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السَّلَامُ عَلَيْكُمْ وَرَحْمَةُ اللَّهِ وَبَرَكَاتُهُ

Bismillahirrahmanirahim

'Jadilah cahaya bagi orang lain,'

Pernah dengar ungkapan ini? Secara simboliknya, ungkapan ini membawa maksud agar kita disaran menjadi satu sosok peribadi yang mampu menerangi orang lain sesuai dengan daya dan kemampuan yang dimiliki melalui pelbagai cara samada memberikan pertolongan, menyebarkan kebaikan dan apa jua yang memberikan aura positif kepada orang di sekeliling kita. Sempena perayaan Deepavali yang lebih dikenali sebagai pesta cahaya ini, sama-sama kita amati bagaimana cara untuk menjadi cahaya yang mampu menerangi orang lain.

Kerja atau karya adalah salah satu cara untuk menerangi orang lain. Melalui karya atau hasil kerja yang konsisten, kita dapat memberi manfaat kepada orang lain, walau sekecil apapun hasilnya itu. Melaluinya juga, kita turut dapat menginspirasi orang lain untuk sama-sama berkerja dan berkarya. Justeru itu, hasil karya yang kita hasilkan akan menjadi satu lingkaran kebaikan dan kebahagiaan meskipun tanpa kita sedari.

Bila kali terakhir kita melakukan suatu kebaikan? Jangan lupa, kebaikan adalah cahaya terang yang boleh dilakukan oleh setiap orang, tidak kira siapapun orang itu. Berbuat baik adalah cara yang tepat agar kita mampu menjadi cahaya bagi orang lain. Melalui kebaikan yang kita lakukan, kita dapat memberi bantuan dan menyebarkan kebahagiaan. Jangan remehkan kebaikan yang mungkin kita anggap kecil, tapi sebenarnya kebaikan itu amat bererti bagi orang yang memerlukannya. Dan jangan pula merasa kecewa jika kebaikan kita tidak dihargai. Percayalah, bahawa tiada kebaikan yang sia-sia.

Setiap manusia ingin dimengerti dan difahami. Kita tidak boleh terburu-buru berprasangka buruk kepada orang lain, apalagi menghakimi mereka tanpa usul periksa. Jadi di saat kita berusaha untuk memahami orang lain dari pelbagai sudut pandangan, sebenarnya kita turut menjadi cahaya bagi orang lain. Ini kerana, saat kita mampu menjadi peribadi yang lebih bijaksana, di saat itu lah kita mampu menerangi orang lain.

Dekan



BECOMING A PROFESSIONAL ARCHITECT (ARCHITECT /AR.) IN MALAYSIA:

A GUIDE FOR HIGH SCHOOL GRADUATES

Ar. Mohd Azli Mohamad Jamil

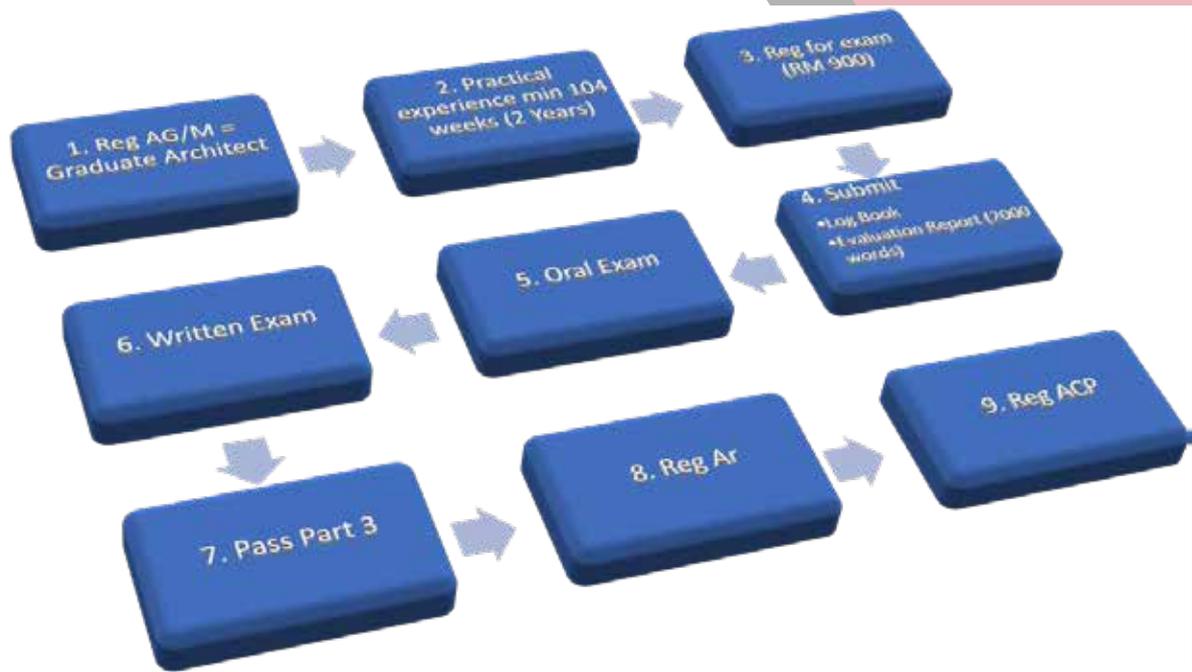
Pathway to Becoming an Architect in Malaysia

High school graduates in Malaysia aspiring to become professional architects have a well-defined educational path to follow. The first step is to obtain a bachelor's degree in architecture, which typically takes five years to complete. During this time, students will undergo a comprehensive curriculum that covers various aspects of architectural design, engineering, and theory.

After completing their undergraduate degree, aspiring architects must then pass the Malaysian Architects Act examination, a rigorous assessment of their knowledge and skills after registered as graduate architects and required to undergo a period of practical training,

typically lasting two years, under the supervision of an experienced architect. Once they have successfully passed this exam, they can apply for registration as a Professional Architect with the Board of Architects Malaysia.

The journey to becoming a Professional Architect in Malaysia does not end there. This hands-on experience allows them to apply the knowledge and skills they have acquired in a real-world setting, further honing their abilities, and preparing them for the demands of the profession.



The road map from graduate architect to Architect and Architectural Consultancy Practice.

