara berdepan dengan situasi politik dan antarabangsa yang dinamik.

Di dalam konteks FRSB, kita harus terima universiti adalah cerminan mikro masyarakat sebenar, Warga FRSB mempunyai latar belakang yang berbeza dari segi idea dan kreativiti yang menjadi tunjang pengajaran dan pembelajaran di FRSB. Namun perbezaan idea inilah yang menjadikan kita unik kerana idea yang timbul itu melalui satu proses kritikan yang membina. Hasilnya, adalah idea kreatif baru yang memecahkan kebuntuan ilmu dan pemikiran. Namun saya percaya kritikan yang berlaku adalah atas dasar hormat yang kita ada pada setiap rakan dan pensyarah. Kerana wujudnya sifat saling hormat-menghormati ini maka setiap pandangan itu mampu kita raikan dan terima dengan positif dan beradab.

Saya amat berharap, nilai hormat ini dapat terus diraikan untuk menjadi asas bagi FRSB terus cemerlang dalam membentuk insan kreatif yang bertakwa, berilmu dan berbakti.

Dekan

# RETROFITTING PROJECT: BENEFITS AND THE NEEDS OF LEGAL PROVISION

Ar. Aznida Azlan

Retrofitting means providing something with a component or feature not fitted during manufacture or adding something that it did not have when first constructed' (Retrofit 2050: Critical challenges for urban transitions). Recently, the retrofitting project comes in place in order to minimize the development cost, preservation of heritage value, reinstatement of dilapidated buildings and to improve energy efficiency.

Instead of demolishing and reconstruct new building, retrofitting is the most economical ways to reinstate and repurpose the old buildings. Apart of enhancing the building's comfort and safety level, the upgrading of façade, and interior will also optimize the building usage, energy efficiency, and create better future-proof buildings.

CIOB through its Carbon Action 2050 has listed down the benefits of building retrofitting including;

- Retrofitted buildings are more adaptable and suitable to existing activities or future activities if required, more comfort;
- Retrofitted buildings are more energy efficient, lower carbon emissions from the building operations;
- Greater sustainable use of embodied-carbon investment (capital carbon).

Intensity and complexity of retrofitting projects will determine the necessity to comply the current

development plan or legal requirements, depending on the previous building usage and typology as well as the current usage. For high-risk building, the retrofitting process requires new building approval as well as compliance to Fire Department.

The upgrading of student's accommodation of existing hostel which were built more than 15 years is an example of a retrofitting project (Picture 1). The project required compliance to the current by-laws due to the additional of spaces and the occupancy rates. For student's accommodation for instance, there are new provision of compartmentation, and means of escape which requires the architect to redesign the size of rooms, travel distance compliance, sizes of opening and dead end. This is to ensure the safety of occupants is guaranteed before vacant possession.

Some of retrofitting projects only requires some interior renovation and façade refurbishment. Thus, they do not require submission plan and approval from relevant local authorities. For the institutional project above (Picture 2), the retrofitting works just involve the upgrading of building façade, change of materials, internal layout, as well as mechanical and electrical system with some changes of use of the spaces. Thus, if the client intended to propose a retrofitting project, the architect should advice the clients on the legal provisions and cost implications to optimise the feasibility of the projects.



picture 1



picture 2

# PENCEMARAN VISUAL: PENGENALAN TERHADAP ISU, IMPAK SERTA KESEDARAN MASYARAKAT DI MALAYSIA

LAr. Dr. Shamsul Abu Bakar

Pemahaman kita terhadap pencemaran alam sekitar pada masa kini secara umumnya dikaitkan dengan pencemaran udara, air, dan juga sisa pepejal. Namun pembangunan fizikal yang semakin pesat terutamanya di kawasan bandar serta aktiviti pertanian yang tidak terkawal secara tidak langsung menyebabkan banyak masalah pencemaran baru yang boleh mendatangkan risiko kepada alam sekitar dan juga manusia. Salah satu pencemaran yang jarang diperkatakan namun mampu memberikan kesan yang negatif ini adalah pencemaran visual (*visual pollution*). Berdasarkan literatur, pencemaran visual secara asasnya boleh berlaku apabila terdapatnya kombinasi pelbagai elemen samada ianya semulajadi atau bukan

semulajadi yang boleh menyebabkan ketidakselesaan pemandangan yang tertentu kepada orang ramai serta individu. Pencemaran visual mula diperkatakan apabila peningkatan trafik kenderaan yang begitu ketara telah mendorong kepada banyak pembinaan lebuhraya antara negeri di Amerika Syarikat selepas Perang Dunia Ke-2. Pertumbuhan pesat ekonomi telah mengakibatkan pertambahan mendadak papan-papan iklan perniagaan dan akhirnya menjelaskan pemandangan serta landskap unik yang terdapat di sepanjang lebuhraya. Isu ini mendapat perhatian awam dan menjadi satu pergerakan politik di Amerika yang akhirnya menjadi pemangkin kepada penggubalan akta pengindahan lebuhraya (Highway Beautification Act) pada tahun 1965.



