

Universiti Kuala Lumpur

XGRESS

July - December 2024

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TEARS THAT SPEAK ALL



FACES OF UniKL

No Limits To
Giving Back

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WAVE TANK

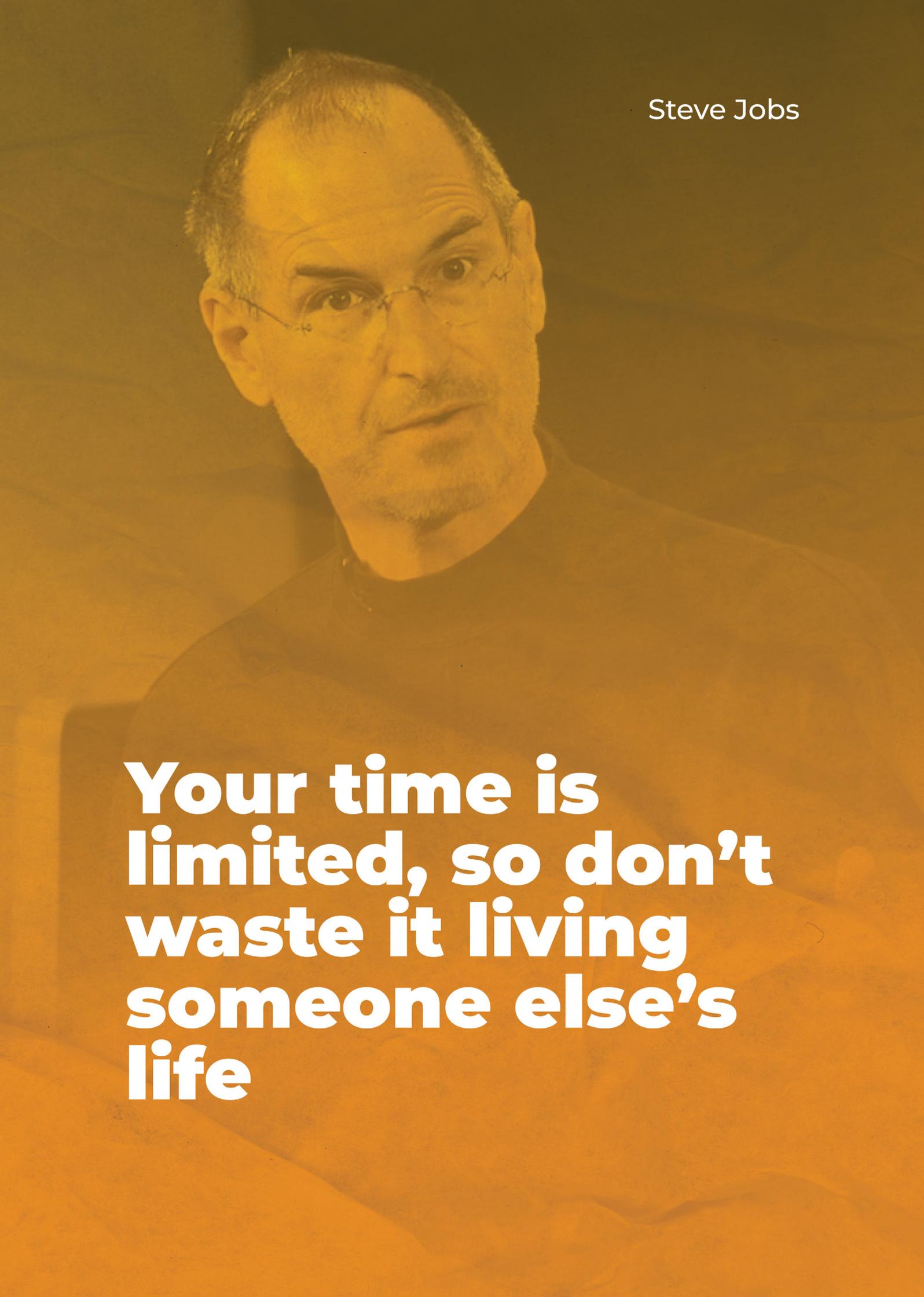
Charting New
Waters

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DISCOVERY DIGEST

Deep Learning Models for Crop
Leaf Disease Detection on Real-Time
Drone Monitoring

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A portrait of Steve Jobs, wearing his signature black turtleneck and glasses, looking directly at the camera. The image is overlaid with a semi-transparent yellow-orange filter. The text "Steve Jobs" is positioned in the top right corner.

Steve Jobs

**Your time is
limited, so don't
waste it living
someone else's
life**

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Tears that speak all

“**UniKL** has shaped me into a leader. Switching from Physiotherapy to OSH was a leap, but I told myself that I had to complete this process.”

Parenthood was absent from Mohamad Solehin Zulkarnain’s life, but that did not stop him from thriving in the warmth and love he found elsewhere. His story proves that family comes in many forms and success can be nurtured in the most unexpected ways.

The youngest of two siblings, Mohamad Solehin was raised by his grandparents, aunt, and uncle from infancy. It was not always easy, but he learned to weather the storms and transform hardship into strength.

Today, that strength shines through as he stands proudly as the recipient of the prestigious Chancellor’s Award at Universiti Kuala Lumpur’s (UniKL) 21st Convocation Ceremony.





Hailing from Batu Gajah, Perak, Mohamad Solehin has faced his share of adversity. Raised by his extended family, he often heard whispers from people questioning how he could possibly succeed without the guidance of his parents.

Yet, it was his family that shaped him, providing the values, education, and love that propelled him forward.

“Even though I was raised by my grandparents, uncle, and aunt, those are my sweetest memories,” he shared, his voice filled with gratitude.

“People would say negative things like you cannot grow without your parents. But my family taught me to be a good person, to have character, and to carry myself as one of the caliphs in this world. Today, I have proven to them that you can still be successful.”

A graduate of the Bachelor of Occupational Safety & Health (Honours) programme, Mohamad Solehin was shaped by deep personal loss. His parents divorced when he was just three months old.

