

# Sensasi **FRSB**

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NOVEMBER 2023 | BIL:35

PERTANIAN • INOVASI • KEHIDUPAN

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## *Assalamualikum*

dan Salam Sejahtera,

KEYAKINAN,

Kerangka Konsep Malaysia Madani yang kelima adalah Keyakinan.

Dalam bahasa mudah, keyakinan bermaksud kita percaya bahawa kita mampu malah mempercayai akan sesuatu perkara atau kemampuan kita melakukan sesuatu perkara.

Boleh dikatakan bahawa, keyakinan adalah satu asas kehidupan manusia di dunia ini untuk kelangsungan diri. Tanpanya pasti kita akan hidup tanpa arah tujuan kerana keyakinanlah menjadikan kita dapat mengejar matlamat kehidupan kita. Namun, dalam kita mengejar matlamat, banyak perkara berlaku yang pastinya dilingkari hikmah serta ibrah yang pastinya memberikan pengajaran kepada kita. Tanpa keyakinan, manusia pasti lemah kerana keyakinan diibaratkan seperti tiang seri sesuatu struktur bangunan. Kukuh tiang seri tersebut, , tegaklah bangunan. Kukuh keyakinan, tegaklah manusia. Namun dalam keyakinan kita mengejar matlamat, jangan sesekali kita menghalalkan cara yang tak tentu betul dari segi akhlak dan moral.

Di dalam konteks kita sebagai warga FRSB, baik sebagai pekerja atau pelajar, keyakinan perlu ada dalam kita menjalankan tanggung jawab atau tugas kita. Kita harus yakin untuk menjalankan tanggungjawab yang diberikan dengan penuh amanah dan bertanggungjawab. Ini kerana keyakinan akan memberikan kita semua kesungguhan untuk kita melakukan yang terbaik. Yakinlah, apa pun juga peranan dan tugas yang diberikan kepada kita, baik sebagai ketua unit, jabatan, ataupun Dekan, kita harus mampu menggalasnya dengan baik. Namun, ianya tidak bermaksud juga kita tidak boleh salah, menerima teguran dan nasihat untuk berubah ke arah yang lebih baik. Ianya merupakan sifat yang perlu ada pada semua dan pastinya akan menambah keyakinan kita pada masa akan datang.

Sebagaimana firman Allah SWT yang bermaksud: "Allah tidak membebani seseorang melainkan sesuai dengan kesanggupannya" (Surah Al Baqarah , ayat 286). Yakinlah dan jalanilah amanah itu sebaiknya. InsyaAllah, pasti laluan kita dipermudahkan.

Dekan

# INTELLECTUAL PROPERTY RIGHTS IN MALAYSIA

Indastri Salon



Intellectual Property (IP) refers to idea or creation of the mind such as inventions; designs and images; literary and artistic works; names and symbols used in commerce. IP is an intangible asset which protected by the law, for example, patents, copyrights, Industrial designs, and trademarks which enable people to

earn recognition or financial benefit from what they invented or created. Intellectual Property Corporation of Malaysia (MyIPO) is an authority that responsible for administration and enforcement of IP's system and legislation in Malaysia.



## Protection of Industrial Design Rights

An industrial design constitutes the appearance or aesthetic aspect of an article (or product). It may consist of three-dimensional features, such as the shape, or configuration, or two-dimensional features, such as pattern, or ornament applied to the product by any industrial process which in the finished product appeal to the eyes and are judged by the eyes. In principle, the industrial design right does not protect the technical or functional features of the product. The registration of industrial design is granted by the IP Office of a particular territorial (country or region) where an application is filed. The industrial design needs to be registered in order to be protected in Malaysia as a "registered design" is governed by the Industrial Designs Act 1996 and the Industrial Designs Regulations 1999. Prior to this date, industrial designs were protected in Malaysia by registering the designs in the United Kingdom. The local applicants can file registration individually or through a registered industrial designs agent. However, the foreign applicants will need to seek the services of a registered industrial designs agent.

A registration is mandatory for an industrial design to be protected. The design features of the product to which it is applied shall be new (or novel) in the world and not be contrary to public order or morality. In principle, the requirement of novelty is met if no identical earlier

design can be found that anticipates the design under examination by the MyIPO. A registered design is given an initial protection period of 5 years from the date of filing, with the possibility of further periods of renewal up to 25 years. An industrial design may also be protected as a work of art under Malaysia Copyright Act 1986 which gives a maximum protection period of author's life plus 50 years after his death. The existence of Industrial design and copyright protections are mutually exclusive, once the owner chooses one kind of protection, he can no longer rely on the other.

The scope of industrial designs protection could be determined from the novelty statement and design representation which are accepted by the MyIPO. Statement of novelty is the highlighted design features which identifies what exactly the applicant is seeking a monopoly. The representation sheets are an important document required to be filed along with the application for registration which contained different aspects and views of the product clearly showing a novelty of design features. The representation sheets may consist of drawings, photographs, or computer-generated images of the design. The representation of design should fully disclose all the relevant features and details of the appearance of the product.



## Commercialisation of Industrial Designs

The owner of a registered design has the exclusive right to make or import for sale or hire, or for use for the purpose of any trade or business, or to sell, hire or to offer or expose for sale or hire, any product to which the registered design has been applied. A registered design allows the owner to stop others from infringing

his rights. Others who wish to use the same design must first approach the owner for permission to use the same design. Otherwise, they may be sued by the owner for infringement. Furthermore, the owner may assign or license his rights in the registered design to the others.



### STATEMENT OF NOVELTY

THE NOVELTY OF THE DESIGN RESIDES IN THE SHAPE AND CONFIGURATION OF THE ARTICLE AS SHOWN IN THE ACCOMPANYING REPRESENTATIONS

An Industrial design is one of the key factors that attracts us to a product or leads us to prefer using one product over another. Protecting the way your product looks with an industrial design can provide a major competitive advantage; hence, it adds to the commercial value of a product and increase its

marketability. So, protecting valuable designs should be a part of the business strategy of any designer or manufacturer. The registered designs are business assets that can increase the commercial value of a company and its products. The more successful a design, the higher its value to the company.