Challenges and Opportunities in the Malaysian Architectural Profession

The architectural industry in Malaysia is undergoing a period of significant transformation, driven by the country's ambitious economic development goals. (Amar & Ariffin, 2019) The Construction Industry Transformation Programme, for instance, aims to propel Malaysia towards becoming a high-income nation, and architecture is recognized as a skilled, sought-after, and strategic profession.

However, this rapid growth has also led to challenges, such as a talent shortage in the industry. Architectural firms, particularly small and sole proprietorships, often struggle to retain experienced architects, with high turnover rates limiting the opportunities for employee creativity and career progression.

This contradiction between the supply and demand of talent has prompted architectural education programs in Malaysia to focus on enhancing the employability skills of their graduates, ensuring they are better equipped to meet the industry's needs upon entering the workforce.

Preparing for a Career in Architecture

As aspiring architects navigate their educational journey, it is crucial that they develop a strong foundation in both technical and soft skills. Technical skills, such as proficiency in computer-aided design software, 3D modeling, and construction documentation, are essential for the day-to-day tasks of architectural practice. (Mari et al., 2019)

Equally important are the soft skills that enable architects to collaborate effectively with clients,

engineers, and other stakeholders. These include strong communication abilities, problem-solving skills, and a keen eye for detail.

Educational Requirements for Aspiring Architects

The Bachelor of Architecture degree in Malaysia typically takes five years to complete and covers a wide range of topics, including (Ding, 2020): (Ding, 2020)

- Architectural design and studio projects
- Architectural history and theory
- Architectural design and studio work
- Building structures and construction technology
- Environmental and sustainable design
- Professional practice and management

And other subjects under university and Board of Architects Malaysia requirements.

During their studies, students are also expected to complete a final-year thesis or graduation project, which serves as a capstone to their education and a showcase of their design abilities.

To ensure that graduates are well-prepared for the realities of architectural practice, many universities in Malaysia are integrating more practical experiences into their curricula, such as internships and industry-led projects.

In addition to their coursework, architecture students must also complete a comprehensive graduation project, which serves as a capstone to their educational journey.

The professional Architect exam in Malaysia

To become a registered Professional Architect in Malaysia, candidates must pass the Malaysian Architects Act examination. This comprehensive exam tests the candidate's knowledge and skills in various aspects of architectural practice, including design, construction, project management, and professional ethics.

The exam process typically involves the following steps:

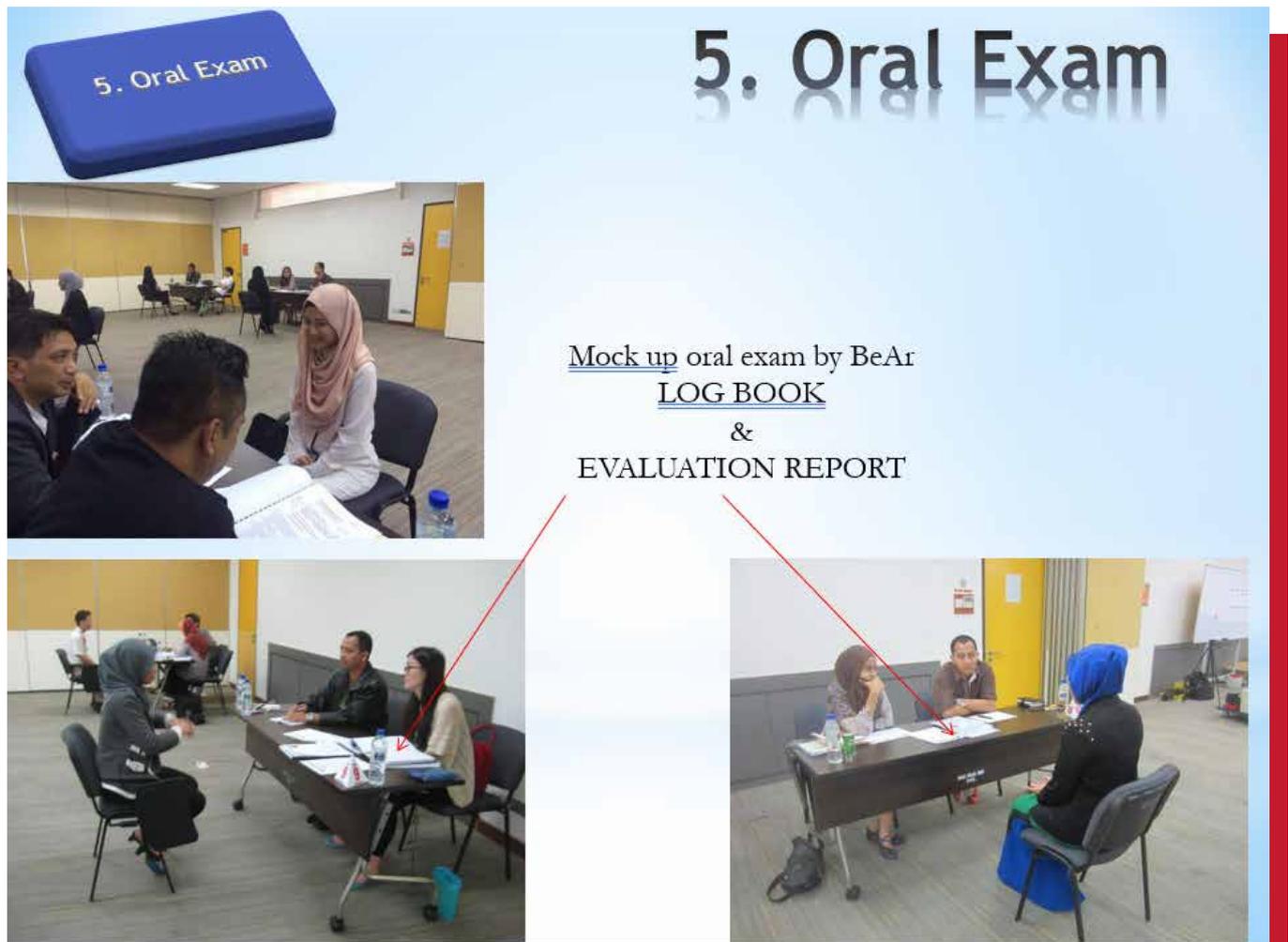
1. Complete an accredited Master of Architecture or Part 2 program (Wei & Yang, 2014) before passing the exam Ar. or Part Three.
2. Gain a minimum of 2 years of practical experience under the supervision of a registered Architect.
3. Apply to take the Malaysian Architects Act examination
4. Pass the oral and written exams, which cover both theoretical and practical aspects of architectural practice

5. Become registered as a Professional Architect with the Board of Architects Malaysia

Passing the exam is a significant milestone, as it demonstrates the candidate's mastery of the knowledge and skills required to practice architecture safely and effectively in Malaysia.