While studying for his diploma in Physiotherapy at UniKL Royal College Medicine Perak (UniKL RCMP), he learned of his father's passing. Then, in his final year at UniKL Institute of Medical Science Technology (UniKL MESTECH), he lost his mother. Yet through it all, he persevered, channelling his pain into purpose.

Now working as an Executive and Consultant specialising in Ergonomics, Mohamad Solehin reflects on his long journey at UniKL.

"It's been a humble path," he says. "I started in 2015 at UniKL RCMP for my diploma in Physiotherapy. Afterwards, I worked as a Junior Physiotherapist, where I met people from the Occupational Safety

and Health (OSH) field. It was during those moments I realised that this was where I wanted to be."

Notably, he is the first-ever recipient of the Chancellor's Award from UniKL MESTECH. During the challenging COVID-19 pandemic, he was appointed head of the Resident College Council (RCC) and worked tirelessly to help manage the outbreak.

His involvement in OSH, industry programmes, and community outreach efforts has earned him respect and admiration.

"It is about taking care of people's welfare, their health, and their safety. Every setback I faced only made me stronger and more determined," he said.

Looking ahead, Mohamad Solehin dreams of becoming a lecturer, hoping to inspire and guide the next generation.



Mohamad Solehin, accompanied by his grandmother (in the middle) and family, delivered a heartfelt valedictorian speech at UniKL's 21st Convocation Ceremony, creating a solemn atmosphere and capturing the hearts of everyone in the hall.



“In 10 years, I want to share my knowledge, teach, and inspire students to be good people. Every era is different, but if I can succeed, then I believe that a thousand more ‘Mohamad Solehins’ can succeed too,”

Mohamad Solehin Zulkarnain

For Yusuf, No Limits to Giving Back



As the saying goes, “Kindness knows no boundaries.” The same holds for Ahmad Yusuf Wildan Rosharudin, whose passion for giving back knows no limits.

A fourth-year student in the Bachelor of Medicine and Bachelor of Surgery programme at Universiti Kuala Lumpur Royal College of Medicine Perak (UniKL RCMP), Ahmad Yusuf Wildan has seamlessly integrated his academic pursuits with his dedication to community service.

From July 7 to August 6, 2024, Ahmad Yusuf Wildan was selected as part of the Yayasan Sukarelawan Siswa (YSS) contingent for the

Green Summer Volunteer Campaign 2024 in Vietnam.

Under the programme, the Malaysian contingent partnered with university students from the University of Social Sciences and Humanities (USSH) and was stationed in Cu Chi District, a village located 37.7 km from Ho Chi Minh City.

As with most community service initiatives, the volunteers were given only limited funds for basic project needs and meals. Luxuries were scarce, and they had to rely on their resourcefulness to adapt.

“Besides volunteering activities, our daily routine involved planning and cooking meals, sending live updates to a WhatsApp group, conducting nightly post-mortem meetings, and writing daily reports about our journey in Vietnam,”

Ahmad Yusuf Wildan

“I still remember having to slaughter chickens daily due to the difficulty of finding halal meat. The experience was traumatising, yet it was truly memorable—doing something like that in a foreign country with limited equipment was both challenging and rewarding.”

Cu Chi District, though historically significant as a key site during the Vietnam War, is rapidly evolving into an industrial and manufacturing hub. Despite its growth, the area still grapples with basic infrastructure challenges, especially in rural parts.

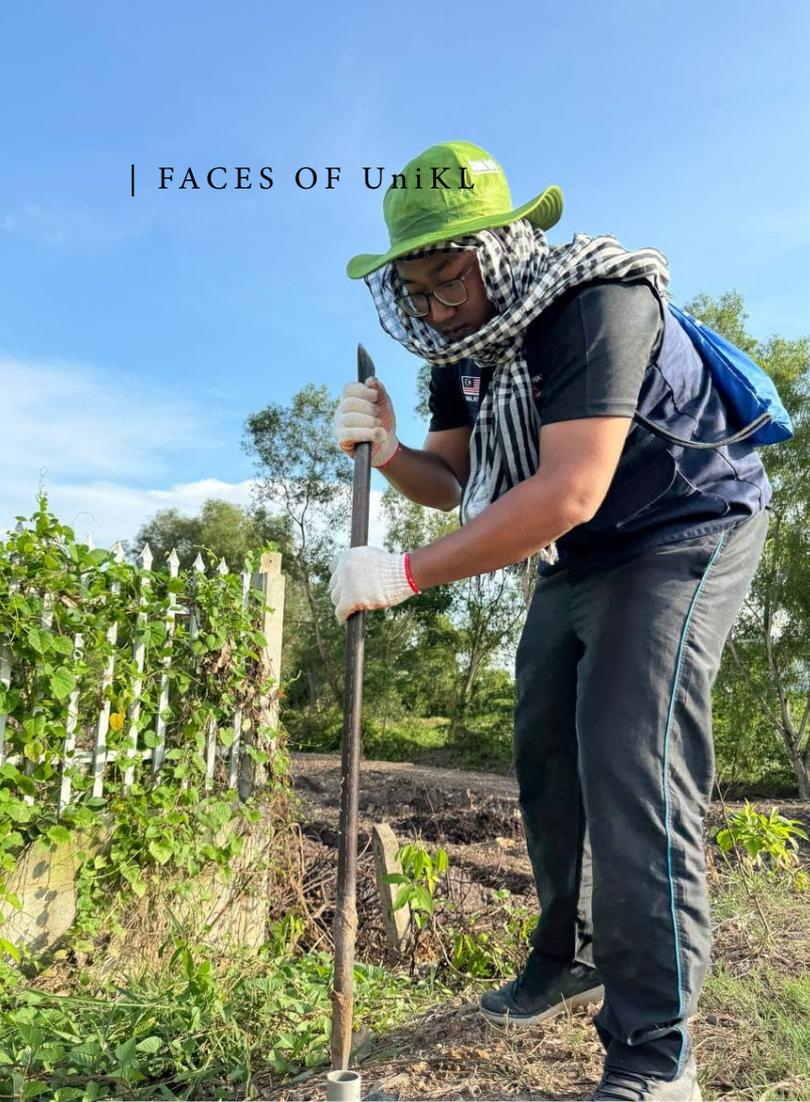
Having witnessed the effects of the Vietnam War firsthand, many elderly residents were initially sceptical of outsiders. However, the community-driven efforts of the volunteers helped bridge this gap and fostered trust.