# OPTIMIZING MALAYSIAN ARCHITECT, ENGINEER AND CONTRACTOR'S (AEC) TEAM PRODUCTIVITY USING MINIMAL COLLABORATIVE TECHNOLOGY

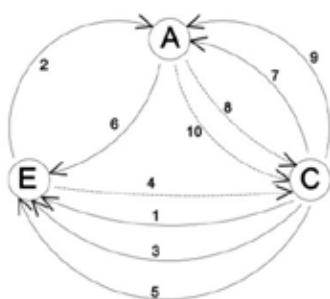
Ts. Dr. Maszura Abdul Ghafar

Today global environmental concerns have become a mainstream goal in a build environment. This paradigm shift requires Malaysian AEC to change how they do their work and collaborate with global partners in the future. Globalization has made the Malaysian AEC industry needing to employ collaborative paraphernalia during international partnership project delivery with other respective counterparts in other countries. With the Malaysian Construction Industry Transformation Program 2016-2020 (CITP 2016-2020) to facilitate and redirect the Malaysian construction

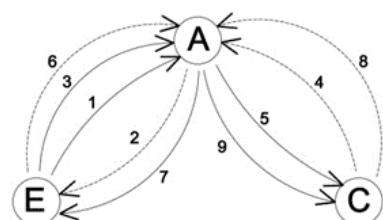
industry's future and towards productivity, technology, capabilities, and proficiency. Utilization of technology among AEC professionals' communication is crucial in leveraging construction activities and implementation progresses. However, multi layers of personality, culture, and human behaviours could alleviate successful communication practices in AEC operating environment. Therefore, identifying minimal collaborative tools could preliminarily support AEC iterations.

During project delivery dyadic and triadic team communication iteration behaviour could recur to solve complex issues and to consolidate uncertain decisions. Dyadic communication involves two close people who exchange ideas, thoughts, and feelings on a mutual basis (Brown, Paz-Aparicio, & Revilla, 2019); while triadic communication involves three or more people who are familiar and working towards a common objective (Hastings, Hoover, & Musambira, 2005). When non-collocate dyadic and triadic communication culture intervenes during project delivery, decision making is made openly, reciprocally by experienced members formally.

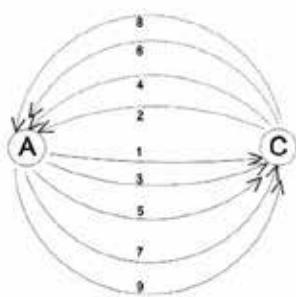
Minimal synchronous collaborative tool such as WhatsApp could give right information at the right time, shorter meeting time, lesser formalization and high confidence level. Speedy consensus decision agreement is highly achieved with lesser bureaucratic procedures and formalization. When information flow is sufficient, project productivity would accelerate and benefit project's output and productivity. The benefits in implying the dyadic and triadic communication using minimal collaborative tool could be reflected in enhanced professionals' education curriculum and programs.



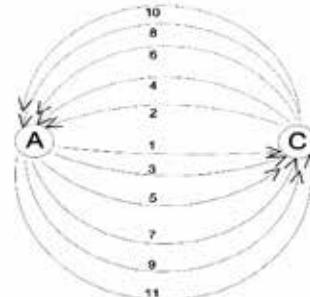
Triad AEC Collocated communication  
(face to face)



Triad AEC Non-Collocated communication  
(not face to face)



Dyad AEC Collocated communication  
(face to face)



Dyad AEC Non-Collocated communication  
(not face to face)

A= Architect; E= Engineer; C = Contractor

# CULTIVATING EQUALITY: **INCLUSIVE GREEN SPACES FOR LOW-INCOME COMMUNITIES**

Dr. Faziawati Abd Aziz

Green areas play a vital role in the development of flourishing communities, offering a wide range of physical, mental, and social advantages. Regrettably, there exists an unequal distribution of access to these areas among various communities. Low-income communities, frequently confronted with restricted resources and urban adversities, encounter inequities in their ability to access green spaces (Wen et al., 2013; Kabisch and Haase, 2014; Jennings et al., 2016; De Vries et al., 2020). The low availability and quality of urban green spaces also contributes to poorer health in these neighborhoods (Maas et al.,

2006). The presence of inclusive green spaces is of utmost importance in facilitating the enhancement of community well-being, the promotion of social cohesion, and the mitigation of environmental justice issues.

## **The Importance of Green Spaces**

Green spaces are not simply extravagant amenities; they play a crucial role in promoting the overall well-being and enhancing the quality of life within a community. These areas provide individuals with the chance to engage in physical activity, engage in



Minimum green spaces are provided for in low-income community.

recreational activities, and experience relaxation, all of which contribute to enhanced mental well-being and the alleviation of stress. Furthermore, they contribute to the improvement of air quality, promote biodiversity, and minimise the adverse effects of climate change. Inclusive green spaces, which are intentionally built to cater to the unique requirements of low-income communities, have the potential to serve as catalysts for fostering beneficial transformations.

## Addressing Disparities

One of the primary obstacles that must be addressed is the establishment of a fair and just allocation of green spaces. Low-income communities frequently experience limited availability of parks and recreational facilities, hence exacerbating disparities in overall welfare (Maas et al., 2006). It is imperative for urban planning to place a high priority on the establishment and upkeep of green spaces within these regions, with the aim of fostering an equitable allocation of environmental resources.

Secondly, the development of inclusive green spaces should involve the active participation and consultation of the communities they aim to serve. The inclusion of inhabitants in the planning process guarantees that the design of places aligns with the distinct requirements and preferences of the community. This form of interaction facilitates the development of a feeling of possession and satisfaction, hence strengthening the bond between individuals and their surroundings.

Thirdly, the design of green spaces can be optimised to fulfil many roles, so effectively addressing diverse community needs concurrently. As an illustration, a park has the potential to encompass many amenities such as community gardens, exercise facilities, and areas designed for social interaction. Multi-functional spaces have the potential to improve the overall usefulness and inclusivity of green areas for many demographic groups residing in low-income communities.

Fourthly, in order to foster inclusivity within green spaces, it is imperative that the amenities offered within these locations are both inexpensive and accessible to all members of the community. This entails guaranteeing that recreational equipment, sporting facilities, and community events are accessible to individuals of all income levels, without regard to their financial means.

One notable obstacle that frequently hinders low-income communities from accessing green places is transportation. Therefore, the enhancement of public transport networks and the improvement of pedestrian and bicycle infrastructure might facilitate greater accessibility to open spaces among a wider range of individuals.

