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“Gold from the Sky”

TRACKING MALAYSIA'S HIDDEN TREASURE WITH REMOTE SENSING AND GIS

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بِسْمِ اللّٰهِ الرَّحْمٰنِ الرَّحِیْمِ

Bismillahirrahmanirahim

Kepentingan Bekerjasama dalam Organisasi: Tonggak Kekuatan FRSB

Dalam mana-mana organisasi, kejayaan tidak pernah lahir dari satu individu semata-mata. Sebaliknya, ia adalah hasil daripada kerjasama yang kukuh, saling menghormati dan semangat berpasukan yang tinggi. Di Fakulti Rekabentuk dan Senibina, Universiti Putra Malaysia, semangat ini menjadi asas dalam setiap aspek kerja dan pencapaian yang dikecapi bersama.

Sebagai sebuah fakulti yang merangkumi pelbagai bidang – dari Seni Bina, Perancangan, Rekabentuk Landskap hingga ke Rekabentuk Perindustrian, kerjasama merentas kepakaran adalah keperluan, bukan pilihan. Kejayaan sesebuah projek atau inisiatif bergantung kepada sejauh mana kita mampu menggabungkan kepelbagaian pandangan, kemahiran dan pengalaman ke arah matlamat yang sama.

Kerjasama dalam organisasi seperti FRSB bukan hanya melibatkan hubungan antara pensyarah dan pelajar, tetapi juga antara staf pentadbiran, teknikal, pengurusan atasan dan penyelidik. Setiap peranan, walau kecil sekali pun, adalah penting dalam memastikan kelancaran operasi dan kualiti hasil yang dihasilkan.

Lebih daripada itu, bekerjasama juga mewujudkan suasana kerja yang positif, meningkatkan motivasi dan rasa memiliki, serta memperkukuh hubungan kemanusiaan dalam organisasi. Ia membina kepercayaan, mempercepat penyelesaian masalah, dan menggalakkan inovasi kerana wujudnya keterbukaan dan sokongan antara satu sama lain.

Di FRSB, kita percaya bahawa kejayaan sebenar lahir apabila semua pihak bergerak seiring, bukan bersaing sesama sendiri. Setiap usaha kolektif dari perancangan kurikulum, penyelidikan bersama, program komuniti, hinggalah kepada urusan pentadbiran harian, mencerminkan nilai kolaboratif yang menjadi teras kecemerlangan kita.

Sebagai warga FRSB, marilah kita terus menyemai semangat bekerjasama dalam setiap tindakan dan keputusan. Bersama, kita bukan sahaja dapat mencapai lebih banyak kejayaan, tetapi juga membentuk sebuah komuniti kerja yang dihormati, disegani dan memberi impak yang berkekalan kepada masyarakat dan negara.

***“Bergerak Bersama, Berjaya Bersama –
Itulah Kekuatan Fakulti Rekabentuk dan Senibina, UPM.”***

“Gold from the Sky”:

TRACKING MALAYSIA'S HIDDEN TREASURE WITH REMOTE SENSING AND GIS

(Emas dari Langit: Menjejak Harta Karun Malaysia dengan Penderiaan Jarak Jauh dan GIS)

Gs. Dr. Shairatul Akma Roslan

In recent weeks, stories have surfaced of gold seekers finding sizeable chunks of gold simply by washing river sands. Gold has been one of the most valuable mineral resources in Malaysia, especially in states such as Pahang, Kelantan, and Sarawak. Today, **Remote Sensing** and **Geographical Information Systems (GIS)** have emerged as modern tools for mapping the presence of gold deposits more efficiently than traditional methods. These technologies allow scientists to “see” indicators of gold mineralization from the sky via satellites or drone/UAV without the need for exhaustive field exploration. This article discusses how these tools work, their advantages in mineral exploration, and real case studies from Malaysia.

How does Remote Sensing and GIS Work?

Remote sensing involves collecting surface data of the Earth from satellites or aircraft across various wavelengths of light. Each type of rock or mineral reflects light differently, producing what is known as a spectral signature. For example, gold is often associated with alteration minerals such as iron oxides (rust) or clays formed through hydrothermal processes. These minerals absorb and reflect light at particular spectral bands, allowing satellite sensors to detect zones of chemical alteration suggesting possible gold deposits [1].



(source: google.2025)

Image processing techniques and analysis are commonly used to highlight subtle variations in surface features, revealing anomalies that may indicate mineralized zones. Meanwhile, **GIS** serves as a platform to integrate multiple layers of geospatial data. Geological maps, geochemical datasets, satellite imagery, and known mining locations can be overlaid to identify areas where multiple gold indicators coincide [2]. Through spatial analysis, researchers can pinpoint promising exploration zones, often referred to as “gold potential maps.”

Advantages of Remote Sensing and GIS

1. Wide and Fast Coverage:

Satellites can map vast areas including dense forests and rugged terrain within a short timeframe, enabling early-stage survey planning before fieldwork begins [3].