Throughout this journey, aspiring architects must be willing to continuously develop their skills and knowledge, as the architectural profession is constantly evolving. Continuing professional development, such as attending workshops, conferences, and pursuing additional certifications, is essential for maintaining competitiveness and staying up to date with industry trends and best practices.

In conclusion, the path to becoming a Professional Architect in Malaysia is a well-defined and challenging one, but one that offers immense opportunities for those who are passionate about design, innovation, and the built environment.



5. Oral Exam

Mock up oral exam by BeAr
LOG BOOK
&
EVALUATION REPORT

A mock-up oral before the oral exam with two panels.

Employability and the Transition to Practice

While the architectural education system in Malaysia is robust, there is a recognized need to better bridge the gap between learning and employability. Employers often seek new recruits who can hit the ground running and contribute to design projects immediately, a demand that can sometimes exceed the capabilities of recent graduates. (Ding, 2020)

To address this, universities are focusing on enhancing the employability skills of their architecture students, such as:

- i) critical evaluation of the learning in architecture education and the immediate need for interventions to prepare its graduates for the real world, and
- ii) there is abundance of employability skills related studies mostly in other fields with very limited in the architecture studies of Malaysian context.

The study cited in (Mari et al., 2019) aims to investigate the readiness of architecture graduates for the practice from the graduates and employers' perspectives. By understanding the expectations and experiences of both groups, educators can better align their curricula and support mechanisms to ensure a smoother transition from academia to professional practice.

Accredited Architecture Programs in Malaysia

The Board of Architects Malaysia is responsible for accrediting and overseeing architectural education in the country. Currently, there are several universities in Malaysia that offer accredited Bachelor of Architecture programs, including:

- Universiti Teknologi Malaysia
- Universiti Teknologi MARA
- Universiti Malaya
- Universiti Sains Malaysia
- Universiti Kebangsaan Malaysia
- Universiti Putra Malaysia
- Universiti Malaysia Sarawak, and other University accredited by Board of Architects Malaysia.
- and the list of accredited programs is regularly updated on the Board of Architects Malaysia website at <https://www.lam.gov.my/boards-of-architects-malaysia>

These programs are designed to provide students with a comprehensive education in architectural design, theory, and practice, preparing them for the challenges of the profession.

Admission Criteria for Architecture Schools in Malaysia

To be admitted into an accredited Bachelor of Architecture program in Malaysia, prospective students must meet the following criteria:

- Possess a Malaysian Certificate of Education or its equivalent with a minimum of 5 credits, including Mathematics and a Science subject.
- Demonstrate a strong aptitude and passion for design, creative thinking, and spatial problem-solving.
- Participate in a selection process that may include an interview, a drawing test, and a portfolio review to assess the applicant's suitability for the program.
- The selection process is highly competitive, as architectural programs in Malaysia are in high demand.

Prospective students are advised to start preparing their portfolios and honing their design skills well in advance to increase their chances of admission.

Conclusion

Becoming an Architect in Malaysia is a challenging yet rewarding journey that requires a combination of rigorous academic training, practical experience, and a commitment to lifelong learning.

By completing an accredited Bachelor of Architecture program, gaining the necessary practical experience, and passing the Malaysian Architects Act examination, aspiring architects can position themselves for success in this dynamic and ever-evolving field.

As the Malaysian construction industry continues to grow, the demand for skilled architects is expected to remain high, offering promising career prospects for those who are willing to take on the challenges and embrace the opportunities that the profession presents.

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THE EFFECTIVENESS OF RISK PROCESS PRACTICE IN MALAYSIA'S LANDSCAPE PLANNING PROJECT LIFECYCLE

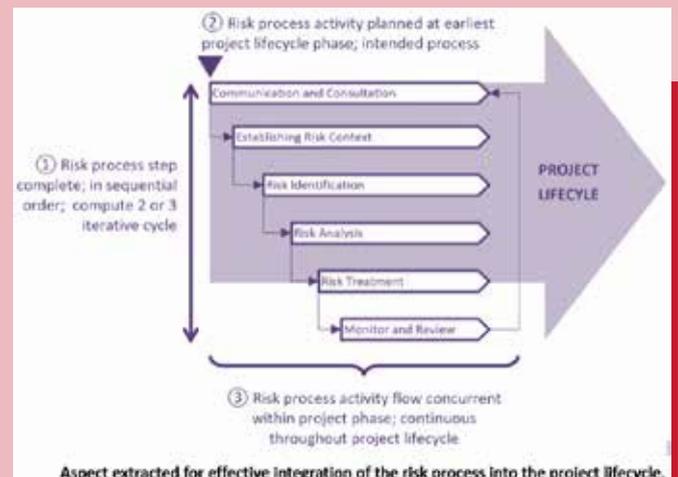
LAr. Ts. Dr. Adam Aruldewan S.Muthuveeran



Landscape planning projects are complex, fast-paced, and subjective, making risk management crucial for project performance and achieving project goals. Integrating risk processes into project management structures is essential for delivering effective outcomes. However, few provide detailed explanations for integrating risk processes into the project lifecycle, particularly for landscape planning projects. A study was conducted to determine the effectiveness of current risk process practices within the landscape planning project lifecycle, evaluating step completeness, determining the risk process starting phase and intention, and examining the identify-analyse-treat risk process flow. The study examined eight risk management standards and guides, identifying six main sequential risk processes: Communication and Consultation, Establishing Risk Context, Risk Identification, Risk Analysis, Risk Treatment, and Risk Monitoring And Review. The project lifecycle varies among organizations and industries, with four general phases: initiating, planning, organizing, carrying out work, and wrapping up. The research summarized these discourses in the context of a landscape planning project in Malaysia.