Image source: scenicamerica.org

Di dalam persekitaran bandar masa kini, pencemaran visual oleh papan tanda dan papan iklan semakin menjadi kebiasaan kerana kemajuan teknologi cetakan dan digital yang membolehkan iklan dipaparkan dengan lebih besar, lebih murah serta ditayangkan dalam tempoh yang lebih lama. Masyarakat bandar mungkin menganggap ianya adalah sesuatu yang normal namun kajian semasa menunjukkan bahawa ianya boleh menimbulkan gangguan terhadap pemanduan yang boleh membahayakan keselamatan pengguna jalanraya. Disamping itu ianya turut memberi impak dari psikologi kepada manusia antaranya adalah terhadap tingkah laku pemakanan "diabetogenic" serta pembelian secara kompulsif. Selain disebabkan oleh teknologi, peningkatan pencemaran visual oleh papan iklan di pusat bandar juga boleh dikaitkan dengan tekanan yang dihadapi oleh pihak berkuasa tempatan untuk meningkatkan pendapatan tahunan mereka. Yuran yang dikenakan untuk mendapatkan permit iklan seperti papan tanda perniagaan, panel, bingkai serta pelbagai lagi jenis kaedah pengiklanan di persekitaran luar boleh



Image source: google earth.

menjadi sumber pendapatan yang penting dan kritikal dari segi ekonomi bagi pihak berkuasa tempatan.

Namun begitu pencemaran visual di Malaysia masih belum begitu banyak diperkatakan secara khusus walaupun terdapat pelbagai isu yang dibangkitkan oleh masyarakat banyak berkait rapat dengannya. Masyarakat umum di Malaysia serta pihak berkuasa tempatan masih belum melihat permasalahan pencemaran visual ini sesuatu yang kritikal dan perlu ditangani dengan segera. Tanpa kaedah kawalan yang sesuai serta pemahaman terhadap pengurusan visual yang jelas, isu pencemaran visual ini boleh mendatangkan impak yang sangat negatif bukan sahaja kepada kualiti visual persekitaran semulajadi dan bandar malah juga terhadap kesihatan mental pada pelbagai peringkat umur Masyarakat di masa hadapan. Manakala pada peringkat persekutuan, isu pencemaran visual ini perlulah diiktiraf serta diberikan penekanan yang sama penting seperti mana jenis-jenis pencemaran yang lain agar ianya dapat dikawal dengan lebih efisien melalui perlaksanaan undang-undang yang lebih khusus.



# CREATING AN IMPACTFUL FINAL YEAR EXHIBITION FOR DESIGN STUDENTS

Dr. Sazrinee Zainal Abidin

Registering as a student in a course and going through the academic journey of fulfilling all the requirements to graduate would be very challenging. Learning is about building self-confidence while mastering new skills to thrive in a tech-driven world.

At the end of design-based courses, students should be given a platform for final-year students to showcase their creative works as an introduction to relevant industry experts, academicians, the public, family, and friends. The students have been receiving feedback from the lecturers and peers during the duration of their studies. It is very important to begin exposing them to external viewers for more constructive feedback and start building their own networks with the industries.

The Department of Industrial Design has been organising the Final Year Exhibition 17 times since the inception of the department itself in 2004. There have been many learnings and improvements made

by the academician and the organising committee. Uniquely, this Final Year Showcase has also evolved into an event recognised by the faculty, universities, and industries. The students, with the guidance of the academician, have successfully showcased the exploration of diverse concepts, translating arts and merging them with technology. We've also seen the student's growth as a professional through this annual event, when they're tested with challenges, resilience and self-discovery that delve into personal representations. Alumni of the course, professionals from the industry, and leading experts from the industrial design field were invited as guest speakers or panellists contributing to the content delivery.

Creating effective presentations, organising exhibitions, using social media to create awareness, and organising events are important skills in various professional settings. Here are some guidelines for each of these areas:

# Guidelines for a successful Final Year Showcase



## Effective Presentation

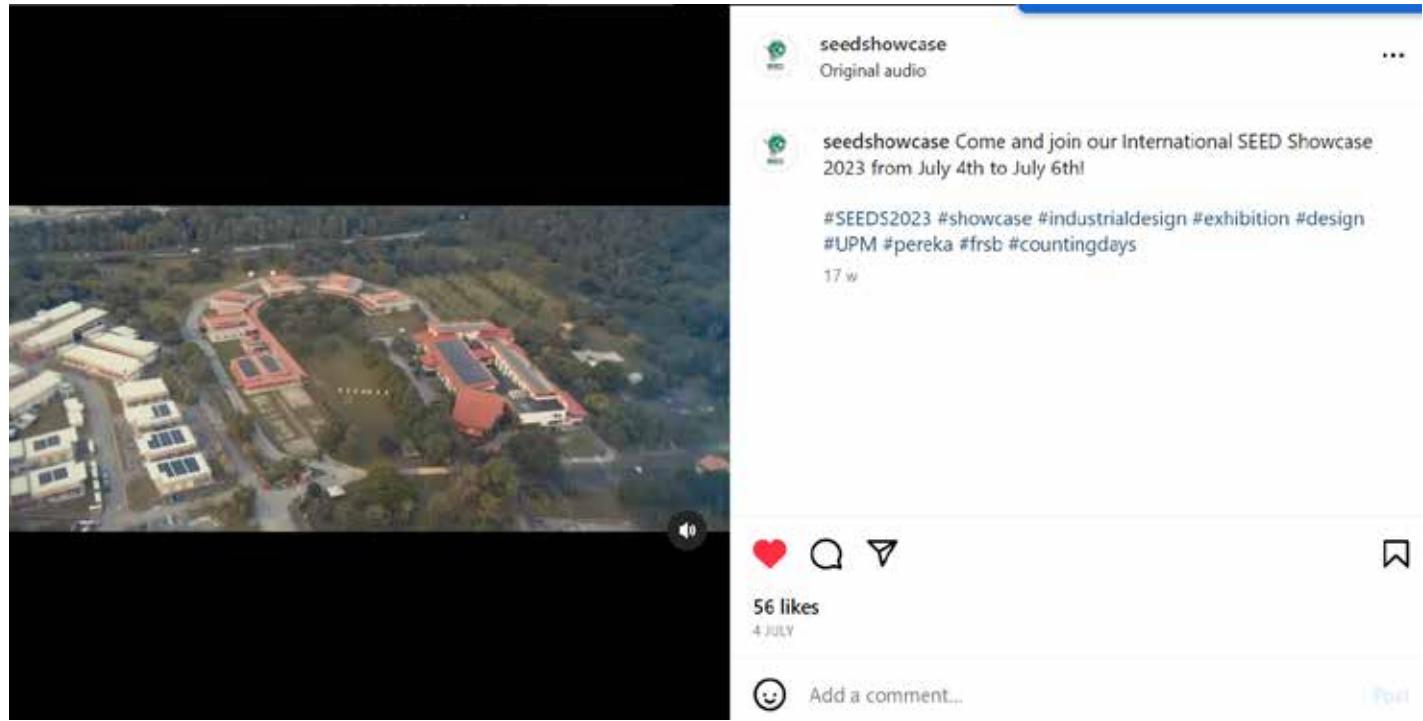
The students, with the guidance of the supervisors, must have a very clear concept, strategic information and a clear method of presentation. The exhibition must have a clear concept such as sustainability, industrial 4.0, technology, or humanity. It is crucial to ensure the themes chosen are relevant and in the mainstream of what the world is in need of at that point in time. The concept or theme must be consistent and embedded within the student's projects and reflected in the exhibition materials. The content should be precise and informative to deliver the specific messages using the right methods of presentation, which will give a better understanding of the subject matter. Good exhibition materials are when it is easily understandable by experts and the public. For industrial design students, translating the concept and technical parts into understandable information is the most challenging task.

## Organising Exhibition

Part of the students learning process would be about organising exhibitions. A committee must be formed among the students with clear objectives and structures with specific roles and responsibilities. An exhibition objective will be a guiding principle for academicians and students in every decision-making process related to the exhibition.

To ensure the holistic planning of an event, the committee must be identified and given specific roles and responsibilities. For example, those in charge of logistics must plan in detail before, during and after the event and post-event. Meanwhile, those in charge of technical should plan all the requirements, equipment and timing to use it. All specific committees must have their own plans, contributing to and aligning with the master plan. The leader of the committee, under the guidance of the academician, must regroup from time to time, gathering updates and progress from all committee members. Identifying challenges and gaps is also vital to the success of the exhibition. Any issues must be addressed immediately to ensure no hindrance to the plan. Escalation to the department or faculty management for any unsolved issues is needed for resolution or assistance.

Financial management is the most challenging task in managing an exhibition. Funding is available from the university, faculty, department, industry sponsorship, the public and self-funding by students. There's lots of paperwork and proposals to be made and engagement with the respective parties is needed to secure funding. As an organiser, sponsorship must be carefully planned and straightforward, providing the benefits of sponsoring and the exposure of the brand throughout the event.



## Social Media

Getting your concept and messaging across to the public and experts must be achieved effectively. Social media today is very dynamic and changing very rapidly. Most leading brands or organisations would capitalise on paid media to ensure the posting went viral and gained lots of attention from viewers. However, as a student's event, paying for such services would be very expensive. Learning from past experiences of the SEED Final Year Exhibition, a framework is needed to pre-plan the social media activities to maximise their impact on the viewers. In other words, it is very much in need of 'WOW' factors.

Alignment with the exhibition theme and objectives is highly needed to ensure relevancy. Uniquely about social media platforms is that messaging needs to be segmented and content creation must be very strategically aligned with the teaser leading to the event to create awareness of the exhibition. The branding elements of the exhibition must be set and consistently displayed on all materials. The look and feel of all related materials must be consistent and visually appealing to the viewers. Messages could be delivered in any way and accepted by viewers. A great

messaging strategy is when the messages delivered can keep the viewers engaged, respond and drop comments.