2. Cost-Effective:

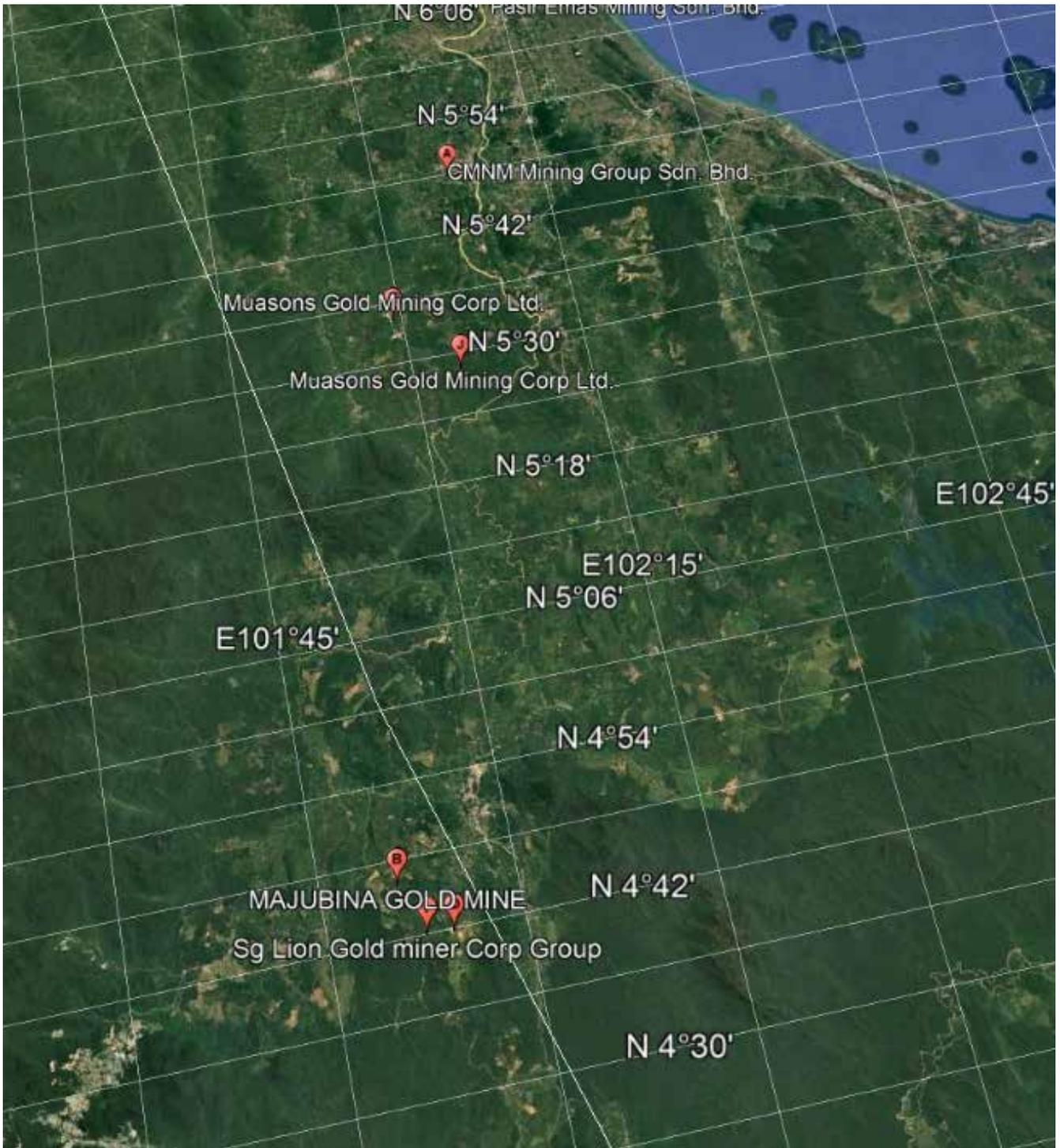
These methods reduce the need for intensive ground surveys and drilling at preliminary stages, thereby lowering overall exploration costs and manpower needs.

3. Environmentally Friendly:

Gold exploration using satellite imagery minimizes physical disturbance to the landscape, making it a more sustainable approach especially in sensitive rainforest areas [4].

4. Detection of Subtle Indicators:

Remote sensing can detect indirect signs of gold mineralization such as hydrothermal alteration zones or structural patterns that might not be obvious at surface level. For instance, radar-based **Synthetic Aperture Radar (SAR)** imagery can penetrate vegetation, and cloud covers to reveal subsurface geological structures such as faults linked to mineral deposit [4].



(source: google earth pro, year accessed 2025)

Case Studies from Malaysia

Penjom–Merapoh, Pahang

Researchers combined Remote Sensing with GIS to evaluate gold prospectivity within dense tropical rainforests. Eight layers of data including geology, fault zones, granitic intrusions, and trace elements such as arsenic (As), tungsten (W), lead (Pb), and copper (Cu) were integrated in a GIS model [3]. Remarkably, the results accurately highlighted the **Penjom Gold Mine**, Malaysia's is one of the largest gold producers as a high-potential zone, along with several nearby areas. This confirmed the effectiveness of spatial data modeling in identifying hidden gold reserves.