During the month-long mission, Ahmad Yusuf Wildan observed that fundamental needs such as proper roads and a safer, dengue-free environment were still rudimentary.

One of the major tasks assigned to the team was building a 200-meter-long tar road connecting two villages. This road would ensure safer travel for the villagers and play a vital role in boosting the area’s socioeconomic activities.



| FACES OF UniKL



"The process was gruelling. It involved clearing the area, flattening the ground, shovelling gravel, and pouring tar. Despite the challenges, teamwork made the dream work. The project's success was a collective effort, with the local Youth Union and the community pitching in," he said.

Another impactful project was raising awareness about dengue prevention among the elderly. Ahmad Yusuf Wildan and his team identified mosquito breeding grounds, flagged them, and conducted clean-up activities.

By the end of the day, the community began urging local authorities to organise regular clean-ups. This led to the establishment of a weekly cleanup initiative, ensuring the area remained dengue-free.





The volunteers' contributions spanned six focus areas, or "pillars": Education Enhancement and Capacity Building; Climate Resilience and Environmental Sustainability; Unity and Community Empowerment; Health and Well-being; Digital Transformation; and Social Impact Mobilisation. Through these pillars, a total of 47 projects were carried out, benefiting approximately 7,000 residents.

"I have always loved giving back to the community and honing my soft skills. I discovered YSS through a friend who had participated in a mission in Sabah. Initially, I was hesitant about applying due to the time commitment, as it might affect my medical school schedule. However, the Vietnam mission coincided with my year-end break, and I decided to give it a shot," Ahmad Yusuf Wildan said.

The selection process, held at the Ministry of National Unity in Putrajaya,

required applicants to submit a portfolio of activities, supporting documents, and a motivation letter. Ahmad Yusuf Wildan's dedication earned him a spot in the programme.

Looking ahead, Ahmad Yusuf Wildan is eager to continue similar initiatives. "YSS has given me an incredible platform to explore my passion for volunteerism and personal growth. Moving forward, I plan to focus on targeted communities such as the Orang Asli in Royal Belum, with health and education initiatives.

"I'm also advocating for prisoner rehabilitation to support their reintegration into society. Next year, I aim to broaden my horizons with an elective posting in Tanzania, combining volunteering opportunities with medical training. My aspiration is to become a doctor who inspires and contributes meaningfully to global communities," he concluded.



Wave Tank – Charting New Waters

A wave tank for educational purposes plays a crucial role in the development and advancement of Malaysia's maritime industry. Beyond its primary use in research and development, its potential for commercialisation will greatly benefit industry players, fostering local expertise and reducing the need to outsource water testing abroad.

At the heart of this initiative is the Hydrodynamics Wave Tank Testing Centre at Universiti Kuala Lumpur's Malaysian Institute of Marine Engineering Technology (UniKL MIMET).

According to Dr. Iwan Zamil Mustaffa Kamal, Head of the Asia Marine Design Centre (ADMC), this state-of-the-art facility will serve as a pivotal

platform for nurturing local talent in Malaysia.

"This centre is primarily established to support the teaching and learning of our new programme, the Bachelor of Engineering Technology (Offshore) with Honours at UniKL MIMET.

"However, aside from teaching, the facility will also support postgraduate research and has the potential to engage in commercial research and engineering projects in the future," said Dr. Iwan.

Officially commissioned in the second half of 2024, the wave tank spans 30 meters in length, 10 meters in width, and boasts a water depth of six meters. An additional centrepiece will extend the overall depth to 10 meters.