## Conclusion

The significance of inclusive green spaces extends beyond their visual appeal, as they play a crucial role in promoting social equity and environmental integrity. The provision of fair access to green spaces for low-income neighbourhoods not only enhances the well-being of inhabitants but also fosters a more sustainable and cohesive urban environment. The prioritisation of inclusive green spaces is imperative in the face of ongoing urban growth and transformation, as it plays a vital role in fostering resilient, healthy, and cohesive communities.

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Accessible green spaces should be provided for all.

# WE LOVE TAMAN WARISAN PUTRAJAYA!

Ts. Dr. Maszura Abdul Ghafar



8 November 2023 - Satu lawatan akademik telah diadakan di Taman Warisan Putrajaya yang melibatkan pelajar-pelajar Bacelor Sains Seni Bina Tahun satu. Terima kasih diucapkan kepada Perbandaran Putrajaya yang telah membawa pelajar Bacelor Senibina Tahun satu melawat sekitar Taman Warisan Putrajaya bagi

pembelajaran subjek ARC3321 Bahan dan Binaan Bangunan. Para Pelajar ditunjukkan dengan cara pembuatan getah sekera sebagai pekerjaan tradisi orang melayu dahulu, rumah melayu tradisional di atas bukit dan juga menikmati buah-buahan dusun di sekitar Taman Warisan, Putrajaya.



# PAKATAN ANTARABANGSA LALUAN SUTERA DIKALANGAN UNIVERSITI SENI BINA DAN TEKNOLOGI

(SILK ROAD INTERNATIONAL ALLIANCE OF ARCHITECTURAL  
AND TECHNOLOGICAL UNIVERSITIES) (SRIAATU)

Prof. Madya Dr. Nur Dalilah Dahlan



Tuan rumah dan delegasi SRICAT 2023 bergambar di hadapan pintu utama Kolej Senibina, XAUAT.

## Latar Belakang

Pada 18 hingga 21 Oktober 2023 lalu, Prof. Madya Dr Nur Dalilah Dahlan, dari Jabatan Senibina, Fakulti Rekabentuk dan Senibina telah mewakili UPM ke Konferensi Antarabangsa Laluan Sutera di kalangan Universiti Seni Bina dan Teknologi (*Silk Road International Conference on Architectural and Technological Universities*) (SRICAT) bertempat di Xi'an, China.

Konferensi tersebut diadakan sempena perasmian Pakatan Antarabangsa Laluan Sutera di kalangan Universiti Seni Bina dan Teknologi (*Silk Road International Alliance of Architectural and Technological Universities*) (SRIAATU) pada 19hb Oktober 2023.

Menurut tuan rumah pakatan iaitu *Xi'an University of Architecture and Technology* (XAUAT), China, pakatan tersebut dilaksanakan sebagai satu platform kolaborasi antarabangsa bagi industri, universiti dan penyelidikan

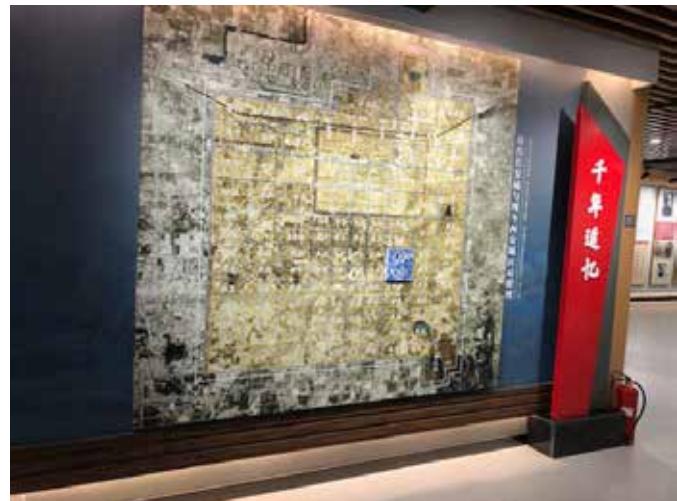
dikalangan universiti yang menjadi ahli SRIAATU.

Terdapat 15 delegasi dari 30 universiti antarabangsa ahli SRIAATU telah hadir sebagai peserta SRICAT. Cuma 11 delegasi terlibat dengan perbincangan meja bulat di akhir acara SRICAT. Berikut adalah senarai 11 delegasi tersebut:

1. University of Chile
2. Universitas Gadjah Mada, Indonesia
3. Universiti Putra Malaysia (UPM)
4. Gdansk University of Technology, Poland
5. Sapienza Universita di Roma, Italy
6. Moscow State University of Civil Engineering, Russia
7. Saint Petersburg State University of Architecture and Civil Engineering, Russia
8. Singapore CPG Corporation Pte. Ltd.
9. University of Moratuwa, Sri Lanka
10. Chulalongkorn University, Thailand
11. Xi'an University of Architecture and Technology



Penulis di hadapan pintu masuk utama kampus Bandar Xi'an XAUAT



Pemandangan dalam muzium XAUAT



Pemandangan dalam State Key Lab

## Aktiviti Sepanjang SRICAT

Program SRICAT dimulakan dengan lawatan ke *Terracotta Warrior Museum* yang merupakan tarikan pelancongan utama di Xi'an. Terdapat juga lawatan ke Muzium XAUAT dan beberapa *State Key Laboratories* di kampus bandar Xi'an. Pada hari kedua, acara kemuncak iaitu pembentangan usul muafakat SRIAATU telah dilaksanakan dan dihadiri oleh semua pimpinan tertinggi XAUAT yang turut disusuli dengan acara menandatangani deraf usul muafakat tersebut.

Seterusnya, pada hari ketiga, acara diteruskan dengan pembentangan beberapa kertas ucaptama dari beberapa pakar dari universiti ahli SRIAATU dan

pakar rujuk terkemuka dalam bidang senibina dan kejuruteraan di China. Pada hari keempat, sebelas wakil delegasi termasuk tuan rumah, XAUAT telah berkongsi maklumat mengenai institusi masing-masing serta melibatkan diri dalam perbincangan meja bulat mengenai perincian bagi usul muafakat SRIAATU. Deraf usul yang telah dipersetujui antara lain merangkumi potensi kerjasama perkongsian kurikulum antarabangsa, sumber pengajaran, konferens dan penyelidikan berkepentingan bersama ahli SRIAATU (contoh: penganjuran bersama persidangan akademik antarabangsa).