Results showed that 2 out of 12 organizations (17%) successfully integrated the risk process step into their project lifecycle. Risk activity was proactively identified and intended to be mitigated during the initial planning phase, and execution of the activity flow occurred throughout the project phase. However, the integration was only moderately effective in 3 out of 12 organizations (25%). The majority of 7 out of 12 organizations (58%) were ineffective in integrating the risk process, with most of the flow resulting in redundancy. The study reveals a discrepancy between the proposed risk management literature and actual practices, hindering the practical application of risk processes in urban landscape planning initiatives. The research aims to help landscape project practitioners assess their current risk management practices and develop strategies for further development. The integration of project activities into a single, interdependent process could enhance risk management and its application in urban landscape planning projects in Malaysia by increasing comprehension.

This study presented during International Sustainable Ecological Engineering Design for Society Conference (SEEDS 2024) at Leeds Beckett University, Leeds, United Kingdom on 27-28 August 2024.



FRSB DIPILIH SEBAGAI LOKASI BENGKEL BLUEPRINT KETERJAMINAN MAKANAN DAN MESYUARAT LEMBAGA PENGARAH UNIVERSITI PUTRA MALAYSIA

Madiha Hailani



SRI SERDANG, 22 Oktober 2024 - Fakulti Rekabentuk dan Senibina telah berbesar hati menerima kehadiran barisan Ahli Lembaga Pengarah dan Pengurusan Universiti Putra Malaysia ke Fakulti pada 22 Oktober 2024. FRSB telah dipilih sebagai lokasi untuk mengadakan Bengkel Blueprint Keterjaminan Makanan dan Mesyuarat Lembaga Pengarah Universiti Putra Malaysia kali ke- 180.

Ahli Pengurusan Fakulti Rekabentuk dan Senibina diketuai oleh Dekan, Prof. Madya Ts. Gs. Dr. Mohd Johari Mohd Yusof telah menyambut baik kehadiran mereka

di foyer fakulti sekitar pukul 9 pagi. Ahli Lembaga Pengarah Universiti turut berkesempatan melihat pameran MIDI yang sedang berlangsung di Galeri Serdang. Para pensyarah dari Jabatan Rekabentuk Perindustrian berpeluang memberikan penerangan ringkas berkenaan hasil kerja pelajar di pameran tersebut. Mereka turut di bawa melihat kemudahan terkini di Fakulti iaitu Cafe Dine & Design yang telah memulakan operasi sejak dua bulan yang lalu.

Terima kasih diucapkan atas kehadiran seluruh Jemaah LPU ke Fakulti Rekabentuk dan Senibina.



UPM FAKULTI REKABENTUK DAN SENIBINA PUTRA
 Sesi Perkongsian:
**KERJA SIBUK
 TETAPI JIWA
 KOSONG?**
 24 OKTOBER 2024 (KHAMIS)
 9.00AM - 12.00PM
 DEWAN REKA BENTUK,
 Fakulti Rekabentuk dan Senibina

Penceramah: Puan Siti Fatimah Abdul Ghani
 Kaunselor Berdaftar,
 Ketua Seksyen Perkhidmatan Intervensi,
 Pejabat Pendaftar UPM

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SESI PERKONGSIAN: 'KERJA SIBUK TETAPI JIWA KOSONG?'

Sarah Salwah Adnan

UPM SERDANG, 24 Oktober 2024 - Sesi Perkongsian bertajuk 'Kerja Sibuk Tetapi Jiwa Kosong?' telah dilaksanakan pada 24 Oktober 2024 (Khamis) yang lalu di Dewan Reka Bentuk, Fakulti Rekabentuk dan Senibina, Universiti Putra Malaysia (UPM), dan dihadiri oleh seramai 34 orang yang terdiri daripada staf Fakulti Rekabentuk dan Senibina dan Pusat Tanggung jawab (PTJ) lain di UPM.

Sesi perkongsian ini telah disampaikan dengan cemerlang secara santai dan menarik oleh Kaunselor 'Celebriti' UPM, Puan Siti Fatimah Abdul Ghani (lebih dikenali sebagai Puan CTF), Kaunselor Berdaftar yang juga merupakan Ketua Seksyen Perkhidmatan Intervensi, Pejabat Pendaftar, UPM. Sesi perkongsian bertajuk 'Kerja Sibuk Tetapi Jiwa Kosong?' ini telah diadakan bermula jam 9.30 pagi hingga 12.00 tengahari.



Di dalam sesi perkongsian tersebut, Pn. Siti Fatimah telah menerangkan berkenaan 'Teori Fasa Career Super' di mana ianya mempunyai lima (5) Fasa iaitu (1) Fasa Pertumbuhan: Pengenalan kepada dunia kerja semasa zaman kanak-kanak; (2) Fasa Penjelajahan: Pencarian pilihan kerjaya semasa remaja dan awal dewasa; (3) Fasa Penubuhan: Memulakan kerjaya dan mendapatkan pengalaman; (4) Fasa Pemeliharaan: Mempertahankan dan mengekalkan kedudukan dalam kerjaya; (5) Fasa Penurunan: Persaraan dan peralihan kepada fasa kehidupan yang lain.

Puan Siti Fatimah juga telah menerangkan tentang 'Model Tuckman', model ini boleh diaplikasikan dalam Fasa pembangunan kerjaya, yang mana ianya lebih dikenali dalam konteks kerja berpasukan. Model ini merangkumi: 'Forming': Pembentukan pasukan dan pengenalan individu; 'Storming': Pertikaian dan konflik antara ahli pasukan; 'Norming': Penetapan norma dan kerjasama; 'Performing': Pencapaian tahap prestasi tinggi dan 'Adjourning': Penutupan dan perpisahan pasukan.

Pelbagai aktiviti telah dilaksanakan sepanjang sesi perkongsian tersebut antaranya permainan meniup belon. Pemilik belon yang sama dikumpulkan dalam satu kumpulan dimana kumpulan tersebut perlu membuat persembahan 'cheer' yang menyatakan motto dan persamaan yang terdapat dalam ahli kumpulan. Selepas itu, setiap peserta diminta berdiri mewakili negeri tempat asal tanah tumpah darah. Pada masa ini, kita dapat lihat peserta yang secara automatiknyanya menjadi ketua dan ada yang hanya sekadar menjadi pengikut.