When your viewers are engaged, indirectly, they will advocate for the exhibition and promote it to family and friends. The committee must use the previous event analytics and learn from the performance of the social media activities. Learn from the mistakes and use the strategies that are working very well. The committee must be able to differentiate between the different types of social media platforms and use the correct materials and styling. The best is to use a variety of materials such as videos, photographs and posters on the social media platforms. For example, a platform like LinkedIn would need more formal and serious posting compared to TikTok, which would be more suitable to use short videos and viral music as background. Based on the trending analytics, posts must be made at specific hours and be consistent. The younger generation would prefer using platforms such as Instagram and TikTok compared to the more senior generation, which would use Facebook.



## Event Organising

Prior to the exhibition day, the committee must plan with great detail the pre-event, during the event and post-event activities. This includes a timeline, budgets and a checklist of tasks to be completed. If that event would require participants or viewers to register prior to attending the exhibition, please find the best and most simple solutions. Make a comprehensive checklist and monitor everyone's performance to ensure everyone delivers his or her duties.

**KEEP EVERYONE IN THE LOOP!** Communication is very crucial in ensuring the exhibition goes smoothly and following the plan accordingly. There are formal and informal types of activities with different strategies that move towards achieving a common goal. Activities such as inviting guest speakers must be done officially by issuing formal invitation letters or emails. As a university-based event, there are several procedures

and processes that need to be completed prior to the event to invite external journalists or request news coverage from the Corporate Communication Unit. Put all the activities in your communication plans and later align them with the master plan of the exhibition.

Getting feedback from everyone is the key to learning from the event or exhibition successes and areas for improvement. This information must be presented to the current committee and the future team transparently.

Remember that each of these general guidelines requires holistic planning and execution. Adapt and be aware that these guidelines may change due to new developments in your exhibition and event. Be prepared to adjust as needed to achieve the best results.

# DEPARTMENT OF ARCHITECTURE SHINES BRIGHT AT PAASWE 2023

Dr. Sarah Abdulkareem Salih



October 4-8, 2023, was a month of glory and achievement for the Department of Architecture, Universiti Putra Malaysia, as they basked in the limelight and garnered numerous awards and accolades at the PAM Annual Architecture Student Works Exhibition 2023 (PAASWE 2023). Our students exhibited excellent brilliance and dedication efforts, earning recognition for their exceptional work.

After weeks of relentless dedication, sleepless working nights, and unwavering efforts, ten of our distinguished students have emerged as stars, achieving remarkable records at PAM 2023. Among the highlights was the "Bronze Medal" for the "Dynamic Dance of Headgear" and "Gold Honourable 4th place" for the exceptional "PAM Best Booth Display Award 2023." Yes, their journey was marked by sweat, perseverance, and the burning desire to excel, but their achievements stand as a testament to their commitment and innovation. The hard work and efforts made along the way have paid off, and the recognition they've garnered is a testament to their exceptional talents and the indomitable spirit that drives them towards success. The ten students were **Muhammad Audy Adam Bin Mohd Famy, Immanuel Gunaraj Alexander, Dian Nurjanah Binti Abdul Kadir, Eddie Irvine George, Ungku Ariff Ahda Bin Ungku Sulaiman, Manuel Govin Gopan, Nurshafiqah Binti Mohd Sadad, Nur Salsabila Binti Shafiee, Assyifa Najihah Binti Rossahit, Anis Suraya Binti Mohd Isa**, coordinated by Dr Sarah Salih as a supervisor lecturer.



The dancing tower concept is driven by the wavy aspect of the Cymatics vibrational phenomena. Together with the technology explained by Hermes Trismegistus, one of the fundamentals of the principle of how the world operates is that nothing rests, everything moves, everything vibrates. Cymatics bridge the gap between the understanding of vibration of wave (dynamic) and static (standing wave). Therefore, the Cymatics phenomena used to exhibit the idea of the steel dancing tower, "Cymatics: Standing Wave". The main function of the project is a display metal booth for displaying design projects. The fixed material used was a metal (100%) to represent the main theme of the project, temporary paper sheets and other material can be included. Since the dancing tower represents a physical material aspect. The headgear project called

"TRIQUENTIC" represented (three) aspects of the human mind's perception (psychological attributes) through the day/life cycle, happiness, neutrality, and sadness.

These ten students are shining examples of what can be accomplished through dedication, determination, and a passion for their chosen field. Their accomplishments are well-deserved and serve as an inspiration to all aspiring students aiming for greatness.

This remarkable achievement was not limited to just these two awards. The department's students also excelled in other categories. For example, both Part 1 (Bachelor of Science Architecture with Honours) and Part 2 (MArch: Master of Architecture) students received recognition for best students' prizes, including Kok





Foon Yi (Part 2), Chew Zhi Yi (Part 1), and Aisyah binti Mohd Anuar (Part 1). Our Part 1 student, Chia Jun (Year 3), also participated and won the Award presentation for the Straw Abstract Art Competition 2023, PAM 2023.