Pemandangan dalam State Key Lab.

## Kesimpulan

Selaku peserta SRICAT, penulis amat berterima kasih kepada tuan rumah XAUAT di atas layanan mesra dan murah hati mereka sepanjang konferens di Xi'an. Berikut adalah imej disepanjang program SRICAT 2023.



Sesi berkongsi maklumat mengenai institusi delegasi SRICAT 2023.



Suasana dalam pembentangan usul muafakat SRIAATU

# BENGKEL SEMAKAN KURIKULUM DAN PENGAJARAN PROGRAM MASTER PENGURUSAN LANDSKAP LESTARI

Azliana Zakaria



Ayer Keroh, 15 September 2023 – Jabatan Senibina Lanskap, Fakulti Rekabentuk dan Senibina, UPM telah berjaya menganjurkan Bengkel Semakan Kurikulum Dan Pengajaran Semester Pertama 2023/2024 bagi program Master Pengurusan Lanskap Lestari (MSLM).

Objektif bengkel adalah bagi membincang dan menyemak aktiviti dan isu berkaitan pengajaran program MSLM, menambah baik kaedah dan perlaksanaan pengajaran agar selari dengan keperluan semasa dan kehendak industri. Bengkel yang diadakan di Ames Hotel, Melaka dari 15 – 17 September 2023 melibatkan 19 pegawai akademik, 3 pegawai sokongan dan turut dihadiri LAr. Haji Sabarudin Buang dan LAr. Wong Lye Yan; Ahli Jawatankuasa Pengajian Program Master Pengurusan Lanskap Lestari.



# MAJLIS PELANCARAN SMART BOTANIC EDU-CARE-PLANTS AND PEOPLE

**ANJURAN**

TAMAN BOTANI, PERBADANAN PUTRAJAYA

**DENGAN KERJASAMA**

JABATAN SENIBINA LANDSKAP, FAKULTI REKABENTUK DAN SENIBINA,

Prof Madya Dr. Shureen Faris Abd. Shukor



Pic 1- Syarahan oleh Ts. Emran Zahrin mengenai Trees' Mechanics and the Root System

Pada 12 Oktober 2023, bertempat di Pusat Pelawat Taman Botani, Putrajaya telah berjalan Majlis Pelancaran SMArt Botanic Edu-Care-Plants and People. Acara ini telah dilancarkan oleh Yang Berbahagia LAr. Haslinda binti Khalid, Pengarah Bahagian Perancangan dan Pembangunan Taman, Jabatan Landskap dan Taman, Perbadanan Putrajaya. Pihak FRSB telah diwakili oleh Tuan Dekan iaitu Prof. Madya LAr. Dr. Suhardi Maulan, bersama ahli pengurusan serta pensyarah FRSB.

Majlis ini juga yang dinamakan Open Day Program SMArt BOTANIC Edu-CARE – Plants and People juga telah dihadiri oleh para pelajar Bachelor Senibina Landskap dari Tahun 1, 2 dan 3. Antara aktiviti yang diadakan untuk acara tersebut adalah melawat Laman Etnobotanik, Laman Dapur dan Taman Kelulut serta ke Pusat Herbarium untuk mempelajari bagaimana herbarium dihasilkan.

Open Day ini juga telah dimeriahkan dengan syarahan oleh LAr. Dr. Osman Tahir yang bertajuk Plant & People's Interaction dan oleh En. Emran Zahrin pula bertajuk Trees' Mechanics and the Root System di ruang pameran pusat pelawat.

SMArt Botanic Edu-Care-Plants and People yang berlangsung mulai 1 Oktober 2023 sehingga 31 Oktober 2023 ini mempamerkan hasil kerja para pelajar Bachelor Senibina Landskap dan juga para pelajar Master Senibina Landskap. Maklumat mengenai program-program Master Secara Kerja Kursus di bawah Jabatan Senibina Landskap turut dikongsikan semasa pameran ini berjalan. Pameran ini adalah bertujuan untuk mempromosikan Taman Botani dan juga untuk mengetengahkan peranan senibina landskap serta reka bentuk bersifat semulajadi kepada para pelawat luar dan juga kepada agensi luar.



Pic 2 & 2A- Para hadirin bergambar setelah selesai upacara perasmian



Pic 3- Antara para pelajar yang menyertai acara ini



Pic 4- Penerangan oleh pegawai dari Taman Botani mengenai penghasilan herbarium

# PELANCARAN KOLABORASI DI ANTARA FRSB DENGAN PERTUBUHAN REKA BENTUK BANDAR MALAYSIA (PEREKABANDAR)

Azliana Zakaria



**JSL TALK SERIES**

**UPM** | **FAKULTI REKABENTUK DAN SENIBINA**  
In Conjunction with FRSB & PEREKABANDAR Collaboration

**PEREKABANDAR**

**BREAK THE SILOS : CHALLENGES IN EMBRACING URBAN DESIGN IN CREATING SUSTAINABLE AND LIVABLE CITIES IN MALAYSIA**

**19 October 2023 (Thursday)** | **11.30 am - 12.30 pm** | **Dewan Reka Bentuk FRSB**

**ADJUNCT PROFESSOR DR SHUHANA SHAMSUDDIN**  
President  
Malaysia Urban Design Association  
(Pertubuhan Reka Bentuk Bandar Malaysia)  
**PEREKABANDAR**

**@frsbupm**  
[www.frsb.upm.edu.my](http://www.frsb.upm.edu.my)

PERTANIAN • INOVASI • KEHIDUPAN

**BERILMU BERBAIKI**  
WITH KNOWLEDGE WE SERVE

Serdang, 19 Oktober 2023 – Majlis pelancaran persetujuan kolaborasi secara rasmi, Fakulti Rekabentuk dan Senibina, UPM bersama Pertubuhan Reka Bentuk Bandar Malaysia (PEREKABANDAR), telah diadakan di Fakulti Rekabentuk dan Senibina, UPM hari ini.