Selinsing Gold Mine, Pahang

Faced with dense vegetation and cloud cover, researchers used **Landsat 8** and **ASTER** multispectral imagery to map alteration minerals in the Selinsing area [4]. Through spectral analysis, they identified zones rich in clay and quartz which are common indicators of hydrothermal gold systems. Field verification and laboratory X-ray tests validated the presence of mineralized zones, proving that remote sensing can overcome tropical forest challenges and accurately predict gold potential [4].

Overall, Remote Sensing and GIS have opened new avenues for gold exploration in Malaysia, not only enabling cost-efficient and environmentally friendly surveys but also expanding the range of detectable indicators beyond traditional field methods. While satellite-based anomalies must still be validated through ground sampling, these technologies significantly improve exploration precision and reduce uncertainty. As satellite technologies continue to advance, the ability to locate mineral resources especially gold will only become more effective, supporting sustainable resource development in Malaysia.

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ASSISTIVE ERGONOMIC DEVICES FOR THE ELDERLY: TOOLS THAT MAKE DAILY LIFE EASIER

Dr. Nurhanisah Mohd Hawari

As the world's population grows older, the needs of elderly individuals are becoming increasingly important. Many older adults wish to remain independent, continue living in their own homes, and carry out their daily activities as normally as possible. However, aging naturally brings physical changes such as reduced muscle strength, limited flexibility, slower movement, and a weaker grip. These changes can make simple daily tasks feel more demanding. Ergonomics, combined with assistive device design, offers practical solutions that make everyday life safer, easier, and more comfortable.

According to the United Nations, there are currently over 700 million people aged 65 or older, and that number is projected to more than double by 2050. By 2030, 1 in 6 people globally will be aged 60 or above. This "longevity revolution" is happening faster than ever, especially in low- and middle-income countries, putting new pressure on health systems, caregivers, and design industries. Malaysia is also expected to become an ageing nation by 2030, with 15% of its population aged 60 and above. Data from the Department of Statistics Malaysia (DOSM) shows that the number of senior citizens continues to increase, triggering urgent needs for age-friendly environments and assistive technology.

Everyday Tools That Help

Ergonomics focuses on designing environments, tools, and tasks to fit the abilities of the user. When applied to the elderly, it involves creating products that reduce strain, support proper posture, and allow tasks to be completed with minimal effort. Assistive ergonomic devices are not only about solving problems; they also enhance quality of life by helping older adults maintain independence in their daily routines.

One of the most common challenges faced by the elderly is reduced mobility. Even short distances in the home can become tiring or risky when balance is unstable. Walking aids such as canes, walkers, or rollators are designed with ergonomic handles, stable frames, and lightweight materials to support natural movement. These devices reduce the load on joints, improve balance, and help prevent falls, which is one of the important safety concerns among older adults. For those with more advanced mobility issues, wheelchairs with contoured cushions and adjustable seating angles offer additional comfort and support. Daily self-care activities, such as bathing, dressing, or using the toilet, can also become difficult with age. The bathroom, in particular, is a high-risk area. Ergonomic assistive tools like grab bars, non-slip mats, shower chairs, and raised toilet seats provide

stability and confidence. Simple modifications such as these can significantly reduce the risk of slips and falls. Meanwhile, long-handled sponges, easy-pull zippers, and steady-hand dressing aids allow older adults to maintain personal hygiene and dress without depending entirely on others.

Grip strength often declines with age due to arthritis or muscle weakening. This affects tasks like opening jars, turning doorknobs, or holding kitchen utensils. Designers have created ergonomic tools with larger, cushioned handles, better leverage, and non-slip surfaces, enabling older adults to perform tasks comfortably. Jar openers, adaptive cutlery, key turners, and bottle grips are small but meaningful additions that support independent living. These seemingly simple designs can restore confidence and reduce frustration during daily routines. Living spaces also play a crucial role in elderly comfort. Ergonomic furniture such as high-back chairs, recliners with lumbar support, or adjustable beds helps maintain healthy posture and reduces pressure on the spine and joints. Seating designed at the correct height makes it easier to stand up without straining the knees or hips. In the bedroom, bed rails and soft-light motion sensors enhance safety at night. In the kitchen, placing frequently used items at reachable heights prevents unnecessary bending or stretching.

The value of assistive ergonomic devices goes beyond physical support, it also impacts emotional and social well-being. When elderly individuals can move confidently, perform tasks independently, and reduce discomfort, they feel more empowered and less dependent. This contributes to better mental health, greater participation in daily activities, and improved social interaction. For family members and caregivers, ergonomic devices reduce caregiving burden and provide peace of mind knowing that their loved ones are safer.

Why Ergonomic Solutions Matter Today?

Investing in ergonomic solutions for the elderly is becoming increasingly relevant, especially as many countries, including Malaysia, undergo swift demographic ageing. Thoughtfully designed assistive devices help bridge the gap between physical limitations and daily demands. They support ageing-in-place, reduce healthcare costs, and promote safer homes and communities. Ultimately, these tools remind us that good design is not only about aesthetics; it is about making life better for people of all ages. In conclusion, assistive ergonomic devices for the elderly play a crucial role in enhancing independence, safety, and comfort. When we design tools that

respect the needs and abilities of older adults, we create an environment where they can continue living meaningful, dignified, and fulfilling lives. Ergonomics, at its core, is about supporting people, and for the elderly, the right tools truly make everyday life easier.