Alon that, UPM was honoured to coordinate this year's event as a secretary of PAASWE 2023, under the coordination of the PAASWE 2023 convener Ar Azli Jamil and a group of distinguished students of Part 1, including: Immanuel Gunaraj, Muhammad Iqhwani, Aalia Nafeesa, Rabiatul Adawiah, Assyifa Najihah, Wong Leng Yong, Teo Hui Fang, Low Mei Wen, Nur Farhanah, Aisyah Mohd Anuar, Tuan Nur Zahirah, Yong Jia Wen, Nur Farzana, Nur Farhanah, Nurin Iman Athirah, Chan Kian Yung, Chia Jun, Nurul Adlyna, Amir Safuan, Tam Yee Hern, Aida Farzan, Ungku Ariff Adha, Ahmad Emran, Nevasini, Muhammad Azizi, Wang Wei Bin, Danial Haiqal, Muhammad Khairul Asyraff, Noor Daniel, Tang YenEe, Nor Farisha, Nur Jannah, Siti Sarah, Alfiyya Salsabila, Sarah Gerviana, and Jalina.

The lecturers at the Department of Architecture, FRSB, UPM, are immensely proud of their students' achievements and delighted to see their students' passion for architecture recognized at such a

prestigious event. This success is not only a reflection of the student's hard work but also a testament to the exceptional guidance and mentorship they receive at the department. We hope such efforts contribute to the mission and vision of our department, faculty and university as a whole.

The awards and recognition received at PAASWE 2023 serve as a source of inspiration for future generations of our department at UPM. They also underscore the department's commitment to fostering creativity, innovation, and excellence in architectural education. As the academic year progresses, we eagerly anticipate more remarkable accomplishments from the students at the Department of Architecture and look forward to their continued success in shaping the future of architectural design.

Finally, congratulations to the students, lecturers, and our department and faculty who participated in this fantastic architectural ceremony event. To the ten students, your hard work and creativity genuinely shine, and we are incredibly proud of your accomplishments! Keep reaching for the stars and inspiring us with your architectural ingenuity!

# LAWATAN KE CITI UNIVERSITY OF MONGOLIA

Ar. IDr. Mohd Azli Mohamad Jamil



Gambar 1.

Ar. IDr. Mohd Azli Mohamad Jamil mewakili FRSB, UPM dari Malaysia di Majlis Rasmi pada Ulangtahun ke 25 CITI University of Mongolia yang diadakan di Mongolia State Government Palace dari TV Mongolia.



Gambar 2

Ar. IDr. Mohd Azli Mohamad Jamil mewakili FRSB, UPM dari Malaysia membentangkan kertas kerja berkaitan kajian PhD beliau di Ulaanbaatar Hotel bersama pembentang di Conference.

CITI University of Mongolia menyambut ulang tahun ke-25 pada tahun 2023. Ar. IDr. Mohd Azli Mohamad Jamil, Pensyarah Jabatan Seni Bina dari Fakulti Reka Bentuk dan Seni Bina, UPM telah dijemput meraikan ulang tahun tersebut bersama delegasi dari UEDA COLLEGE OF FASHION President dari Jepun dan Assoc. Prof. Peer M. Sathikh dari Universiti Teknologi Nanyang dari Singapura serta mendapat siaran liputan televisyen di Mongolia. Ini merupakan rentetan dari siri lawatan dari CITI University of Mongolia pada Januari 2023 di mana beliau telah membawa delegasi dari Mongolia untuk lawatan dan kerjasama di FRSB UPM dan juga pertemuan dengan YBhg. Prof Dr Ismi Arif Ismail, Timbalan Naib Canselor (Akademik dan Antarabangsa) dan telah menandatangani surat hasrat untuk bekerjasama antara kedua-dua universiti. Beliau juga dijemput untuk membentangkan kertas kerja penyelidikan PhD yang sedang dijalankannya pada Persidangan "ICE AND SUCCESS" INTERNATIONAL CONFERENCE pada 13 hingga 15.10.23, lawatan ke universiti dan sekitarnya.



Gambar 3.

Ucapan dari Ar. IDr. Mohd Azli Mohamad Jamil mewakili FRSB, UPM dari Malaysia di Majlis rasmi pada Ulangtahun ke 25 CITI University of Mongolia dengan mengenakan pakaian tradisi Melayu dan bertanjak.

Beliau turut diberi peluang berucap pada majlis rasmi dan memakai pakaian tradisional Baju Melayu bagi memperkenalkan tradisi Melayu dan Malaysia, memandangkan Universiti Citi juga terkenal dengan sekolah seni fesyennya.



Gambar 4.

Bengkel Rekabentuk dan tunjuk ajar dari Ar. IDr. Mohd Azli Mohamad Jamil untuk menerangkan teknik mengolah dari idea kepada model dan hasil akhir kepada pelajar senibina ditemani pegawai ahli bahasa English ke bahasa Mongolia, di CITI University of Mongolia.