Upacara disaksikan oleh Prof. Madya Dr. Zalina Sharif - Timbalan Dekan, Akademik dan Hal Ehwal Pelajar & Alumni, FRSB. Sesi pelancaran tersebut telah diwakili oleh YBrs. Profesor Adjung Dr. Shuhana Shamsuddin, Presiden PEREKABANDAR. Kolaborasi ini adalah

untuk menjalin kerjasama dan perkongsian kepakaran dan pengalaman berkaitan pengajaran, penyelidikan dan khidmat masyarakat melalui agenda dan program reka bentuk bandar, khususnya isu berkaitan bandar dan kehidupan komuniti bandar di Malaysia.

Setelah majlis selesai, program diteruskan dengan syarahan terbuka oleh Presiden PEREKABANDAR yang bertajuk 'Break the Silos: Challenges in Embracing Urban Design in Creating Sustainable and Liveable Cities in Malaysia' di Dewan Reka Bentuk, FRSB UPM.



# LATIHAN KEBAKARAN MENGUJI TAHAP KESEDIAAN WARGA FAKULTI

Ts. Asmadi Sarun



Pada 31 Oktober 2023 yang lepas, Pasukan Tindakan Kecemasan (ERT) Fakulti Rekabentuk dan Senibina telah berjaya menganjurkan satu latihan kecemasan bagi pelan tindakan insiden, iaitu latihan kebakaran di kompleks studio dan bengkel fakulti. Program latihan yang mengambil masa selama satu jam ini telah mendapat kerjasama yang sangat baik di kalangan 96 orang warga fakulti yang terdiri daripada staf dan pelajar dari pelbagai jabatan.

Latihan yang bermula pada jam 9.58 pagi itu dijalankan dengan kerjasama Unit Bantu Mula, Pejabat Pengurusan Keselamatan dan Kesihatan Pekerjaan, UPM. Satu unit ambulans dari Pusat Kesihatan

Universiti turut digunakan dalam simulasi menyelamat mangsa yang tercedera semasa proses pengungsian bangunan. Objektif utama latihan dilaksanakan adalah untuk menguji tahap kesediaan Pasukan Tindakan Kecemasan Fakulti dalam menangani situasi sekiranya berlaku insiden kebakaran.

Mengulas selepas sesi latihan, Encik Hasmi Sulaiman iaitu Pegawai Pemantau dari Unit Bantu Mula berkata beliau berpuas hati terhadap perancangan dan pelaksanaan latihan yang memperlihatkan situasi sebenar sekiranya berlaku insiden kebakaran di bangunan fakulti.



# VISIT OF MASTER OF ARCHITECTURE STUDENTS FROM SUAN SUNANDHA RAJABHAT UNIVERSITY (SSRU) BANGKOK ON OCTOBER 22-27TH 2023

Dr. Marek Kozlowski



A delegation of Master of Architecture students from the College of Architecture, Suan Sunandha Rajabhat University (SSRU), Bangkok visited Fakulti Rekabentuk dan Senibina (FRSB) between October 22 and October 27th. They were accompanied by lecturer Pipat Saksirikasemkul who is also one of the Deputy Deans at the College of Architecture.

This academic visit was part of an ongoing joint venture program between FRSB, UPM and the College of Architecture, SSRU. It also should be noted that UPM and SSRU have a Memorandum of Understanding (MOU). The joint venture program is targeting joint student projects and joint research projects. Last semester in October 2022 a group of Master of Tropical Urban Design (MTUD) students accompanied by Dr Marek Kozlowski went to Bangkok to conduct a joint venture project in the Rattanakosin District together with Master of Architecture students from the College of Architecture, SSRU

The purpose of this recent visit was to join our 4th year Master of Architecture students in preparing a long-term vision and conceptual urban strategy for the Bukit Nenas Area in central Kuala Lumpur. The Thai

students visited central Kuala Lumpur including KLCC, Bukit Bintang, Pasar Seni, and the Masjid India area. They were informed about the urban development challenges and opportunities in central KL. That was followed by a visit and field surveys in the Bukit Nenas area which included a visit to the Bukit Nenas Forest Reserve. The site visits were followed by a brainstorming session with our Master of Architecture students which resulted in a long-term vision and conceptual strategies for the Bukit Nenas area. The vision and strategies were presented to FRSB and SSRU lecturers and tutors on Friday, October 27th.

The Deputy Dean, College of Architecture, SSRU Pipat Saksirikasemkul met with FRSB Deputy Dean Dr Zalina Shari to discuss future cooperation. It should be also noted that currently Dr Marek Kozlowski from FRSB together with Pipat Saksirikasemkul and Pavin Suthinont, from the College of Architecture SSRU are conducting joint research on urban conservation and revitalisation in Kuala Lumpur and Bangkok. This research will result in a journal article titled '*Urban Revitalisation in Southeast Asia: The Story of Two Cities (Bangkok and Kuala Lumpur)*'



# KEJOHANAN PINGPONG JEMAAH DEKAN UPM 2023

Ts. Asmadi Sarun



Pada 16-19 Oktober 2023 yang lepas, telah berlangsung Kejohanan Pingpong Jemaah Dekan UPM di Akademi Sukan, UPM. Kejohanan yang julung kali diadakan ini telah dianjurkan bersama oleh Jemaah Dekan UPM bersama Kelab Sukan dan Sosial Fakulti Kejuruteraan (KSSFK), UPM. Kejohanan ini adalah bertujuan untuk membudayakan gaya hidup sihat dalam kalangan warga Pusat Tanggung Jawab (PTJ) di bawah Jemaah Dekan Kampus Serdang.

Sebanyak 10 PTJ telah menghantar pasukan untuk kejohanan tahun 2023 ini. FRSB telah diundi di dalam kumpulan A bersama-sama Fakulti Pertanian, Fakulti Perubatan Veterinar dan Fakulti Kejuruteraan. Pasukan pingpong FRSB diwakili oleh 11 orang pemain iaitu Prof. Madya LAr. Dr. Suhardi Maulan, Encik Mohammad Afifi Hamdan, Encik Mohd Hasrul Hasan, Encik Muhammad Loqman Idris, Encik Mohd Kamal Khairi, Encik Mohd Redza Maadun, Encik Mohd Zaki Md Sudin, Ts. Asmadi Sarun, Puan Nurfitriah Mohamad Norwan, Puan

Nurhasmilaazra Abdul Halim dan Puan Syarifah Afiqah Syed Ahmad. Keperluan teknikal dan latihan para pemain telah dibantu oleh Pegawai Teknikal pasukan iaitu Encik Mior Muhammad Aiman Mior Mohd Shopi.