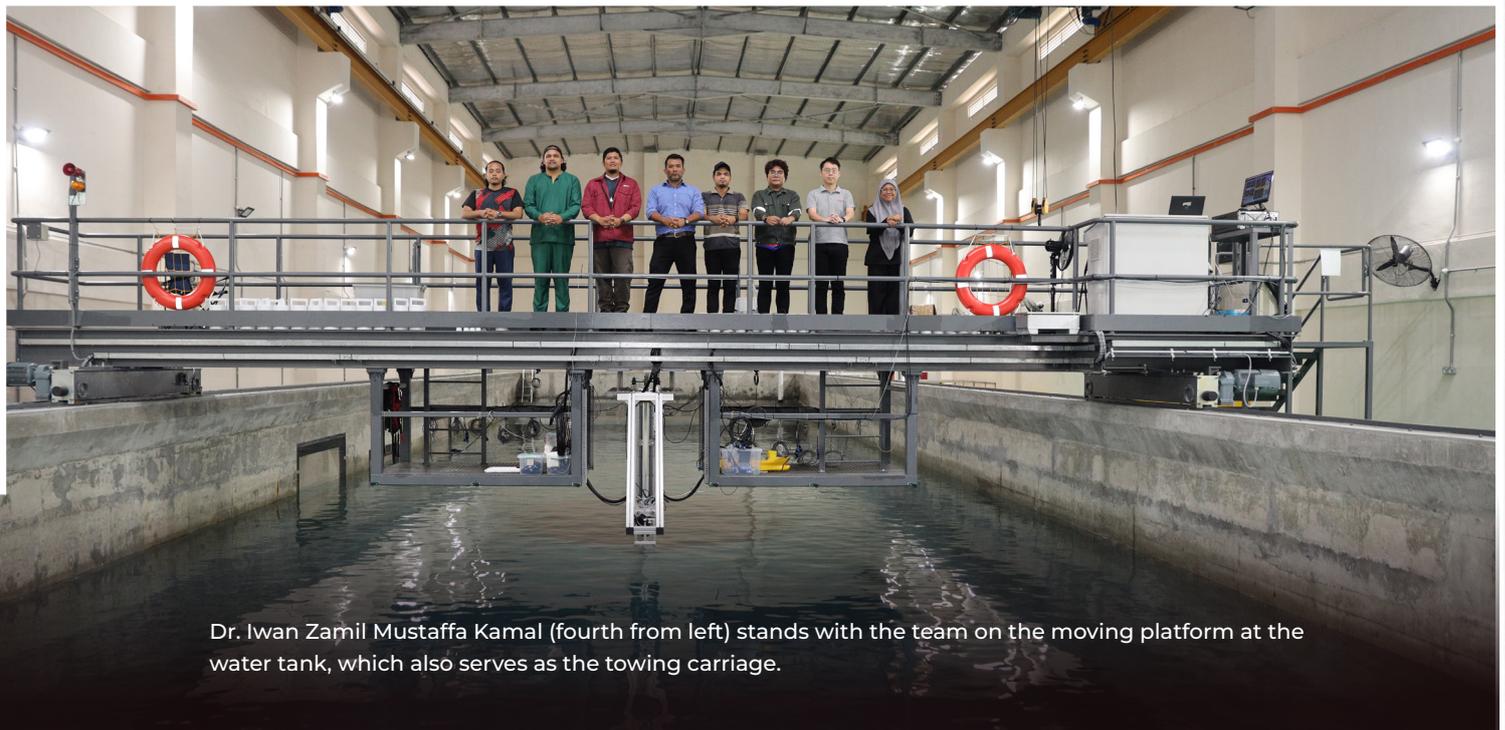


This unique feature allows for the testing of various maritime vessels, including container ships and floating structures for the oil and gas industry, such as semi-submersible platforms.

The testing process involves scaling down models to about 1:70 of their full size, enabling the facility to simulate the motion of these vessels in waves and assess their ability to withstand harsh environmental conditions, including wave and wind loads.

“The demand from industry players has already been significant.

“Even before the project was fully underway, several companies approached us about using the facility. This is a testament to the need for such capabilities in Malaysia, as industry players have previously had to send their vessels abroad for testing, to places like China or Singapore.



Dr. Iwan Zamil Mustaffa Kamal (fourth from left) stands with the team on the moving platform at the water tank, which also serves as the towing carriage.



“With this new facility, we can conduct these tests locally, developing local expertise and supporting Malaysia’s maritime sector,” Dr. Iwan explained.

Looking ahead, the wave tank facility is designed not only to support academic research but also to drive forward commercial collaborations. Dr. Iwan emphasised the importance of collaboration, noting that while the facility at UniKL MIMET is new, it offers deeper capabilities compared to some of the

older facilities in the region. These collaborations will help shape the future of marine technology and engineering development in Malaysia.

“By joining forces, we can accelerate our learning curve and ensure the long-term success of this facility,” he further noted.

With the development of the wave tank, Malaysia is poised to become a regional hub for marine engineering and maritime innovation.

Deep Learning Models for Crop Leaf Disease Detection on Real-Time Drone Monitoring

Plants are part of nature and are subject to diseases. Although it is a natural occurrence, plant diseases are major problems in the plantation industry and can cause significant production losses.

Some plant diseases can be detected by the naked eye, while others cannot. The traditional method of detecting plant diseases requires detailed monitoring and is time-consuming, especially in large farms.

New technologies, such as sensors, have been developed to detect plant diseases, but they can be costly and time-consuming. Moreover, they may not be accessible to farmers in rural areas.

To overcome these limitations, the researchers, led by Ts. Dr. Mohd Aliff Afira Hj Sani, researched this topic, discussing the use of image processing techniques and machine learning algorithms to detect and classify plant diseases. They analysed different methods to determine which ones had the highest accuracy.

The images undergo various techniques, such as image pre-processing, image segmentation, and feature extraction. Features such as colours, shapes, and textures are extracted from each image, which is then utilised by machine learning algorithms for classification.



CONCURRENT EXHIBITION:



INCORPORATING:



MALAM
BUKA
17

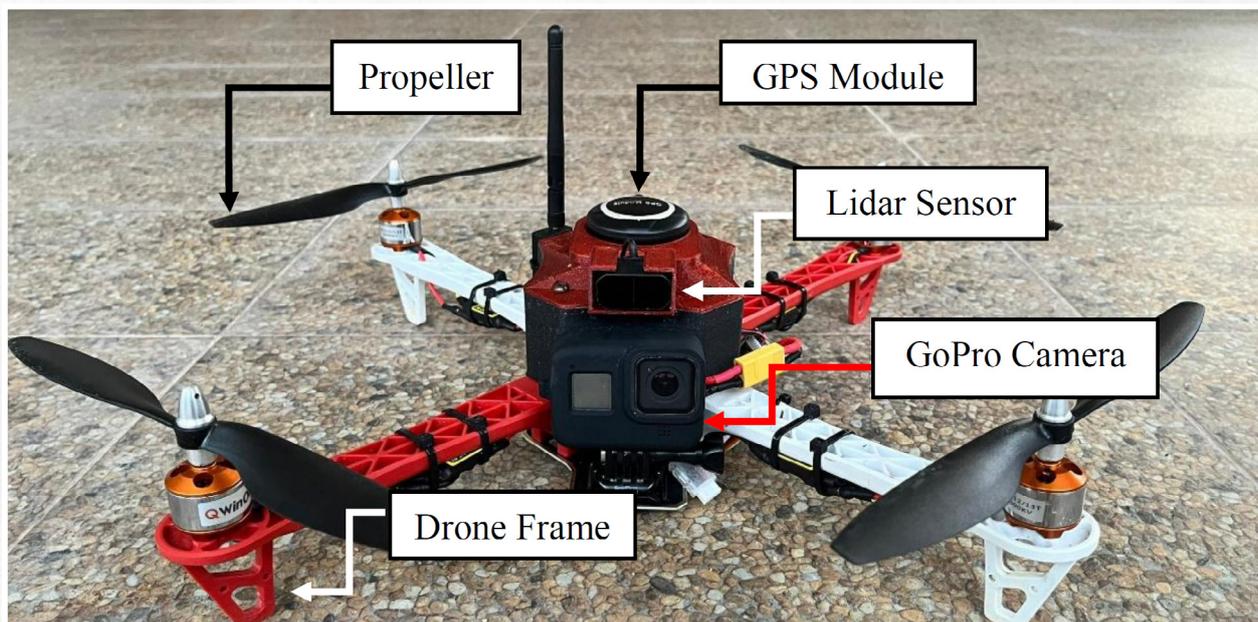


Machine Learning Algorithms for Classification

The researchers applied machine learning algorithms to plant disease detection in image processing and classification, including supervised, unsupervised, semi-supervised, and reinforcement learning.

Supervised and unsupervised learning are the most commonly used techniques, with unsupervised learning applied to image segmentation and supervised learning used for classification.

Supervised learning uses labelled data, where each image is associated with a specific disease class. The model learns to map image features to disease classes, enabling it to classify new, unseen images. Commonly used supervised learning algorithms include Support Vector Machines (SVMs), Logistic Regression, and K-Nearest Neighbors (KNN).



Unsupervised learning deals with unlabeled data, where the model identifies patterns and structures in the data without prior knowledge of disease classes. Unsupervised learning is often used for image segmentation and clustering. K-means clustering is a popular unsupervised learning algorithm used to group similar images together.

Semi-supervised learning combines labelled and unlabeled data to train the model. It can be particularly useful when labelled data is scarce or expensive to obtain.

Reinforcement learning involves an agent that learns to interact with an environment and receives rewards for correct actions. While less common in plant disease classification, reinforcement learning has shown potential in applications such as robotic harvesting and automated irrigation.

The study also used SVM and Convolutional Neural Networks (CNNs). SVM is one of the supervised learning models that supports binary classification.

It is used to analyse classification and regression data using a linear hyperplane to separate input data into two classes based on binary classification.

Deep learning, a subset of machine learning, employs neural networks with three or more layers, including CNNs, which are widely used for image classification in plant leaf disease recognition. CNN models consist of several layers, including convolution, pooling, activation, fully connected, and output layers, and require a high-performance GPU for efficient training and testing.

Accuracy can be affected by the size and type of the image dataset and the architecture used. Different CNN architectures have been developed to improve performance, including AlexNet, GoogleNet, and ResNet.

As a result, CNN is the most common and precise technique. The principles of the most widely used CNN architectures are explained in detail, along with accuracy ratios obtained by researchers.



From RM500 to Millionaire

In one's early 20s, many might be content with finding a job after graduation.

However, for Amirudin Abdullah, a 2005 graduate of Air Conditioning from UniKL Malaysia France Institute (UniKL MFI), life took a different turn.

Instead of seeking employment, he embarked on an audacious entrepreneurial journey with just RM500 in capital and an initial income of RM140.

Back in 2005, fresh out of industrial training, Amirudin could never have imagined that, 21 years later, he would be at the helm

of a multimillion-ringgit enterprise specialising in Heating, Ventilation, and Air Conditioning (HVAC) services.

Today, his company, Docto Aircond Sdn. Bhd., boasts a team of over 288 dedicated staff members across Malaysia.

The spark for this journey was ignited by the encouragement and exposure from his former lecturer at UniKL MFI, who took students on house-to-house air conditioning service calls.

This early exposure helped shape Amirudin's vision and fueled his determination.

"To take a bold step in starting up a business required immense courage. I had the drive, but initially lacked both money and contacts," Amirudin reflected.

He firmly believes that the cornerstone of a successful business comprises three critical elements: Drive, Capital, and Contact. With these in mind, he launched Docto Aircond.

"It is an ordinary business with extraordinary people behind it," Amirudin said, explaining that this dynamic has propelled his company to achieve around RM100,000 in sales every month.

In the nascent years of his business, Amirudin worked tirelessly from a modest 600-square-foot office. By 2006, his perseverance paid off as he secured a significant contract with the Malaysian Agricultural Research and Development Institute (MARDI).

"I owe much of our success to my friends from UniKL MFI, who supported me in building this business empire," he said.

Today, Docto Aircond proudly manages 68 ongoing contracts, many with government agencies.

In the face of the global upheaval caused by COVID-19, the company not only survived but soared, clinching a groundbreaking contract with the Ministry of Health to develop a cutting-edge Hybrid ICU.

This project shattered expectations, earning a

place in the Malaysian Book of Records for the fastest construction of FHyICU Buildings during the pandemic—an achievement that defied the odds and set a new standard in crisis response.

"We completed the building for 10 patients in just 25 days. This achievement stands unique, as it was accomplished amidst the COVID-19 crisis," Amirudin reminisced



دوكتور ايركوند
DOCTO AIR COND
AIR CONDITIONING MAINTENANCE INSTALL REPAIR





Another significant accolade was the Anugerah Vendor Subsidiari Terbaik Majlis Amanah Rakyat (MARA), where Docto Aircond emerged victorious out of over 14,000 competitors.

Looking ahead, Amirudin has ambitious plans for the next year. He aims to launch an Initial Public Offering (IPO), targeting a valuation of RM300 million.

“With the right path and strategy, we are confident we can achieve this goal,” he concluded.

The pinnacle of Amirudin’s achievements was recently celebrated at the “Malam Apresiasi Alumni Universiti Kuala Lumpur 2024,” held on 25th August. This momentous evening marked the announcement of UniKL’s

inaugural list of the Top 120 alumni, selected from 85,687 graduates since its establishment in 2002.