Bengkel reka bentuk menggunakan Teknik FIRM (Form, Idea, Run, Model) dari beliau untuk pelajar seni bina, reka bentuk dalaman dan reka bentuk produk juga telah dijalankan pada 16.10.23 di Universiti Citi. Pertemuan dengan pihak pengurusan Citi University turut diadakan pada 16.10.23 bagi membincangkan kerjasama antara kedua-dua pihak termasuk siri pertukaran kuliah, pertukaran pelajar dan pensyarah, kerjasama penyelidikan dan akademik.



Gambar 5.

Perbincangan dua hala dengan Kesatuan Arkitek Mongolia (Union of Mongolian Architects) dan PAM untuk kerjasama Arkitek Profesional kerana beliau juga merupakan Ahli Majlis Pertubuhan Akitek Malaysia (PAM).

Lawatan di Kesatuan Arkitek Mongolia juga diadakan atas kerjasama profesional antara Arkitek Mongolia dan Pertubuhan Akitek Malaysia (PAM) kerana beliau juga merupakan ahli Majlis PAM yang aktif di peringkat ASIA di bawah ARCASIA.

Secara kesimpulannya, lawatan ini melibatkan pembentangan kajian PhD beliau, kerjasama antara dua university, kerjasama antara profesion Arkitek dan berkongsi ilmu serta kepakaran antara kedua pihak dan kolaborasi ini akan berpanjangan kerana banyak aktiviti dan kolaborasi yang boleh dijalankan.

# WELCOMING TEA CEREMONY FOR YEAR ONE STUDENTS

Dr. Annisa Ummihusna Abdul Ghani



On the 9th of October 2023, our Year 1 Architecture students were greeted with open arms at an enchanting event we fondly refer to as the "Tea Ceremony." This meticulously planned event served as both a warm welcome and an ice-breaking activity that aimed to nurture the spirit of teamwork and cooperation among our budding architects.

The centerpiece of this event was a remarkable artistic endeavor, where a lengthy expanse of tracing paper became a canvas for creativity. The students embarked on a unique journey as we adorned this paper with delicate tea and coffee stains, meticulously crafted to represent the graceful flow of a river. This simple yet meaningful act symbolized the importance of fluidity, adaptation, and the ever-changing nature of architectural design.

Our enthusiastic students, divided into groups of six, were then tasked with a remarkable challenge – designing their own cities along this symbolic river. With boundless creativity and freedom, they unleashed their ideas, dreams, and visions onto the canvas of their choice. The room buzzed with energy and excitement as these young architects used freehand drawings to bring their dream cities to life.

This "Tea Ceremony" event wasn't just about sipping tea; it was a journey of artistic expression, collaboration, and the beginning of a shared dream. It allowed our students to form connections, both with each other and with the canvas before them, setting the stage for a year of inspired architectural exploration.



# WORLD OF DIGITAL BUILT ENVIRONMENT SUMMIT 2023

## - HELSINKI, FINLAND

Dr. Athira Azmi

20th September Session 4: Emerging Technologies

"Sustainable Real Estate using Virtual Reality for Housing Evaluation"

**Athira Azmi (MY)**  
Universiti Putra Malaysia

**INVESTING IN CLIMATE THROUGH TECH, 19-20 SEPTEMBER, WDBE.ORG**

**Athira Azmi**  
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Master of Architecture, University of Sydney, Australia  
Bachelor of Design in Architecture, University of Sydney, Australia.



20 September 2023, Helsinki - Ar. Dr. Athira Azmi from the Architecture Department, FRSB UPM was selected as one of the speaker in World of Digital Built Environment 2023 (WDBE 2023) held in Helsinki, Finland to talk about her research regarding the use of Virtual Reality for sustainable housing evaluation.

"Investing in Climate Through Tech" was the WDBE 2023 theme this year. This event brought together digital built environment enthusiasts and professionals from real estate, construction, architects, engineers, researchers, and experts in BIM, VDC, AR/VR, Big Data, IoT, virtual project delivery, and more to present their research, solutions, projects, and achievements.

For the sixth year in a row, WDBE presented a comprehensive overview of the most important current events, phenomena and solutions in the field of digital built environment. With the short presentation from her research, this summit brings UPM to the eye of leading built environment experts and professionals in Europe, at the same time highlighting FRSB Architecture Department's niche towards sustainability through latest research in digital technologies in the built environment.



# PROGRAM PEMANTAPAN KERJA BERPASUKAN **‘TEAM BONDING’** **FRSB 2023**

DI PUSAT PENDIDIKAN PERHUTANAN SULTAN  
IDRIS SHAH (SISFEC), FAKULTI PERHUTANAN DAN  
ALAM SEKITAR, UPM

Sarah Salwah Adnan



Program Pemantapan Kerja Berpasukan 'Team Bonding' untuk semua staf Fakulti Rekabentuk dan Senibina (FRSB) UPM telah diadakan pada 19 September 2023 (Selasa) selama satu hari bertempat di Pusat Pendidikan Perhutanan Sultan Idris Shah (SISFEC), Fakulti Perhutanan dan Alam Sekitar, UPM. Kali terakhir Program Team Bonding FRSB diadakan adalah pada tahun 2017, juga di lokasi yang sama iaitu di SISFEC UPM.