Semangat juang dan latihan yang berterusan selama dua minggu tidak mencukupi untuk pasukan yang baru dibentuk ini melepas pusingan awal. Namun tentangan sengit pada perlawanan peringkat kumpulan telah membuka mata pasukan-pasukan lain terhadap kemampuan pemain-pemain FRSB yang disifatkan sebagai *underdog*.

Pada perlawanan peringkat akhir, pasukan Fakulti Kejuruteraan telah menewaskan pasukan Fakulti Perubatan dan Sains Kesihatan untuk muncul sebagai juara Kejohanan Pingpong Jemaah Dekan 2023. Penyampaian hadiah kepada para pemain telah disempurnakan oleh YBrs. Encik Muhamzam Mansor, Pendaftar UPM.





# TAHANIAH

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| 7. CHUA EN HUI             | 20. WAN MOHAMAD FARKHAN BIN WAN AHMAD       |
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| 9. KOH YEN RU              | 22. WONG ZI CHEN                            |
| 10. KOK FOON YI            | 23. YAP ZHEN YUAN                           |
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17. SAUNDARYA A/P SARAN
18. NURUL FATIHAH BINTI ISMAIL

19. NG KIAN PANG
20. MUHAMMAD NAZRIN BIN RAMLAN
21. MUHAMMAD MUSADDIQ BIN MUSTAPA
22. NURSYAZAWAFAA BINTI MOHAMED SAFINE
23. MUHAMMAD ALIFF HAIQAL BIN MOHD AZRAN
24. MUHAMAD FAHMI BIN HARUN
25. VINOODINEE A/P VESUNATHAN
26. DUAN YUQI
27. MIAO ZHENGWEI
28. NURUL HUDA BINTI AHMAD KAMAR
29. NUR HAIZATUL NAJIHA BINTI RAHIMI
30. MUHAMMAD ALIFF IQBAL BIN RAMLAN
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6. HINTHUMATHY A/P SINNA THAANBY
7. AMY SYAHIRAH BINTI ROSLAN
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24. MUHAMMAD AMIR AFIFI BIN AMAN
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26. SYAMAL BIN MOHD FADZLION
27. AIMAN HAZIQ BIN ABU TALIB
28. SUE ARIEYANI BINTI AZMAN
29. WAN NOR SHAHIDAH BINTI W MUSTAPPA
30. KIRUBAH SRI A/P SANTHIRA SEKARAN
31. NUR IZATIE BINTI MOHD NOR
32. SYAZA NAAZIRA BINTI SALIKIN
33. LIM ZHI KUAN
34. NUR ANNISA BINTI AZMAN
35. MUHAMMAD NAZRUL ISKANDAR BIN MUSLIM
36. MUHAMMAD SHAFIQ BIN MOHAMAD ZAYDI
37. NUR IZZYAN BINTI ZULNAIDI
38. MOHAMAD AMIRUL BIN ABDUL RAZAB



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Raja Zahidah Binti Raja Kamarsuzana  
(Bachelor Reka Bentuk (Reka Bentuk Perindustrian))  
Saendarya A/P Saran  
(Bachelor Reka Bentuk (Reka Bentuk Perindustrian))  
Ariani Binti Mohammad Dini  
(Bachelor Sains Seni Bina Dengan Kepujian)  
Aletta Afiqah Binti Adzan  
(Bachelor Sains Seni Bina Lanskap)  
Ayu Lydia Syama Binti Jassi  
(Bachelor Sains Seni Bina Lanskap)  
Muhammad Syamirul Nizam Bin Mat Sukri  
(Bachelor Sains Seni Bina Lanskap)  
Shahzul Rezaal Bin Roslee  
(Bachelor Sains Seni Bina Lanskap)  
Norliana Mazni Binti Musa  
(Bachelor Sains Seni Bina Lanskap)  
Fatim Amirah Binti Ahmad  
(Bachelor Sains Seni Bina Lanskap)

Adline Sabithah Binti Samson  
(Bachelor Sains Seni Bina Lanskap)  
Aisyah Sakinah Binti Sahrin  
(Bachelor Sains Seni Bina Lanskap)  
Chong Yong Queen  
(Bachelor Sains Seni Bina Lanskap)  
Nur Atziah Binti Abd Wahab  
(Bachelor Sains Seni Bina Lanskap)  
Muhammad Arsyad Bin Ismail  
(Bachelor Sains Seni Bina Lanskap)  
Nor Syahira Binti Mohammad  
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Intan Norryazima Binti Nor Rizam  
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Akmal Hakim Binti Kamaruddin  
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Nur Farrahaya Edora Binti Rohizat  
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Nur Niessa Indina Binti Muhammad Nasir  
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Natasya Syahirah Binti Razali  
(Bachelor Sains Seni Bina Lanskap)  
Mirza Irfan Bin Mustafa Kamal  
(Bachelor Sains Seni Bina Lanskap)  
Mohamed Sahman Bin Abu Bakar  
(Bachelor Sains Seni Bina Lanskap)  
Muhammad Aliff Bin Zahrulman  
(Bachelor Sains Seni Bina Lanskap)  
Ignat Aliq Bin Bakhar  
(Bachelor Sains Seni Bina Lanskap)  
Fareen Aida Moedeen Binti Saladdin Moedeen  
(Bachelor Sains Seni Bina Lanskap)  
Mazarina Zafizah Binti Mazman  
(Bachelor Sains Seni Bina Lanskap Dengan Kepujian)

## Senarai Penerima Hadiah Fakulti

Shahzul Rezaal Bin Roslee (Hadiah Al-Haddad Marketing)  
(Bachelor Sains Seni Bina Lanskap)  
Mohammad Sahman Bin Abu Bakar (Hadiah Jabatan Seni Bina Lanskap)  
(Bachelor Sains Seni Bina Lanskap)  
Nur Niessa Indina Binti Muhammad Nasir (Hadiah LAr. Dr. Noorizan Mohamed)  
(Bachelor Sains Seni Bina Lanskap)  
Nurulaini Sari Binti Abdullah (Hadiah AIM Concept)  
(Bachelor Sains Seni Bina Dengan Kepujian)  
Aliman Firdaus Bin Aziz (Hadiah Sains Bina GDP Architects)  
(Bachelor Sains Seni Bina Dengan Kepujian)  
Cheow Zhi Yi (Hadiah Sains Bina ATSA Architects)  
(Bachelor Sains Seni Bina Dengan Kepujian)