Kata-kata terakhir yang sangat simbolik dan pastinya tersemat di hati semua peserta iaitu: 'Two things to remember in life: Take care of your thoughts when you are alone, and take care of your words when you are with people.'



AUDIT PENSIJILAN SEMULA SIRIM

BAGI SISTEM PENGURUSAN KESELAMATAN
MAKLUMAT (ISMS) ISO/IEC 27001:2013,
UNIVERSITI PUTRA MALAYSIA

Sarah Salwah Adnan



UPM SERDANG, 17 Oktober 2024 - Fakulti Rekabentuk dan Senibina (FRSB), Universiti Putra Malaysia (UPM) telah terpilih sebagai sampel untuk Audit Pensijilan Semula SIRIM bagi Sistem Pengurusan Keselamatan Maklumat (ISMS) ISO/IEC 27001:2013 untuk tahun 2024.

Puan Fazlin Zakaria, Auditor bertauliah dari SIRIM telah melaksanakan audit untuk Skop Penilaian Pengajaran Prasiswazah di Fakulti Rekabentuk dan Senibina bermula dari jam 3.30 petang hingga 5.00 petang bertempat di Bilik Seminar dan Pejabat Timbalan Dekan (Akademik, Antarabangsa dan HEPA). Sebelum itu, Puan Fazlin Zakaria telah melaksanakan audit ISMS di Pusat Pembangunan dan Kecemerlangan Kepemimpinan Akademik (CADE-Lead) dan Fakulti Pengajian Pendidikan di sebelah pagi, seterusnya disambung audit pada sebelah petang iaitu Fakulti Perubatan Veterinar, juga untuk skop Penilaian Pengajaran Prasiswazah.

Audit Pensijilan Semula SIRIM melibatkan Sistem Pengurusan Kualiti (QMS) MS ISO 9001:2015 dan Sistem Pengurusan Keselamatan Maklumat (ISMS) ISO/IEC 27001:2013 sedang dilaksanakan di UPM bermula dari 14 Oktober 2024 sehingga 23 Oktober 2024. Semoga Allah permudahkan segala urusan audit bagi semua Pusat Tanggung jawab (PTJ) UPM yang terlibat.



INTERNATIONAL MIDI SHOWCASE 2024: IN COLLABORATION WITH THE ACADEMY OF FINE ART GDANSK, POLAND

Ts. Dr. Khairul Manami Kamarudin

SRI SERDANG, 15th October 2024 - The Department of Industrial Design, Faculty of Design & Architecture, Universiti Putra Malaysia (UPM) has just launched an "International MIDI Showcase 2024: In Collaboration with The Academy of Fine Art Gdansk, Poland" on the

15th and 16th of October 2024, at Galeri Serdang, UPM. The event showcases the final work of 22 Master in Industrial Design Innovation (MIDI) students of UPM and fascinating artworks from Dr Dominika Golebiewska, from the Academy of Fine Art, Gdansk, Poland.





MIDI 2022: "Design Thinking and Innovation"



MIDI 2023: "The Integration of Past and Future Design"



MIDI 2024: "Human Touch: Hope of the Future"

Each year, the MIDI program will conduct a showcase to exhibit the final work of students. It is aimed to introduce the output of a one-year research project and collaboration with a company of interest to a wider design community. The showcase gives opportunity for MIDI students to present the design project to industry professionals and educational institutions at various levels, in an effort to commercialise the design outcomes. Through the exhibition, students too have the opportunity to organise an event that builds networks with various parties, including external organisations, the community, and alumni of the industrial design field.

The MIDI Showcase has played a pivotal role in showcasing the talents and innovations of industrial design students since its inception. The inaugural

edition in 2022, themed "*Design Thinking and Innovation*" explored creative problem-solving and innovative design practices. In 2023, the second edition, titled "*The Integration of Past and Future Design*" emphasised blending traditional principles with modern technologies.

Now in its third edition, the MIDI SHOWCASE 2024 features the theme "*Human Touch: Hope of the Future*". This year, it highlights the significance of a human-centred approach to design and sustainability. The showcase provides students with a platform to present their final projects to industry professionals and educational institutions, fostering collaboration and networking opportunities while emphasising empathy and environmental responsibility in shaping the future of design.



HUMAN TOUCH: HOPE OF THE FUTURE

This year's exhibition, titled "*Human Touch: Hope of the Future*" explores the vital role of humanity—particularly designers in an increasingly AI-driven world. In a time when technology often seems to overshadow the human experience, the showcase reminds us of the power of creativity, empathy, and innovation. Featuring 22 exceptional design works from talented MIDI students, each piece is the result of careful research and a thoughtful design process. These projects embody not just technical skill, but also a deep understanding of the human condition and the world we inhabit.

This year's showcase is particularly special, as it includes collaborative contributions from esteemed European university, The Academy of Fine Arts, Gdansk, Poland. This partnership enriches the dialogue and underscores the global significance of the MIDI mission.

HUMAN-CENTRED TECHNOLOGY: This sub-theme focuses on the role of humans in guiding technological advancement. While artificial intelligence and automation are essential for progress, human involvement remains vital to ensure that innovations are purposeful and meaningful, reflecting empathy and ethical responsibility.

SUSTAINABILITY IN DESIGN: Emphasising the importance of sustainability, this sub-theme highlights the need for designs that respect natural resources. Designers are encouraged to create products that minimise waste and maximise resource efficiency, ensuring that innovation contributes to long-term environmental well-being.

BALANCING INNOVATION AND RESPONSIBILITY: This sub-theme underscores the responsibility of designers to balance creativity with care for society and the planet. It reflects the idea that design should not only meet functional and aesthetic goals but also contribute positively to the environment and future generations.

On the second day, the showcase featured a forum that discussed the issue of predatory AI in creative industries, titled "*The Challenges and Shortcomings of Predatory Generative AI in the Creative Industry*" where we have invited three esteemed speakers. Two from the creative industries: Mr Uzair Abdul Rashid a concept artist from Les Copaque and Mr Mohd Aiman Bin Yusuf an architect from Gading Group Berhad, and one from the academic field, Professor Ts. Dr. Khairul Aidil Azlin Abd Rahman CIDE from UCSI. The discussion on the topic of predatory generative AI





disrupting the creative industries in Malaysia has been brought up to the attention of all parties, even in the Malaysian parliament.