Program Pemantapan Kerja Berpasukan 'Team Bonding' ini telah dikendalikan oleh Encik Mohd. Redzuan Zamberi, Pegawai Psikologi yang juga merupakan Ketua Seksyen Kaunseling Kerjaya di Bahagian Kaunseling Universiti. Beliau turut dibantu oleh En. Zainal Abidin Shaari, yang juga mesra dengan panggilan Yeop dan En. Redzuan sebagai Abang Long. Kedua-duanya merupakan Certified Coach Indoor Teambuilding, pilihan terbaik fasilitator untuk program kali ini.

Sesi dimulakan dengan penerangan lengkap berkaitan SISFEC oleh En. Mohd Farhan Shahrin, Pemelihara Hutan yang juga merupakan Ketua Seksyen Sumber Alam di SISFEC. Terdapat banyak spesis flora dan fauna di SISFEC yang boleh diterokai oleh staf UPM. Sesi diteruskan dengan penerangan aktiviti 'Team Bonding' oleh En. Mohd Redzuan Zamberi. Program turut diceriakan dengan pergerakan tepuk semangat 'Tahniah, chikica' yang dilakukan secara serentak dan seragam oleh semua staf.

Selepas itu, kami beralih ke bilik sebelah yang lebih luas untuk *Indoor game session*. Ianya dimulai dengan Kawad Mandi sebagai pergerakan semangat berkumpulan. Kami semua seronok dan bergembira dalam melaksanakan pergerakan Kawad Mandi ini, ianya sangat mencabar dari segi daya ingatan dan fokus. Kami beralih pula kepada permainan 'Single Line', dengan andaian kami semua sedang berada di atas satu titi dan di bawah adalah sungai yang dipenuhi dengan buaya-buaya ganas. Kami diminta menyusun barisan kami mengikut abjad nama, umur, saiz kasut dan akhirnya ketinggian.

Aktiviti diteruskan dengan permainan 'Love Ball' dimana bola kecil perlu kami berikan kepada kawan sebelah menggunakan leher kami. Kerjasama dan strategi yang bijak amat diperlukan untuk merealisasikan kejayaan permainan ini. Permainan keempat adalah 'War Cry' iaitu perlawanan sorakan menggunakan pergerakan Kawad Mandi mengikut kreativiti dan inovasi kumpulan masing-masing. Tahniah kepada kumpulan staf yang telah memberikan persembahan hebat dan terbaik dan memenangi perlawanan antara kumpulan. Semua staf FRSB memberikan kerjasam yang sangat baik sepanjang aktiviti dilaksanakan dan menunjukkan sikap yang amat sporting , riang dan ceria.



Selesai makan tengahari dan solat zohor, modul 'team bonding' diteruskan dengan permainan 'Hospital Tag'. separuh kumpulan staf menjadi doktor dan separuh lagi menjadi pesakit. Kumpulan yang mengambil peranan sebagai doktor perlu menghabiskan stok picagi sebanyak 3 kali suntikan dengan menggunakan apa sahaja kaedah yang ada. Kemudian kumpulan staf ini bertukar peranan, yang menjadikan episod drama 'balas dendam' menarik dan tak kering gusi.

Indoor game terakhir kami adalah Gempur (Pemburu-Terbakar-Gempa). Terdapat dua peranan dalam permainan ini iaitu sebagai pokok atau arnab. Kami perlu peka dengan word signal yang diberikan oleh fasilitator iaitu 'Gempa', 'Pemburu' atau 'Terkbakar'. Bertempiaran kami lari dan beralih tempat apabila mendengar perkataan 'Gempa', 'Pemburu' atau 'Terkbakar'. Pelbagai karakter ceria sepanjang aktiviti dijalankan dan staf kelihatan seronok dengan permainan tersebut.



Program kami diakhiri dengan aktiviti fizikal dimana kami dibawa merentas hutan oleh staf Renjer Hutan SISFEC untuk mencari air terjun 'Blue Lagoon' yang sangat cantik. Alangkah sedih dan kecewanya kami, hasrat untuk ke Blue Lagoon tidak kesampaian akibat cuaca buruk. Kami dinasihatkan untuk berpatah balik kerana keadaan hujan lebat bakal menyukarkan perjalanan kami ke sana dan bimbang akan keselamatan semua staf. Kami pulang semula dalam keadaan baju, seluar dan kasut yang basah tetapi gembira dan puas kerana dapat berjalan dalam hujan. Kami berharap diberikan kesempatan pada ketika yang lain untuk melakukan aktiviti jungle trekking dan mandi-manda di air terjun 'Blue Lagoon' SISFEC. Terima kasih kepada pihak SISFEC, FHAS kerana memberi ruang kami menggunakan kemudahan di SISFEC untuk program 'Team Bonding' kami.