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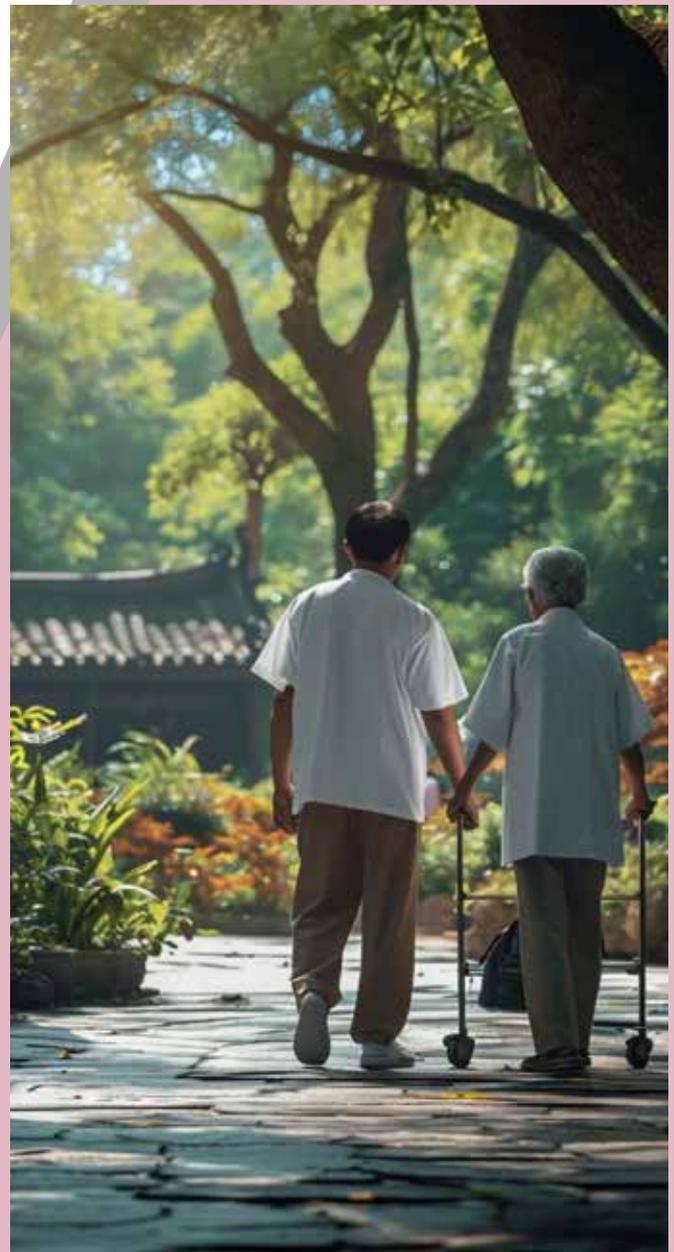


Figure: Old man with assistive tool (Picture is Ai generated).



INTERNATIONAL MIDI SHOWCASE 2025: INNOVATING CULTURES, EMPOWERING LIVES

Syarifah Afiqah Syed Ahmad

SRI SERDANG, 14 Oktober 2025 – Program International MIDI Showcase 2025: Innovating Cultures, Empowering Lives yang dianjurkan oleh Program Master Inovasi Reka Bentuk Perindustrian (MIDI), Jabatan Reka Bentuk Perindustrian, Fakulti Rekabentuk dan Senibina (FRSB), Universiti Putra Malaysia telah dirasmikan oleh Profesor Gs. Dr. Mohd Johari Mohd Yusof, Dekan Fakulti Rekabentuk dan Senibina, Universiti Putra Malaysia. Pameran ini berlangsung selama dua hari iaitu pada 14 dan 15 Oktober bertempat di Galeri Serdang.

MIDI Showcase mengetengahkan pameran hasil akhir studio pembelajaran 16 pelajar pascasiswazah Program Master Inovasi Reka Bentuk Perindustrian dalam tiga kluster utama: Produk, Perabot, dan Reka Bentuk Interaktif. Program ini juga memberi peluang kepada pelajar membentangkan hasil projek akhir kepada pihak tertentu seperti pihak industri dan pusat pengajian pendidikan dari pelbagai lapisan dalam usaha mengkomersialkan hasil reka bentuk.



Pameran ini juga disertai oleh Hubei Institute of Fine Arts (HIFA) dari China yang mempamerkan hasil karya pelajar mereka sebagai simbolik kepada kolaborasi akademik antarabangsa dalam bidang reka bentuk.

Selain daripada pameran sebagai fokus utama program, ianya turut menampilkan pelbagai aktiviti menarik termasuk sesi bual bicara inspirasi Design Talk bertajuk "Innovating Cultures, Empowering Lives." Sesi bual bicara ini menampilkan dua panel jemputan hebat, iaitu Dr. Muhamad Ezran Zainal Abdullah, Pensyarah Kanan dari Universiti Malaysia Kelantan, dan En. Harith Ridzuan, Pengasas serta Ketua Pegawai Eksekutif The Green Factory.