Amirudin was honoured as the recipient of the 2024 Alumni of the Year Award, recognising his entrepreneurial excellence and contributions to society. His achievements include being named in the Top 100 Young Entrepreneurs (100 MIYE) for two consecutive years and earning a Malaysia Book of Records recognition for the Fastest Construction of FHyICU Buildings during the COVID-19 pandemic.

Adding to the evening’s significance, UniKL declared the 20th of August as Hari Alumni, forever marking the university’s founding day as a celebration of its alumni’s accomplishments and impact.

**“With
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Amirudin Abdullah

Did You Know? Malaysia's Diverse Celebrations



Awal Muharram

Did you know? Muharram marks the migration of Prophet Muhammad from Mecca to Medina in 622AD to escape an assassination plot. The town of Yathrib, now Medina, became his new home. The Islamic calendar was introduced in 638AD by Umar ibn Al-Khattab, marking Awal Muharram as the start of the Muslim New Year.

National Day

Did you know? Malaysia was once known by a different name. The Malayan Declaration of Independence, signed in 1957, recorded the country as Persekutuan Tanah Melayu or the Federation of Malaya. During British rule, it was also referred to as Malaya and the Malayan Union.



Labour Day

Did you know? Malaysia's Labour Day celebration began on 1 May 1972, when Tun Dr. Ismail Abdul Rahman declared it a public holiday. This decision affirmed Malaysia's recognition of workers' contributions and aligned with the International Labour Organisation (ILO) Convention.

Malaysia Day

Did you know? Malaysia Day was initially set for August 31, 1963, but was postponed to September 16 to allow the UN to assess the preferences of North Borneo and Sarawak.





Maulidur Rasul

Did you know? Mawlid al-Nabi is celebrated in various ways worldwide, from private gatherings to mosque decorations and festive events. Traditions include sharing food, attending lectures, Salawat prayers, marches, and reciting the Qur'an and devotional poetry.

Diwali

Did you know? Contrary to popular belief, Diwali is a multi-faith festival. Despite varying beliefs, it shares a common theme of welcoming prosperity, marking a new beginning, and cherishing the bond of family and friends.



Christmas Eve

Did you know? Although mostly forgotten now, not too long ago, it was once a cherished tradition for families and friends to gather on Christmas Eve to share frightening ghost stories.

New Year's Eve

Did you know? The Danes have a unique tradition of throwing plates at the front doors of family and friends on New Year's Eve as a symbolic gesture to bring good luck and prosperity for the coming year.





UBIS, 4 lecturers win top 2024 MARA Awards

Universiti Kuala Lumpur Business School (UBIS) has been awarded the title of Best Majlis Amanah Rakyat (MARA) Institute of Education (IPMa) or Anugerah IPMa Terbaik for 2024.

This recognition highlights the institute's outstanding academic performance and adherence to the criteria set by the main committee of the Hari Anugerah Pendidik MARA 2024.

Prof. Dr. Naziruddin Abdullah, Dean of UBIS, received the award on behalf of the institute from YAB Dato' Seri Dr. Ahmad Zahid Hamidi, the Deputy Prime Minister and Minister of Rural and Regional Development (KKDW).

"I would like to thank all the teams of the Business School for their hard work over the past year. This award serves as an inspiration for us to strive even harder in the future.

"Next year, we aim to expand further with the introduction of three new programmes: a Diploma

in Business Administration, a programme in FinTech, and we will launch our Graduate School of Business in 2025 with the support of our President and the Chairman of MARA," stated Prof. Dr. Naziruddin Abdullah after receiving the award.

In addition to this prestigious accolade, four teaching staff from UniKL were honoured with the Anugerah Pendidik Cemerlang MARA. The recipients include Siti Rohana Ahmad and Assoc. Prof. Ts. Dr. Muhamad Husaini Abu Bakar from UniKL Malaysian Spanish Institute (UniKL MSI), Assoc. Prof. Dr. Zulhilmy Sahwee from UniKL Malaysian Institute of Aviation Technology (UniKL MIAT), and Dr. Siti Nurul Atikah Abd Halim from UniKL Malaysian Institute of Chemical and Bioengineering Technology (UniKL MICET).

This award recognises MARA educators who meet stringent criteria, including performance evaluation, disciplinary record, personal appearance, involvement in extracurricular activities, and more.

For winning the Best IPMA Institute award, UBIS received RM5,000. Each recipient of the Anugerah Pendidik Cemerlang MARA was awarded RM500, a trophy, and a certificate of appreciation.

Meanwhile, YAB Dato' Seri Dr. Ahmad Zahid, in his inauguration speech, announced the 'Skim Latihan Pemeraksanaan Pendidik MARA', a training scheme aimed at enhancing pedagogical skills, teaching content mastery, and instructional leadership.

"Potential educators will undergo focused training either domestically or internationally. For courses abroad, MARA will select leading global institutions renowned for their educational expertise to ensure our teaching staff are future-ready," he stated.

Also present at the event were the newly minted Secretary General of KKDW, YBhg. Datuk Muhd Khair Razman Mohamed Annuar; Chairman of MARA, YBhg. Datuk Wira Dr. Asyraf Wajdi Dato' Dusuki; the Director General of MARA, YBhg. Dato' Sri Azhar Abdul Manaf and the President/Chief Executive Officer of UniKL, Prof. Dr. Azman Senin.





USSC 2024: UniKL MSI scores a hat trick victory

Universiti Kuala Lumpur Malaysian Spanish Institute (UniKL MSI) has once again clinched the overall championship at the UniKL Students Sports Carnival (USSC) 2024, marking their third consecutive victory.

The jubilant celebration unfolded during the closing ceremony of the 18th edition of the sports carnival on July 25th.

UniKL MSI not only won the prestigious title but also secured a substantial RM50,000 prize to further enhance its campus sports programmes.

Known as MSI El Matador, UniKL MSI dominated the competition, winning 11 medals: seven golds, two silvers, and two bronzes

Their path to glory included victories in Table Tennis Male and Female Singles, Bowling Female Single, Tennis Male Doubles, Football, Volleyball Female, and Petanque Male Single.