The event ends with an appreciation to all the MIDI students, all the lecturers and staff of the Industrial

Design department as well as all MIDI Showcase 2024 committee members. The event marks the end of the journey of 2023/2024 MIDI students and we all wish them the best in their future endeavours!





FOSTERING A GREENER FUTURE: KEY INSIGHTS FROM THE 2024 ECOLOGICAL DESIGN DEVELOPMENT SUMMIT IN WUHAN, CHINA

Ts. Dr. Rosalam Che Me

On October 19-20, 2024, I had the privilege of attending and presenting at the 2024 Ecological Design Development Summit, held in conjunction with Hubei University of Technology (HUBT) Design International Academic Month. This prestigious event took place at the Lecture Hall, Library, HBUT in Wuhan, China, and was organized by HBUT and the National Institute of Industrial Design, with a focus on ecological design. The summit was supported by the World Ecological Design Organization, gathering influential figures in sustainable design from around the globe, including government leaders, representatives from international organizations, art committee members, deans of art academies, academics, students, young scholars, industry experts, and media.

The summit's theme, Ecological Design and Sustainability, was explored through a series of thought-provoking sessions, including the expert keynote lectures, exhibitions, and workshops. These sessions illustrated how traditional craftsmanship, digital innovation, and sustainable practices can



converge to shape a responsible and ecologically conscious future.

In my keynote speech, titled Greener Assistive Technology: Sustainable Solutions for Special Needs, I discussed integrating ecological principles into assistive technology design. My presentation focused on the critical need to develop sustainable, user-centered solutions for people with special

needs, with an emphasis on reducing environmental impact while enhancing accessibility and inclusivity. Through examples of eco-friendly materials and energy-efficient production methods, I emphasized the importance of aligning technological innovation with sustainability goals to benefit both users and the environment.

Keynote sessions featured distinguished speakers from China, the United States, Singapore, Austria, and Malaysia, each offering unique perspectives on the intersection of design and sustainability. Discussions ranged from the role of ecological design in digital arts to future-focused sustainable design approaches led by young scholars, adding significant depth to the ongoing conversation on the future of eco-conscious design.

Other noteworthy sessions included the National Arts Fund Exhibition with the theme "Upholding Tradition, Fostering Innovation - Chinese Craft Heritage and Digital Creative Design," as well as the Virtual Production and Digital Arts Seminar, which showcased how traditional cultural elements can be preserved and reimagined through digital transformation. The event also celebrated the 10th anniversary of Muyantang and hosted a salon titled "Book Fragrance Along the Yangtze River," providing a cultural platform for creative expression.

Overall, the 2024 Ecological Design Development Summit served as an invaluable platform for fostering international collaboration, encouraging innovative thought, and underscoring the urgency of sustainable practices within the design field. It emphasizes the critical role of combining cultural heritage with modern sustainable practices, as seen in the integration of traditional crafts with digital innovation to reduce environmental impact. Key discussions highlighted how digital transformation can support eco-friendly design by minimizing resource waste and enhancing virtual experimentation. Collaboration across disciplines and global partnerships were central themes, with experts from diverse backgrounds contributing to a holistic approach for advancing sustainable design worldwide.





Foto 1: Bersama Dato' Sri Hajah Rohani Haji Abdul Karim selaku perasmi majlis, Professor Datuk Dr. Denison Jayasooria selaku Ketua Sekretariat di bawah Perikatan CSO-SDG Malaysia dan para peserta serta sekretariat persidangan.

PERSIDANGAN MySDG 2024: MEMBINA DAYA TAHAN: DARIPADA PENERIMA MANFAAT KEPADA JUARA SDG

Dr. Nor Azlina Abu Bakar

Tanggal 12 dan 13 Oktober 2024 yang lepas, saya dan pelajar sarjana di bawah penyeliaan saya iaitu saudari Melissa Syafiza Mohd Fauzi telah menghadiri sebuah persidangan yang bertajuk 'Membina Daya Tahan: Daripada Penerima Manfaat kepada Juara SDG' bertempat di Raia *Hotel & Convention Centre*, Kuching, Sarawak. Persidangan ini dianjurkan oleh Akademi MySDG, iaitu sebuah pusat latihan di bawah APPGM-SDG. Sepintas lalu mengenai APPGM-SDG yang bermaksud *All-Party Parliamentary Group* Malaysia (APPGM) iaitu kumpulan rentas parti atau semua parti di parlimen Malaysia yang memberi fokus pada Matlamat

Pembangunan Mampan (SDG) di peringkat akar umbi. APPGM menyediakan platform untuk ahli parlimen dari kedua dewan parlimen untuk membincangkan topik kepentingan awam dan bekerjasama dengan pihak berkepentingan luar. Pertubuhan ini telah mengusahakan banyak projek komuniti samada dengan kerjasama profesional dan akademik, bersama dengan *solution providers* iaitu kumpulan komuniti akar umbi yang mendapat dana bagi projek pembangunan komuniti di kawasan parlimen masing-masing. Setakat ini sebanyak 664 projek solusi SDG di peringkat tempatan telah dijalankan dimana 198

daripadanya adalah berkaitan projek kebun komuniti.

Berbalik semula kepada persidangan ini, Akademi MySDG telah menjalankan tiga persidangan pada tahun 2024 dengan yang pertama bertemakan *Poverty & Poor Communities* pada 11-12 Mei di Kota Kinabalu, Sabah, yang kedua bertemakan *Stateless and Refugees* pada 14-15 September di Pulau Pinang dan yang ketiga dan terakhir sekali ialah persidangan di Kuching ini yang bertemakan *Environmental Concerns and Local Communities*. Menariknya persidangan ini adalah kerana ianya bukan persidangan akademik yang konvensional namun mengumpulkan pelbagai latar belakang masyarakat yang menjuarai isu komuniti setempat dan menjadi platform untuk berkongsi cerita, kajian kes, ulasan, dan kertas penyelidikan melalui pelbagai kaedah penyampaian yang sangat kreatif dan memberi inspirasi!