Kedua-dua tokoh ini berkongsi pandangan tentang bagaimana reka bentuk berteraskan budaya dan inovasi mampu memperkukuh penghargaan terhadap warisan budaya, memupuk kelestarian, serta membuka peluang baharu dalam dunia keusahawanan kreatif.

Program International MIDI Showcase 2025 bukan sahaja menjadi platform perkongsian ilmu dan inspirasi, malah memperkukuh hubungan strategik antara akademik dan industri dalam memperkasa reka bentuk berasaskan budaya dan inovasi lestari.





CONNECTING THROUGH CONVERSATION: ACADEMIC VISIT TO THE DISABILITY SERVICES UNIT (DSU), INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA

Dr. Zati Hazira Ismail

KUALA LUMPUR, 23rd October 2025 - As part of the Service-Learning Malaysia, University for Society (SULAM) initiative, a group of 31 students from the Industrial Design programme, led by Dr. Zati Hazira Ismail and accompanied by Dr. Ahmad Fairuz Ariff, embarked on an academic visit to the Disability Services Unit (DSU) at the International Islamic University Malaysia (IIUM). The visit was conducted as part of the course IND3202, Design and Realisation Laboratory II, which aims to expose students to functional and human-centred product design. The experience forms part of the students' SULAM engagement project, allowing them to interact directly with the community they are designing for. Beyond classroom learning, the visit sought to cultivate empathy, awareness, and social responsibility among future designers. By immersing themselves in real-life contexts, students were encouraged to understand not only how design functions but how it enables lives.

The day began early at Studio 3, where students gathered for breakfast and a short briefing. There was a sense of quiet excitement in the air, an anticipation



of the meaningful experiences awaiting them. At 9:15 a.m., the bus departed for IIUM, marking the start of a journey that promised to be both educational and transformative. Upon arrival, the group was welcomed to the Dar al-Hikmah Library, one of the most accessible and disability-friendly facilities on the campus. The library features thoughtfully designed ramps and inclusive facilities, symbolising IIUM's commitment to universal access. This setting



perfectly reflected the essence of the visit: designing environments that include rather than exclude. At the library's multipurpose room, the group was greeted by Professor Dr. Ruzita binti Mohd Amin, Head of the DSU and Professor of Economics at the Kulliyah of Economics and Management Sciences.

Professor Ruzita is a respected advocate for disability inclusion in higher education. Under her leadership, the DSU has been instrumental in implementing IIUM's Disability Inclusion Policy and supporting the Ministry of Higher Education's Action Plan to Improve Teaching and Learning of Disabled Students at Institutions of Higher Learning. During her sharing session, Prof. Ruzita's passion for inclusive design shone brightly. She reminded the students that "*good design enables, and bad design disables*." With this powerful statement, she underscored that disability is not merely a physical or cognitive limitation, but often a result of design choices that fail to accommodate diversity.

Her words challenged the audience to rethink the role of designers not as mere creators of products, but as enablers of accessibility and equality. Prof. Ruzita also shared inspiring stories about DSU members who continually push beyond limitations. One of the most memorable was how, despite their physical challenges, the unit's members successfully climbed Mount Kinabalu, proving that determination and teamwork can overcome any perceived barrier. "At DSU," she said, "we don't see ourselves as recipients of help. We are contributors. We give back to society."

Following the talk, the session transitioned into

an engaging dialogue among IIUM special needs undergrads and postgrads, students from various programs, and UPM's industrial design students. The atmosphere was open and friendly, an exchange of stories, perspectives, and aspirations. IIUM's students shared how design impacts their daily lives, from navigating buildings to using everyday tools and technologies. Their honest reflections opened UPM students' eyes to the real implications of design decisions, showing how something as simple as a door handle or a ramp angle can determine accessibility.

UPM students, in turn, shared their own learning journey in Industrial Design, and how they aim to create products that are inclusive and user-centred. The conversation bridged two groups of learners, each offering unique insights into how design can shape a more equitable world. One of the most impactful segments of the visit was a series of experiential activities that allowed UPM students to step into the shoes of people with disabilities, literally and metaphorically.

Under the guidance of DSU members, students took part in role-playing exercises using wheelchairs and white canes. They navigated paths, ramps, and everyday obstacles within the library's vicinity. This hands-on activity brought theory to life. Students quickly realised how something as routine as moving through a corridor or finding a lift button can become a significant challenge without inclusive design considerations. The experience transformed abstract empathy into tangible understanding.



Many students later reflected that the activity shifted their perspective from sympathy to empathy. Instead of viewing disability as a limitation, they began to see design as the bridge to empowerment. After the session, both groups gathered for a simple lunch, sharing laughter, gratitude, and newfound respect for one another. Conversations buzzed with excitement as students continued discussing what they had learned.

For the Industrial Design students, this visit was more than an academic requirement; it was a human experience that connected design with real lives. They left IIUM not only with insights for their upcoming

design projects but with a more profound sense of responsibility as future designers. On the journey back to UPM, the students had begun to see the world differently. As Dr. Zati noted in a message to Prof. Ruzita later that day:

"On the bus just now, the students were still talking excitedly about the session! I could hear them pointing out possible hazards along our walk to the bus stop. I may not know exactly what ideas they'll come up with... but I'm certain there are 31 very inspired students on the bus today."