Semua aktiviti 'Team Bonding' yang dikendalikan oleh Abang Long dan Yeop sangat menarik dan dalam masa yang sama turut diselitkan elemen pengajaran, emosi, simbolik dan perkongsian ilmu yang perlu diselami oleh semua staf. Kerjasama, perpaduan dan penyatuan bersama-sama semua staf tanpa mengira pangkat dan kedudukan amat diperlukan untuk memastikan kejayaan dan kecemerlangan sesebuah organisasi.

Tahniah dan terima kasih kepada En. Redzuan dan En. Zainal atas pengendalian modul 'team bonding' yang sangat menarik dan terbaik untuk staf FRSB. Semoga diberikan peluang untuk kami bekerjasama lagi untuk program yang akan datang.





# SELAMAT DATANG & SETINGGI -TINGGI

## Tahniah Kepada PELAJAR BAHARU

FAKULTI REKABENTUK DAN SENIBINA, UNIVERSITI PUTRA MALAYSIA

**WELCOME & CONGRATULATIONS TO THE NEW STUDENTS OF THE  
FACULTY OF DESIGN AND ARCHITECTURE UNIVERSITI PUTRA MALAYSIA**

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# MAJLIS TAKLIMAT PELAJAR BAHARU SESI 2023/2024 BERSEMPENA PROGRAM PERKASA PUTRA, FAKULTI REKABENTUK DAN SENIBINA

Nor Azlinda Othman

Majlis Taklimat Pelajar Baharu Sesi 2023/2024 bersempena Program Perkasa Putra, Fakulti Rekabentuk dan Senibina telah diadakan di Dewan Reka Bentuk pada 3 Oktober 2023 (Selasa). Seramai 114 pelajar baharu telah mendaftar sebagai pelajar Fakulti Reka Bentuk dan Senibina yang terdiri daripada program Bacelor Seni Bina Lanskap Dengan Kepujian seramai 38 orang pelajar, Bacelor Sains Seni Bina Dengan Kepujian seramai 44 orang pelajar dan Bacelor Reka Bentuk Perindustrian Dengan Kepujian seramai 32 orang pelajar.

Program ini dimulakan dengan sesi pendaftaran pelajar baharu, diikuti dengan ketibaan Ahli Pengurusan dan semua Pensyarah di Fakulti Rekabentuk dan Senibina disusuli dengan tayangan video fakulti. Seterusnya Dekan Fakulti iaitu Prof. MadyA Lar. Dr. Suhardi Maulan telah menyampaikan ucapan aluan diikuti oleh Taklimat Akademik dari Timbalan Dekan (Akademik Dan Hal Ehwal Pelajar & Alumni) iaitu Prof. Madya. Dr. Zalina Shari. Para pelajar baharu diberikan ruang untuk

berkenalan dan sesi ramah mesra bersama Persatuan Mahasiswa Fakulti (DeArtSa). Pada sesi tengahari pula, semua pelajar baharu terlibat dengan Taklimat Jabatan dan Sesi bersama Penasihat Akademik masing-masing. Sesi ini berlangsung di Bilik Kuliah 1, Bilik Kuliah 2 dan Dewan Reka Bentuk Fakulti Rekabentuk dan Senibina mengikut program masing-masing.

Pada sebelah petang pula, sesi penerangan berkenaan pendaftaran kursus melalui Sistem Maklumat Pelajar (eSMP) berdasarkan Booklet Panduan Pendaftaran Kursus mengikut program masing-masing diadakan di Makmal Komputer 1 dan Makmal Komputer 2. Sesi penerangan pendaftaran kursus ini dibantu oleh *facilitator* dari pelajar-pelajar *senior* semua program. Sepanjang program ini berlangsung, pelbagai aktiviti akan dilaksanakan oleh pihak Fakulti Rekabentuk dan Senibina untuk diperkenalkan kepada para pelajar baharu nanti. Tahniah dan Selamat Datang kepada semua pelajar-pelajar baharu ke Fakulti Rekabentuk Dan Senibina, Universiti Putra Malaysia.



# HAPPY BIRTHDAY *Oktober*

Ar. Wan Sofiah Wan Ishak (2 Oct)

Puan Sarah Salwah Adnan (2 Oct)

LAr. Asraf Abdul Rahman (4 Oct)

Dr. Sarah Salih (4 Oct)

Dr. Mohd Faiz Yahaya (10 Oct)

Puan Zetty Fazleen Anuar (10 Oct)

Ar. Norzaini bin Mufti @ Ahmat (10 Oct)

Pn. Marini Abd Kadir (14 Oct)

Ar. Dr. Athira Azmi (23 Oct)

Prof. Madya Ts. Dr. Hassan Hj. Alli (26 Oct)

YM Prof. Madya Ts. Dr. Raja Ahmad Azmeer Raja Ahmad Effendi (28 Oct)

Puan Nursyida Mansor (30 Oct)

Ar. IDr. Mohd Azli Mohamad Jamil (31 Oct)







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