Persidangan MySDG 2024 di Kuching, Sarawak dirasmikan oleh Dato' Sri Hajah Rohani Haji Abdul Karim, Penasihat Persatuan Promosi Matlamat Pembangunan Lestari (PPMPL) dan bekas Pengerusi APPGM-SDG. Hari pertama persidangan memberi tumpuan kepada kebimbangan alam sekitar dan komuniti tempatan, dengan kertas kerja yang merangkumi tema-tema penting berikut:

1. Daya tahan iklim dan pertanian lestari: Membincangkan APPGM-SDG strategi untuk menangani perubahan iklim dalam sektor pertanian dan perikanan.
2. Keusahawanan hijau dan pemberdayaan komuniti: Meneroka cara-cara inovatif untuk menggabungkan daya tahan iklim dengan peluang ekonomi lestari.
3. Amalan lestari dan tingkah laku pengguna: Mengkaji inisiatif pengurangan sisa dan plastik, termasuk kajian kes dari bazar Ramadan.
4. Pendekatan inovatif dalam pengurusan sisa: Membentangkan penyelesaian tempatan dan amalan terbaik global untuk pengurusan sisa yang lebih baik.

Hari kedua Persidangan MySDG 2024 di Kuching, Sarawak pula memberi fokus kepada tema-tema berikut:

1. Memperkasakan Pemimpin Masa Depan
2. Pertanian Lestari dan Keselamatan Makanan
3. Pemuliharaan Alam Sekitar dan Ekopelancongan Lestari
4. Cabaran Kelestarian di Malaysia
5. Amalan Industri Lestari dan Ekonomi Hijau

Saya sendiri sangat terinspirasi dengan pembentangan dari wakil komuniti sebagai *solution providers* berkenaan projek komuniti mereka. Tidak lupa ucapan tahniah kepada pelajar masters saya, Melissa yang berjaya melawan perasaan takut dan gemuruh untuk berkongsi pentas dengan barisan panel yang hebat dan bagi membentangkan kajian penyelidikan di bawah Geran Putra- Inisiatif Putra Siswazah kami yang bertajuk '*Investigating Optimization Strategies On Flood-Prone Community Through Psychological Resilience: Case Study Kuantan*'. Pada pengamatan saya, banyak soalan dan perbincangan diajukan jika panel membentangkan isu banjir. Maklum sahajalah, musim hujan ketika ini dan banyak berlaku banjir kilat termasuk di kawasan yang tidak pernah berlaku banjir pun sebelum ini. Alhamdulillah perbincangan panel dan sesi soal jawab yang dinamik membolehkan kami dan para peserta lain bertukar idea dan membina rangkaian untuk kerjasama masa depan.

Akhir sekali, saya sangat bersyukur kerana diberi peluang untuk menyertai persidangan ini. Walaupun ianya bukan persidangan akademik konvensional yang menjanjikan penerbitan berindeks, namun mendengar dialog, buah fikiran dan pengalaman dari NGOs, wakil persatuan komuniti akar umbi, penyelidik dari agensi swasta dan kerajaan sangat memberi inspirasi dan memberi semangat untuk terus menyumbang kepada pembangunan komuniti dalam bidang kepakaran masing-masing.



Foto 2: Bersama Dato' Sri Hajah Rohani Haji Abdul Karim yang bukan sahaja hadir merasmikan persidangan, namun komited mendengar dan memberi buah pandangan kepada pembentangan panel



MAJLIS TAKLIMAT PELAJAR BAHARU SESI AKADEMIK 2024/2025 BERSEMPENA PROGRAM PERKASA PUTRA, FAKULTI REKABENTUK DAN SENIBINA

Nor Azlinda Othman

SRI SERDANG, 9 Oktober 2024 - Fakulti Rekabentuk dan Senibina telah mengadakan Majlis Taklimat Pelajar Baharu Sesi Akademik 2024/2025 bersempena Program Perkasa Putra di Dewan Reka Bentuk, FRSB. Kemasukan jumlah keseluruhan pelajar baharu ke Fakulti Rekabentuk dan Senibina adalah seramai

131 orang pelajar. Untuk program Bachelo Seni Bina Landskap Dengan Kepujian seramai 39 orang pelajar, Bachelo Sains Seni Bina Dengan Kepujian seramai 48 orang pelajar dan Bachelo Reka Bentuk Perindustrian Dengan Kepujian seramai 44 orang pelajar telah mendaftar kehadiran.



Program ini dimulakan dengan sesi pendaftaran pelajar baharu di Foyer FRSB. Program diteruskan di dalam Dewan Reka Bentuk dengan tayangan video fakulti. Seterusnya ucapan Aluan oleh Dekan Fakulti iaitu Prof. Madya Ts. Gs. Dr. Mohd Johari Mohd Yusof serta Taklimat Akademik oleh Timbalan Dekan (Akademik, Antarabangsa dan HEPA iaitu Prof. Madya Dr. Zalina Shari. Para pelajar baharu diperkenalkan dengan ahli Persatuan Mahasiswa Fakulti Rekabentuk dan Senibina (DeArtCo) dan sesi Penyampaian Watikah Pelantikan Esko (DeArtCo) Sesi 2024/2025 turut diadakan. 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, pelajar diterangkan mengenai pendaftaran kursus melalui Sistem Maklumat Pelajar (eSMP) berdasarkan *Booklet* Panduan Pendaftaran Kursus mengikut program masing-masing yang diadakan di Makmal Komputer 1 dan Makmal Komputer 2, Fakulti Rekabentuk

dan Senibina. Sesi penerangan pendaftaran kursus ini dibantu oleh DeArtCo fakulti sebagai fasilitator. Pelbagai aktiviti akan dilaksanakan sepanjang program ini berlangsung oleh pihak Fakulti Rekabentuk dan Senibina sebagai perkenalan kepada para pelajar baharu. Tahniat dan Selamat Datang kepada semua pelajar baharu ke Fakulti Rekabentuk Dan Senibina, Universiti Putra Malaysia.



SESI DEMO PERISIAN RFLOWZ-SS

Nursyida Mansor

SRI SERDANG, 21 Oktober 2024 - Pejabat Timbalan Dekan (Penyelidikan, Inovasi dan Siswazah), Fakulti Rekabentuk dan Senibina (FRSB) telah menganjurkan sesi demonstrasi perisian RFlowZ-SS yang dibangunkan oleh Prof. Madya Ts. Dr. Mohd Zairul Mohd Noor. Majlis yang berlangsung pada jam 2:30 petang di Dewan Reka Bentuk, FRSB, telah dihadiri oleh para pensyarah, pelajar, dan pakar industri yang berminat dalam aplikasi perisian tersebut.