The visit to the Disability Services Unit at IIUM was more than just an academic excursion; it was a transformative journey of empathy and enlightenment. Students witnessed how inclusive design can change lives. The experience reinforced SULAM's core values that learning is most powerful when it serves society. It reminded everyone that the best designs emerge not from the drawing board alone, but from listening, observing, and understanding the people for whom we design.

As future designers, the students now carry a renewed awareness: that every design choice holds the power to include or exclude, to enable or disable. The visit was not only an academic milestone, but also a moral compass guiding them toward creating a world where design truly belongs to everyone.



MAJLIS AKHIR PERTANDINGAN REKABENTUK
PERABOT KAYU LESTARI 2025 ;

PROJEK KOLABORASI ANTARA FAKULTI REKABENTUK DAN SENI BINA (FRSB)

DAN

FAKULTI PERHUTANAN DAN ALAM SEKITAR (FHAS), UNIVERSITI PUTRA MALAYSIA (UPM),

Dr. Nurhanisah Mohd Hawari





SRI SERDANG, 4 November 2025 - Pertandingan Rekabentuk Perabot Kayu Lestari 2025 telah melabuhkan tirai dengan jayanya pada 4 November 2025, menandakan satu sambutan terhadap kreativiti, inovasi, dan kesedaran rekabentuk lestari dalam kalangan pereka muda. Acara ini adalah anjuran bersama oleh Fakulti Rekabentuk dan Seni Bina (FRSB) dan Fakulti Perhutanan dan Alam Sekitar (FHAS), Universiti Putra Malaysia (UPM), bagi menggalakkan para pelajar meneroka potensi kayu lestari sebagai bahan utama dalam menghasilkan rekabentuk perabot yang menarik dan berpotensi untuk dikomersialkan.

Bertemakan "Perabot ruang tamu untuk kediaman mikro yang diinspirasi oleh budaya dan identiti Malaysia", pertandingan tersebut telah menerima penyertaan lebih daripada 100 kumpulan pelajar dari pelbagai fakulti dan institusi, menunjukkan minat yang semakin meningkat terhadap rekabentuk berteraskan kelestarian. Seterusnya, hanya 10 kumpulan sahaja yang layak ke peringkat akhir.

Pertandingan ini bertujuan untuk memupuk kesedaran serta penghargaan terhadap penggunaan sumber kayu lestari dalam penghasilan perabot, selaras dengan usaha negara untuk mempromosikan rekabentuk hijau dan penggunaan bahan yang bertanggungjawab. Ia juga menjadi platform bagi menggalakkan kolaborasi antara pelajar daripada pelbagai latar belakang bidang rekabentuk dan alam sekitar.

Majlis Pengumuman Pemenang dan Penyampaian Hadiah

Kemuncak acara ini adalah Majlis Pengumuman Pemenang dan Penyampaian Hadiah, yang diadakan di dewan kuliah FHAS. Dalam majlis tersebut, tiga rekabentuk yang terhasil daripada idea kreativiti dan komitmen pereka muda telah berjaya memenangi hati juri. Tempat pertama telah dimenangi oleh kumpulan Lumi Kayu, yang dianggotai oleh Amirul Luqman Mat Yusoff (FRSB, UPM), Muhammad Syazwan Mohamad dan Teo Nam Kun (FHAS, UPM). Tempat kedua pula dimenangi oleh kumpulan Ruang Sapeh Bar Table diwakili Chew Chuan Xiang dan Wong Guo Jing daripada Universiti Sains Malaysia (USM) dan tempat ketiga dimenangi oleh kumpulan Dwilena diwakili Harith Lim Bin Lokman Lim Hoong Wai, Universiti Kuala Lumpur (UNIKL) dan Nixon Ng Kah Zun, Asia Pacific University (APU).

Dua kumpulan wakil daripada FRSB turut menerima Hadiah Saguhati sebagai pengiktirafan terhadap idea dan naratif rekabentuk yang kreatif iaitu kumpulan PatWeave, diwakili oleh Yap Kin Jun dan Elfar Mohammed Tarek Mohammed, serta kumpulan Bungkus+, yang dianggotai oleh Cheah Pei Yi dan Ng Hui Rui. Kedua-dua peserta merupakan pelajar tahun 4, Bachelor Rekabentuk Perindustrian, melalui kelas IND 3205 Makmal Rekabentuk dan Pembuatan, di bawah penyelarasan Dr Jazmin Mohamad Jaafar dan Encik Industri Saion.

Ke Arah Masa Depan yang Lebih Lestari

Dalam ucapan pembukaan, Prof. Dr Mohd Shahwahid Haji Othman yang merupakan pengerusi projek bagi Promoting Sustainable Wood Use for Domestic Market in Malaysia (SWU), menzahirkan penghargaan kepada semua peserta atas dedikasi dan daya kreativiti mereka dalam menzahirkan mesej kelestarian melalui rekabentuk. Beliau menegaskan bahawa Malaysia sebagai negara pengeksport utama bahan mentah kayu ke luar negara, sepatutnya boleh mempunyai reka bentuk tersendiri kerana kekayaan kita dengan bahan mentah untuk menghasilkan perabot yang lebih berkualiti. Beliau menambah, kejayaan sebenar pertandingan ini bukan hanya pada kemenangan, tetapi pada kesedaran yang berjaya dipupuk dalam

kalangan pereka muda untuk berfikir secara lestari dalam setiap aspek reka cipta.