Muhammad Alzam Hakim Bin Zamzuri (Hadiah Sains Bina Z&SR Architectural Ventures)  
(Bachelor Sains Seni Bina Dengan Kepujian)  
Adli Syiqiq Bin Asmydy (Hadiah Sains Seni Bina Putra)  
(Bachelor Sains Seni Bina Dengan Kepujian)  
Mohd Aliff Zulkarni Bin Johari (Hadiah Tuan Haji Sabudin Mohd Ali)  
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## Penerima Sijil Kepujian Dekan

Muhammad Hafizuddin Bin Mohd Asri (CGPA : 3.838)  
Bachelor Reka Bentuk (Reka Bentuk Perindustrian)  
Nursil Petihah Binti Ismail (CGPA : 3.750)  
Bachelor Reka Bentuk (Reka Bentuk Perindustrian)  
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Wahida Binti Zakaria (CGPA : 3.955)  
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Bachelor Reka Bentuk (Reka Bentuk Perindustrian)  
Saendarya A/P Saran (CGPA : 3.955)  
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Cheah Kar Jun (CGPA : 3.892)  
Bachelor Reka Bentuk (Reka Bentuk Perindustrian)  
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Dornika Alya Maisarah Mohd Azlan (CGPA : 3.790)  
(Bachelor Reka Bentuk Perindustrian Dengan Kepujian)  
Sesatryi A/L Ramachandran (CGPA : 3.875)  
(Bachelor Reka Bentuk Perindustrian Dengan Kepujian)  
Law Wan Shan (CGPA : 3.950)  
(Bachelor Reka Bentuk Perindustrian Dengan Kepujian)  
Alia Binti Akmal (CGPA : 3.800)  
(Bachelor Reka Bentuk Perindustrian Dengan Kepujian)

## Penerima Sijil Kepujian Dekan

Nurin Nabila Binti Amir (CGPA : 3.750)  
(Bachelors Reka Bentuk Perindustrian Dengan Kepujian)  
Amir Syahmi Bin Umar (CGPA : 3.800)  
(Bachelors Reka Bentuk Perindustrian Dengan Kepujian)  
Ng Jet Liq (CGPA : 3.750)  
(Bachelors Reka Bentuk Perindustrian Dengan Kepujian)  
Muhammad Firdaus Bin Mohammad Johari (CGPA : 3.800)  
(Bachelors Reka Bentuk Perindustrian Dengan Kepujian)  
Nabihah Alysyah Binti Zainuddin (CGPA : 3.750)  
(Bachelors Reka Bentuk Perindustrian Dengan Kepujian)  
Za'imul Azhad Bin Mat Zahir (CGPA : 3.800)  
(Bachelors Reka Bentuk Perindustrian Dengan Kepujian)  
Ng Ying Cheng (CGPA : 3.800)  
(Bachelors Reka Bentuk Perindustrian Dengan Kepujian)  
Alimuni Balqis Binti Rohizan (CGPA : 3.800)  
(Bachelors Reka Bentuk Perindustrian Dengan Kepujian)  
Hani Lyana Binti Mohd Kerli (CGPA : 3.750)  
(Bachelors Reka Bentuk Perindustrian Dengan Kepujian)  
Eyach Feisal Bin Kamishul (CGPA : 3.750)  
(Bachelors Reka Bentuk Perindustrian Dengan Kepujian)  
Hafiz Iqkandar Bin Hisham (CGPA : 3.750)  
(Bachelors Reka Bentuk Perindustrian Dengan Kepujian)

Mohammed Imran Bin Muhammad Zamri (CGPA : 3.762)  
(Bachelors Seni Bina Dengan Kepujian)  
Ailia Nafeesa Binti Abdul Nasir (CGPA : 3.775)  
(Bachelors Seni Bina Dengan Kepujian)  
Dian Nurjanah Binti Abdul Kadir (CGPA : 3.833)  
(Bachelors Seni Bina Dengan Kepujian)  
Tan Xiee Li (CGPA : 3.764)  
(Bachelors Seni Bina Dengan Kepujian)  
Wong Leng Yong (CGPA : 3.867)  
(Bachelors Seni Bina Dengan Kepujian)  
Aisyah Binti Mohd Anuar (CGPA : 3.862)  
(Bachelors Seni Bina Dengan Kepujian)  
Avery Lin Pei Tung (CGPA : 3.861)  
(Bachelors Seni Bina Lanskap Dengan Kepujian)  
Norfarissa Anis Binti Ranele (CGPA : 3.896)  
(Bachelors Seni Bina Lanskap Dengan Kepujian)  
Tan Jia Wei (CGPA : 3.916)  
(Bachelors Seni Bina Lanskap Dengan Kepujian)  
Tse Qing Fong (CGPA : 3.876)  
(Bachelors Seni Bina Lanskap Dengan Kepujian)  
Tey Hui Yi (CGPA : 3.750)  
(Bachelors Seni Bina Lanskap Dengan Kepujian)  
Azalia Natrah Binti Mohd Zaharin (CGPA : 3.750)  
(Bachelors Seni Bina Lanskap Dengan Kepujian)



## Penerima Hadiah Kecemerlangan Jabatan JABATAN REKABENTUK PERINDUSTRIAN

Kee Bee Lian  
Hadiah Kecemerlangan Akademik Reka Bentuk Perindustrian (Tahun 1)  
(Bachelors Reka Bentuk Perindustrian Dengan Kepujian)  
  
Nur Arishah Binti Abdullah Zewawi  
Hadiah Kecemerlangan Reka Bentuk Perindustrian (Tahun 1)  
(Bachelors Reka Bentuk Perindustrian Dengan Kepujian)  
  
Farah Khaleesa Binti Nor Rul Iman  
Hadiah Kecemerlangan Kepimpinan Reka Bentuk Perindustrian (Tahun 1)  
(Bachelors Reka Bentuk Perindustrian Dengan Kepujian)  
  
Low Wai Shan  
Hadiah Kecemerlangan Akademik Reka Bentuk Perindustrian (Tahun 2)  
(Bachelors Reka Bentuk Perindustrian Dengan Kepujian)  
  