RFlowZ-SS ialah perisian berasaskan AI yang direka untuk memudahkan proses penulisan cadangan penyelidikan untuk pelajar, ahli akademik, dan profesional. Alat ini menawarkan templat yang boleh disesuaikan, penciptaan cadangan menggunakan AI, dan pengurusan rujukan yang lancar melalui Mendeley, memastikan ketepatan dan integriti. RFlowZ-SS membantu penyelidik mengatasi cabaran seperti penyusunan dan perujukan, membolehkan

mereka memberi tumpuan kepada pengembangan idea. Disokong oleh ARSPACE Reality Sdn. Bhd. dan Putra Science Park, RFlowZ-SS bertujuan merevolusikan penyelidikan akademik dengan menyediakan penyelesaian yang lebih cekap dan mudah diakses.

Sesi berakhir dengan ucapan terima kasih daripada Prof. Madya Ts. Dr. Mohd Zairul Mohd Noor kepada tetamu yang hadir, sambil menekankan kepentingan adaptasi teknologi dalam penyelidikan.



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MAJLIS SAMBUTAN PELAJAR PASCA SISWAZAH (SEMESTER PERTAMA 2024/2025)

Tc. Mohd Kamil Ismail

SRI SERDANG, 24 Oktober 2024 - Pejabat Timbalan Dekan (Penyelidikan, Inovasi dan Siswazah) telah menganjurkan 'Postgraduate Welcoming Ceremony' bagi menyambut kedatangan pelajar-pelajar baharu bagi Semester Pertama 2024/2025. Majlis ini berlangsung di Dewan Reka Bentuk, Fakulti Rekabentuk dan Senibina pada jam 2.30 petang.

Majlis dimulakan dengan ucapan aluan daripada Tuan Dekan, Prof. Madya Ts. Gs. Dr. Mohd Johari Mohd Yusof yang menyambut baik kedatangan pelajar-pelajar pasca siswazah baharu dan berkongsi harapan agar mereka dapat menggunakan pelbagai kemudahan di fakulti dan mencapai kecemerlangan akademik serta menyumbang kepada kemajuan fakulti.



Seterusnya, sesi taklimat disampaikan oleh Timbalan Dekan (Penyelidikan, Inovasi, dan Siswazah), Prof. Madya Ts. Dr. Mohd Zairul Mohd Noor yang memperincikan maklumat mengenai proses pembelajaran dan penyelidikan untuk pelajar pasca siswazah. Selepas itu, para pelajar dibawa ke PG Lounge untuk upacara penanaman pokok sebagai simbol komitmen fakulti terhadap kelestarian alam sekitar dan persekitaran yang kondusif.

Selain daripada acara rasmi, para pelajar turut dibawa melawat ruangan PG Lounge, yang bertujuan menyediakan suasana belajar yang lebih selesa dan menyokong keperluan akademik pelajar sepanjang pengajian.

Majlis Sambutan Pelajar Pasca Siswazah ini berakhir dengan sesi perkenalan dan jaringan antara pelajar baharu dan warga fakulti, mencipta asas kerjasama yang erat untuk masa hadapan.





LAWATAN KE AKADEMI PERUBATAN MALAYSIA, PUTRAJAYA

Prof. Madya Dr. Shureen Faris Abdul Shukor

PUTRAJAYA, 11 Oktober 2024 – Fakulti Rekabentuk dan Senibina berkesempatan mengunjungi bangunan baru Akademi Perubatan Malaysia (Medical Academies Malaysia), Putrajaya. Delegasi yang diketuai oleh Prof. Madya Ts. Gs. Dr. Mohd Johari Mohd Yusof disambut dengan baik oleh Tan Sri Dato' Sri Dr. Noor Hisham Abdullah (Mantan Ketua Pengarah Kesihatan Malaysia, yang merupakan salah seorang yang memainkan peranan utama pada peringkat awal rancangan untuk pembinaan bangunan baru ini) bersama Prof Dr. Zaleha Abdullah Mahdy (Doktor Pakar O&G UKM / Appointed Council Member of Academy of Medicine Malaysia, AAM), Puan Jenny Choong (Pengurus Bangunan)

dan beberapa kakitangan dari Akademi Perubatan Malaysia.

Tujuan lawatan tersebut adalah untuk melihat sendiri keunikan rekabentuk bangunan baru yang selain daripada menempatkan pusat pentadbiran AAM, ianya juga menempatkan 13 kolej di bawah AMM dan Akademi Perubatan Keluarga Malaysia, yang akan turut menjadi pusat bagi aktiviti terkait latihan kepakaran perubatan. Bangunan baru itu juga turut menempatkan *Academies Simulation and Education and Training Site (ASETS)* yang mempunyai infrastruktur digital canggih yang mampu membuat simulasi kompleks, seterusnya menyokong fungsi latihan kepakaran perubatan.

Selain daripada itu, pihak fakulti juga cuba mencari peluang untuk mewujudkan siri kerjasama dan kolaborasi berkaitan rekabentuk terapeutik lanskap, rekabentuk hospital dan rekabentuk taman-taman pusat perubatan. Kepakaran sedia ada warga akademik FRSB di dalam bidang-bidang berkaitan juga akan diketengahkan untuk faedah bersama.

Turut hadir di dalam rombongan tersebut adalah Prof. Madya Dr. Shahrizal Dolah (Timbalan Dekan JINM dan Pembangunan), Prof. Madya Dr. Shureen Faris Abdul Shukor (Ketua Jabatan Landskap), Dr. Mohd Faiz Yahaya (Ketua Jabatan Rekabentuk Perindustrian) dan Pn. Sarah Salwah Adnan (Ketua Penolong Pendaftar) diiringi oleh Pn. Madiha Hailani dari Unit Korporat.

Semoga lawatan ini dapat menghubungkan jalin kerjasama yang erat di masa hadapan.



HAPPY BIRTHDAY

October

Ar. Wan Sofiah Wan Ishak (2 Oct)
Puan Sarah Salwah Adnan (2 Oct)
Muhamad Syakir Mahadzir - (03 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)
Najwa Binti Norman (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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