Pertandingan ini membuktikan bahawa minda inovatif mampu mentafsir semula bahan buangan dan sumber kayu boleh diperbaharui menjadi rekabentuk perabot yang berkualiti, berfungsi dan menarik. Dengan mengetengahkan kayu lestari dalam pembuatan perabot, pertandingan ini turut memperkukuh komitmen UPM terhadap pendidikan rekabentuk yang berteraskan tanggungjawab alam sekitar.

Melalui penganjuran seperti ini, UPM terus berperanan dalam melahirkan generasi pereka masa depan yang bukan sahaja menghasilkan karya terlung, malah menyumbang ke arah dunia yang lebih lestari dan bertanggungjawab.







MAJLIS TAKLIMAT PELAJAR BAHARU SEMESTER PERTAMA SESI 2025/2026 BERSEMPENA PROGRAM PERKASA PUTRA FRSB

Nor Azlinda Othman

SRI SERDANG, 8 Oktober 2025 - 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 124 orang pelajar. Untuk program Bacelor Seni Bina Landskap Dengan Kepujian seramai 47 orang pelajar, Bacelor Sains Seni Bina Dengan Kepujian seramai 48 orang pelajar dan Bacelor Reka Bentuk Perindustrian

Dengan Kepujian seramai 29 orang pelajar yang mendaftar kehadiran pada hari kejadian.

Program ini dimulakan dengan sesi pendaftaran pelajar baharu, diikuti dengan ketibaan Ahli Pengurusan dan semua Pensyarah di Fakulti Rekabentuk dan Senibina beserta tayangan video fakulti. Seterusnya ucapan Aluan oleh Dekan Fakulti iaitu Profesor Gs. Dr. Mohd Johari Mohd Yusof serta Taklimat Akademik oleh Timbalan Dekan (Akademik, Antarabangsa dan Hal-Ehwal Pelajar dan Alumni) 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. Tahniah dan Selamat Datang kepada semua pelajar baharu ke Fakulti Rekabentuk Dan Senibina, Universiti Putra Malaysia.





FRSB POSTGRADUATE STUDENTS GET- TOGETHER

Nurazlin Jaafar

SRI SERDANG, 23 Oktober 2025 – Fakulti Rekabentuk dan Senibina (FRSB), Universiti Putra Malaysia telah menganjurkan program "FRSB Postgraduate Students Get-Together" bertempat di Bilik Seminar, FRSB. Program ini dianjurkan oleh Pejabat Timbalan Dekan Penyelidikan, Inovasi dan Siswazah (TDPIIS) sebagai inisiatif bagi menyambut kedatangan pelajar baharu Doktor Falsafah (PhD) dan Sarjana Sains (MSc) bagi Semester 1, Sesi 2025/2026.

Majlis yang bermula pada jam 2.30 petang itu turut dihadiri oleh para pensyarah, penyelidik serta warga fakulti dalam suasana mesra dan penuh keterujaan. Program ini bertujuan memperkenalkan struktur pengajian siswazah di FRSB serta memberi peluang kepada pelajar baharu untuk berkenalan dengan pensyarah, rakan penyelidik dan warga fakulti.

Program berbentuk santai ini memberi peluang kepada pelajar pascasiswazah untuk berinteraksi, bertukar pandangan dan membina rangkaian sokongan akademik. Program ini mewujudkan ruang komunikasi dua hala yang lebih terbuka antara pelajar dan pihak fakulti, menggalakkan kolaborasi penyelidikan serta mengeratkan hubungan komuniti.

Selain sesi suai kenal, majlis turut menampilkan ucapan alu-aluan daripada Timbalan Dekan Penyelidikan, Inovasi dan Siswazah, Prof. Madya Dr. Shureen Faris Abdul Shukor, serta perkongsian maklumat penting berkaitan penyelidikan dan peluang inovasi di FRSB.

Program seumpama ini diharap dapat mengeratkan hubungan antara pelajar dan pensyarah, sekaligus membentuk komuniti siswazah yang aktif, dinamik dan berdaya saing.

Penganjuran program ini turut disokong oleh unit Penyelidikan dan Penerbitan di bawah seliaan Rohaya Ishak, serta dibantu oleh barisan urus setia daripada unit Penyelidikan (Doktor Falsafah dan Sarjana Sains) iaitu Nursyida Mansor, Noor Munirah Abdul Halim dan Nurazlin Jaafar dengan penyelarasan oleh Penolong Pendaftar Kanan, Pejabat TDPIS, FRSB.