However, the competition was fierce. UniKL Malaysian Institute of Information Technology (UniKL MIIT) put up a stellar performance, finishing a close second with a total of 14 medals, including five golds.

The MIIT Phantom also shone in the silver category with five medals, adding four bronzes to their tally.

In third place, UniKL British Malaysian Institute (UniKL BMI) made a strong showing with 11 medals.

As the host, UniKL MIMET finished fifth with six medals: three golds, one silver, and two bronzes.

The excitement is already building for next year's event, with UniKL Malaysian Institute of Industrial Technology (UniKL MITEC), known as MITEC Southern Hunter, set to host the USSC 2025.



UniKL honours **Top 120** alumni in landmark celebration

Universiti Kuala Lumpur (UniKL) has proudly unveiled its inaugural list of the Top 120 alumni, a distinguished group selected from a remarkable 85,687 graduates since its establishment in 2002.

This momentous occasion was celebrated during the “Malam Apresiasi Alumni Universiti Kuala Lumpur 2024,” held on 25th August, a night filled with pride, recognition, and a renewed sense of community.

Adding to the evening’s significance, UniKL announced the 20th of August as Hari Alumni, forever marking the day of the university’s founding as a time to celebrate the achievements and contributions of its alumni.

In a gesture of giving back, the event saw a generous RM50,000 sponsorship from prominent

alumni, with RM40,000 in cash and RM10,000 in service contributions.

The night also featured the introduction of three prestigious awards: the Outstanding Alumni Award in both Leadership and Community Service categories, and the 2024 Alumni of the Year Award.

Mohd Izwan Mazlan, a 2008 graduate of UniKL Malaysia France Institute (UniKL MFI), received the Outstanding Alumni Award in Leadership.

As the Chief Executive Officer of Perniagaan Mazlan & Hashimah (K) Sdn. Bhd, Mohd Izwan has received numerous accolades, including the Anugerah Usahawan Automotif PUNB 2022, Anugerah Usahawan Berjaya PUNB 2019 (Automotif), and the Ikon TVET MARA 2021.



- Anugerah Usahawan Berjaya (Automotif) 2019
- Ikon TVET MARA 2021
- Penarafan Daya Saing PKS untuk Peningkatan (Perdagangan Runcit)





The Outstanding Alumni Award in Community Service was bestowed upon Associate Professor Dr. Mohd Syafwan Adnan, a 2008 alumnus of UniKL Royal College of Medicine Perak (UniKL RCMP).

Dr. Syafwan is a trailblazer in his field. He served as the first Head of the Department for Emergency and Trauma Medicine at International Islamic University Malaysia (IIUM) and founded the Emergency Disaster and Crisis Center at SASMEC @ IIUM.

His work has earned him the title of the first Malaysian Fellow in Disaster Medicine at Harvard Medical School.

The pinnacle of the evening was the presentation of the 2024 Alumni of the Year Award to Amirudin

Abdullah, a 2005 graduate of UniKL MFI and the visionary founder of Docto Aircond.

The event also saw the launch of the UniKL Prominent Alumni e-Book and the Tabung Kebajikan Alumni (TKA) UniKL, further solidifying the university's commitment to fostering a strong alumni network.

The evening was graced by the Chairman of UniKL, Dato' Sri Sh Mohamed Puzi Sh Ali, alongside esteemed guests, including the Interim Chief Executive Officer of MARA Corporation Sdn Bhd, Dato' Amir Azhar Ibrahim; a member of the UniKL Board of Directors, Emeritus Prof Dr. Kamaruddin Mohd Said; and the President/Chief Executive Officer of UniKL, Prof. Ir. Dr. Azman Senin.



KM GAGAH offers hands-on experience to 117 UniKL MIMET students

A total of 117 students from Universiti Kuala Lumpur Malaysian Institute of Marine Engineering Technology (UniKL MIMET) gained invaluable hands-on experience in the operation and maintenance of Kapal Maritim (KM) GAGAH, a vessel owned by the Malaysian Maritime Enforcement Agency (APMM).

This opportunity was made possible through UniKL's innovation and business arm, UniKL Resources Sdn. Bhd. (URSB), which secured the maintenance contract for KM GAGAH.

Nur Atiqah Aishah Ahmad, one of the students involved in the KM GAGAH teaching factory, expressed how the experience deepened her understanding of ship operations, complementing the theory she learned in the classroom

"This is a rare and invaluable opportunity, and it has better prepared me for future industry exposure," she said after receiving the participation certificate on behalf of the 117 students.

KM GAGAH underwent a comprehensive 20-month main engine repowering and refit, carried out by UniKL MIMET in collaboration with Glide Marine Sdn. Bhd.

Throughout this process, students were exposed to the cutting-edge technology and methods used in ship maintenance.

In addition to the students, nine alumni of UniKL MIMET were also hired by URSB as part of the KM GAGAH maintenance team, further showcasing the university's commitment to nurturing skilled professionals in the maritime industry.





The maintenance project, overseen by Ships Classification Malaysia (SCM) to ensure compliance with international standards, involved UniKL MIMET experts and skilled local workers from the industry.

With KM GAGAH fully operational, it will bolster APMM's capability to secure the Malaysian Maritime Zone (MMZ), especially in the waters surrounding Perak.

The vessel was officially handed over on September 11, 2024, at UniKL MIMET's shipyard.

The event was attended by key figures, including APMM's Senior Assistant Director of the Engineering Division, Maritime Captain Mohd Rizal Hishamuddin, MARA Perak State Office Director, Encik Rizal Effendi Razali, UniKL Deputy

President (International, Industrial & Institutional Partnership), Prof. Ir. Dr. Azmi Hassan, and URSB General Manager, Encik Anuar Berahim.

KM GAGAH completed its repairs at the UniKL MIMET shipyard on September 10, 2024, and successfully passed both its Harbour Acceptance Trial (HAT) on August 23, 2024, and its Sea Acceptance Trial (SAT) on August 28, 2024, in the Straits of Malacca.