Ramy A/P Mohan  
Hadiah Kecemerlangan Reka Bentuk Perindustrian (Tahun 2)  
(Bachelors Reka Bentuk Perindustrian Dengan Kepujian)

Besatryi A/I. Ramachandran  
Hadiah Kecemerlangan Kepimpinan Reka Bentuk Perindustrian  
(Tahun 2)  
(Bachelors Reka Bentuk Perindustrian Dengan Kepujian)  
  
Ng Jet Li  
Hadiah Kecemerlangan Akademik Reka Bentuk Perindustrian  
(Tahun 3)  
(Bachelors Reka Bentuk Perindustrian Dengan Kepujian)  
  
Aina Binti Akmal  
Hadiah Kecemerlangan Reka Bentuk Perindustrian (Tahun 3)  
(Bachelors Reka Bentuk Perindustrian Dengan Kepujian)  
  
Alimuni Balqis Binti Rohizan  
Hadiah Kecemerlangan Kepimpinan Reka Bentuk Perindustrian  
(Tahun 3)  
(Bachelors Reka Bentuk Perindustrian Dengan Kepujian)



## Penerima Hadiah Kecemerlangan Jabatan JABATAN SENIBINA

Mohammed Imran Bin Muhammad Zamri  
Hadiah Kecemerlangan Akademik Seni Bina (Tahun 1)  
(Bachelors Seni Bina Dengan Kepujian)  
  
Amir Suhuan Bin Amin  
Hadiah Kecemerlangan Reka Bentuk Seni Bina (Tahun 1)  
(Bachelors Seni Bina Dengan Kepujian)  
  
Dzha Zaidan Bin Azrin  
Hadiah Kecemerlangan Kepimpinan Seni Bina (Tahun 1)  
(Bachelors Seni Bina Dengan Kepujian)  
  
Dian Nurjanah Binti Abdul Kadir  
Hadiah Kecemerlangan Akademik Seni Bina (Tahun 2)  
(Bachelors Seni Bina Dengan Kepujian)

Ahmad Emran Bin Saleh  
Hadiah Kecemerlangan Reka Bentuk Seni Bina (Tahun 2)  
(Bachelors Seni Bina Dengan Kepujian)  
  
Immanuel Gunara Alexander  
Hadiah Kecemerlangan Kepimpinan Seni Bina (Tahun 2)  
(Bachelors Seni Bina Dengan Kepujian)  
  
Aisyah Binti Mohd Anuar  
Hadiah Kecemerlangan Akademik Seni Bina (Tahun 3)  
(Bachelors Seni Bina Dengan Kepujian)  
  
Rafiduddin Bin Rozi  
Hadiah Kecemerlangan Reka Bentuk Seni Bina (Tahun 3)  
(Bachelors Seni Bina Dengan Kepujian)  
  
Wong Leng Yong  
Hadiah Kecemerlangan Kepimpinan Seni Bina (Tahun 3)  
(Bachelors Seni Bina Dengan Kepujian)



## Penerima Hadiah Kecemerlangan Jabatan JABATAN SENIBINA LANDSKAP

Evelyn Lee Wing Yam  
Hadiah Kecemerlangan Akademik Seni Bina Lanskap (Tahun 1)  
(Bachelors Senibina Lanskap Dengan Kepujian)  
  
Shahruh Danish Sharif Bin Shahrim  
Hadiah Kecemerlangan Reka Bentuk Seni Bina Lanskap (Tahun 1)  
(Bachelors Senibina Lanskap Dengan Kepujian)  
  
Muhammad Fareez Najmi Bin Mohd Fairuz  
Hadiah Kecemerlangan Kepimpinan Seni Bina Lanskap (Tahun 1)  
(Bachelors Senibina Lanskap Dengan Kepujian)  
  
Norfarissa Anis Binti Ramle  
Hadiah Kecemerlangan Akademik Seni Bina Lanskap (Tahun 2)  
(Bachelors Senibina Lanskap Dengan Kepujian)

Azlee Bin Nedim  
Hadiah Kecemerlangan Reka Bentuk Seni Bina Lanskap (Tahun 2)  
(Bachelors Senibina Lanskap Dengan Kepujian)  
  
Nur Fathiah Shazmeera Binti Kasim  
Hadiah Kecemerlangan Kepimpinan Seni Bina Lanskap (Tahun 2)  
(Bachelors Senibina Lanskap Dengan Kepujian)  
  
Azalia Natrah Binti Mohd Zaharin  
Hadiah Kecemerlangan Akademik Seni Bina Lanskap (Tahun 3)  
(Bachelors Senibina Lanskap Dengan Kepujian)  
  
Sharina Atilla Binti Shamsudin  
Hadiah Kecemerlangan Reka Bentuk Seni Bina Lanskap (Tahun 3)  
(Bachelors Senibina Lanskap Dengan Kepujian)  
  
Krem Mustakim Bin Mohd Yusuf  
Hadiah Kecemerlangan Kepimpinan Seni Bina Lanskap (Tahun 3)  
(Bachelors Senibina Lanskap Dengan Kepujian)



# HAPPY BIRTHDAY *November*

Puan Azliana Zakaria (3 Nov)

Puan Sharifah Afiqah Syed Ahmad (3 Nov)

Encik Muhammad Azlan Abdullah (4 Nov)

Puan Mazliana Mohamed Zin (5 Nov)

Ts. Dr. Maszura Abdul Ghafar (7 Nov)

Encik Zuhaimi Sahat (8 Nov)

Ar. Aznida Azlan (11 Nov)

Prof. Madya Dr. Ahmad Rizal Abdul Rahman (12 Nov)

Puan Rafeah Daud (13 Nov)

Prof. Madya Ts. Gs. Dr. Mohd Johari Mohd Yusof (14 Nov)

Ts. Emran @ Zahrin Mohamad Taram (15 Nov)

Encik Mohamad Aiman Mohd Daud (16 Nov)

Encik Bunawan Samuri (18 Nov)

Ts. Dr. Mohd Zairul Mohd Noor (19 Nov)

Encik Zulkifli Md Zain (22 Nov)

Encik Mohd Saufi Mohamad (27 Nov)

Encik Mohd Kamal Khairi (28 Nov)

Prof. Madya Dr. Mohd Fairuz Shahidan (30 Nov)







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