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 **PUTRA**
PERTANIAN UNTUK RAKYAT

FRSB POSTGRADUATE STUDENTS GET-TOGETHER

FIRST SEMESTER 2025/2026

23 OCTOBER 2025 | 2.30 PM | SEMINAR ROOM, FRSB

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PROGRAM JIWA PUTRA@FRSB BERSAMA PELAJAR BAHARU SESI AKADEMIK 2025/2026

Norazlinda Othman

Serdang, 26 Oktober - semua pelajar baharu Sesi Kemasukan 2025/2026, telah terlibat menjayakan Program Jiwa Putra@FRSB bermula jam 8.00 pagi hingga 11.00 pagi bertempat di Dusun, Fakulti Rekabentuk dan Senibina. Kehadiran 125 orang pelajar dan beberapa staf pemantau daripada berlainan jabatan memeriahkan pagi di persekitaran fakulti. Aktiviti yang dijalankan adalah latihan penyelenggaraan bagi melestarikan tanaman dusun untuk tujuan pengajaran dan pembelajaran, FRSB.

Objektif program ini adalah bertujuan untuk mempersiapkan pelajar baharu dalam membina jati diri, kekuatan semangat kekitaan, serta memberi pendedahan awal terhadap budaya dan nilai-nilai kebersamaan Universiti Putra Malaysia. Selain itu, program ini dapat mempererat lagi hubungan antara pelajar dan warga kerja fakulti serta pelajar dapat mengaplikasikan pengalaman pembelajaran secara praktikal berkaitan pemahaman slogan

Pertanian Untuk Rakyat (PUTRA).

Program dimulakan dengan mendengar ucapan aluan oleh Prof. Madya Dr. Zalina Shari, Timbalan Dekan (Akademik, Antarabangsa dan Hal-Ehwal Pelajar & Alumni), diikuti taklimat dan penerangan gerak kerja oleh Ts Asmadi Sarun, Pegawai Pertanian Kanan, FRSB berkaitan teknik membaja dan campuran baja yang digunakan untuk tanaman durian. Turut ditekankan ialah aspek keselamatan ketika menggunakan peralatan pertanian. Keluasan dusun FRSB ialah 6.3 ekar, di mana 2.3 ekar khusus untuk penanaman durian sejak tahun 2017. Terdapat 10 klon durian yang sedia ada yang ditanam mengikut baris dan pada ketika ini dua klon durian yang sedang berbuah ialah D197 (Raja Kunyit/Musang King) dan D101 (Bangkok T16).

Pelajar seterusnya dibahagikan kepada beberapa kumpulan dengan dibantu oleh beberapa staf yang mahir dalam pengendalian peralatan dan menunjukkan kaedah membaja yang betul.

Pelajar juga teruja mempelajari sesuatu yang baharu kerana berpeluang untuk memegang cangkul buat pertama kalinya dan juga menggali beberapa lubang secara poket untuk menanam baja di sekeliling pokok rambutan mengikut hujung silara (kanopi) daun dan kadar pembajaan yang diberikan ditunjukkan.

Program berakhir dengan penyampaian hadiah oleh Prof. Madya Dr. Zalina Shari kepada pelajar yang berjaya menjawab dengan tepat dua soalan kuiz yang disediakan sebelum bersurai dan pulang ke kolej kediaman masing-masing.



 **UPM** FAKULTI REKABENTUK DAN SENIBINA **PUTRA** PERTANIAN UNTUK RAKYAT

"PERSEKITARAN LESTARI PEMBELAJARAN KONDUSIF"

PROGRAM

JIWA PUTRA @ FRSB

26/10/2025 (AHAD) | 8.00 PAGI - 11.00 PAGI

ATURCARA PROGRAM

8.00 – 8.30 pagi (Lobby)
Pendaftaran Pelajar & Sarapan pagi

8.45 pagi (Dusun, FRSB)
Taklimat Aktiviti Program : Ts. Asmadi Sarun

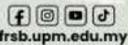
9.00 pagi
Aktiviti bermula mengikut kumpulan masing-masing diiringi dengan staf sokongan

11.00 pagi
Sesi bergambar dan program tamat.

SEMUA PELAJAR TAHUN 1 SESI KEMASUKAN 2025/2026 DIWAJIBKAN HADIR

Pakaian Sukan & Berkasut (Sandel/Selipar Tidak Dibenarkan)

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HAPPY BIRTHDAY

October

- 02/Oct-** Wan Sofiah Wan Ishak (Ar.)
- 02/Oct-** Sarah Salwah Adnan
- 03/Oct-** Muhamad Syakir Mahadzir
- 04/Oct-** Sarah Abdulkareem Salih (Dr.)
- 10/Oct-** Mohd. Faiz Yahaya (Dr.)
- 10/Oct-** Zetty Fazleen Anuar
- 10/Oct-** Nurin Mansoor (Dr.)
- 14/Oct-** Marini Abd Kadir
- 15/Oct-** Nur Nadiah Jasmi
- 23/Oct-** Athira Azmi (Dr. Ar.)
- 23/Oct-** Najwa Norman
- 25/Oct-** Ricma Esther Anak Ricky Adres
- 26/Oct-** Hassan Alli (Prof. Madya Ts. Dr.)
- 27/Oct-** Sateerah Hassan (Ar.)
- 28/Oct-** YM Raja Ahmad Azmeer Raja Ahmad Effendi (Prof. Madya Ts. Dr.)
- 30/Oct-** Nursyida Mansor
- 31/Oct-** Mohd Azli Mohmad Jamil (Ar.)



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