With a length of 39.5 meters, a width of 7 meters, and a displacement of 221 tons, KM GAGAH is capable of conducting deep-sea operations for up to seven days without resupply. The vessel can reach up to 21.7 knots and is equipped with a Rigid Hull Inflatable Boat (RHIB) and an i-band radar, enhancing its ability to monitor Malaysia's waters effectively.





UniKL seals six Lols at Selangor Aviation Show 2024

Universiti Kuala Lumpur (UniKL), through its Malaysian Institute of Aviation Technology (UniKL MIAT), secured six Letters of Intent (Lols) during the Selangor Aviation Show (SAS) 2024.

These agreements span various areas, including sustainability, research, and talent development, reinforcing UniKL MIAT's role in the aviation and aerospace sectors.

The first Lol was exchanged during the opening ceremony on the first day of SAS 2024 between

UniKL, the National Aerospace Industry Corporation Malaysia (NAICO Malaysia), and Volar Air Mobility.

The signing took place in the presence of the Raja Muda of Selangor, Tengku Amir Shah Ibni Sultan Sharafuddin Idris Shah Alhaj, Selangor Menteri Besar, Dato' Seri Amirudin Shari, and the Chairman of the Selangor State's Investment, Trade, and Mobility Committee, YB Tuan Ng Sze Han.



On the following day, a second Lol with NAICO was sealed, focusing on joint research, technical consultancy, and aerospace projects.

The collaborations aim to organise symposia, publish joint research, and engage students in cutting-edge aerospace research, with a particular emphasis on creating a green aviation ecosystem in Malaysia through sustainable technologies and innovations.

Meanwhile, four additional Lols were formalised with Base Maintenance Malaysia Sdn. Bhd. (BMM), the Malaysian Sports Aviation Federation (MSAF), Maz Gerbang Sdn Bhd (MAZG), and CTRM Testing Laboratory Sdn. Bhd.



Maiden ARIEN 2024 honours UniKL researchers

Universiti Kuala Lumpur (UniKL) launched its inaugural award appreciation night, designed to recognise and celebrate the exceptional achievements of its academic community.

The Academic, Research, and Innovation Excellence Night (ARIEN) 2024 showcased the outstanding contributions of individuals who may represent the university in prestigious local and international academic competitions.

A total of eight awards were presented, highlighting the best among UniKL's researchers. The award categories included Highly Cited Paper, Top Research Publication, High Impact Publication, Rising Researcher, Best Product Innovation & Commercialization, Best Selling Book, Best Postgraduate Research Supervision, and Top 2% Scientist in the World 2023.

In his opening speech, Prof. Ir. Dr. Azman Senin, President/Chief Executive Officer of UniKL, announced an increase in publication rewards, offering up to RM2,500.00 for articles published in SCOPUS Q1 journals to encourage submissions to top-tier publications.



“We will continue to reward our top-performing researchers and external grant holders through events like ARIEN, where we celebrate their achievements. We will be introducing cash incentives and offering travel grants to help them undertake short-term research visits at foreign universities, expanding their global reach,” he said.

To further assist researchers in recruiting Graduate Research Assistants for their projects, UniKL is developing attractive scholarship packages aimed at drawing more local and international students to its postgraduate programs.

Additionally, the university’s Intellectual Property (IP) policy, pending Senate approval, will enable researchers to establish startup companies.

“We are prepared to offer a compelling profit-sharing scheme to assist researchers in commercialising their innovations. I strongly encourage our researchers to collaborate with CoRI on commercialization plans,” he added.

The Centre for Research and Innovation (CoRI) organised the event, which was supported by the Institute for Postgraduate Studies (IPS) and the Tengku Azizah Knowledge Centre (TAKC).

In recognition of external grants awarded, notable recipients included Assoc. Prof. Ts. Dr. Sairul Izwan Safie, Prof. Dr. Megat Farez Azril Zuhairi, Ts. Dr. Muhamad Yusuf Hasan, and Dr. Raja Fazliza Raja Suleiman, among others.



Among the awardees, Assoc. Prof. ChM. Ts. Dr. Norzahir Sapawe from UniKL Institute of Chemical & Bioengineering Technology (UniKL MICET) received the Highly Cited Paper Award for his research paper, “A Review on the Water Problem Associated with Organic Pollutants Derived from Phenol, Methyl Orange, and Remazol Brilliant Blue Dyes,” which garnered 81 citations in 2023.

The Top Research Publication Award went to Assoc. Prof. Dr. Nor Aida Abdul Rahman from UniKL Malaysian Institute of Aviation Technology (UniKL MIAT), achieved an impressive 26 SCOPUS publications in 2023—the highest among UniKL researchers.

The High Impact Publication Award was awarded to Assoc. Prof. Dr. Tong Woei Yenn from UniKL Institute of Medical Science Technology (UniKL MESTECH) for publishing six research articles in Q1 SCOPUS indexed journals in 2023.

Dr. Charles Gnanaraj A/L John Sandanaraj from UniKL Royal College of Medicine Perak (UniKL RCMP) received the Rising Researcher Award for achieving a SCOPUS H-index of 13 with 573 citations.

Assoc. Prof. Ts. Dr. Muhammad Husaini Abu Bakar from UniKL Malaysian Spanish Institute (UniKL MSI) was honoured with the Best Product Innovation and Commercialization Award for developing the Energy Monitoring System, which generated RM2.1 million in revenue in 2023.

The Best Selling Book Award was presented to Assoc. Prof. Ts. Dr. Munaisyah Abdullah, Dr. Jawahir Che Mustapha@Yusuf, and Dr. Suriana Ismail from UniKL Malaysian Institute of Information Technology (UniKL MIIT) for their book, “Object-oriented Programming Using JAVA Cappa Java Module,” published by UniKL Press.

The Best Postgraduate Research Supervision Award went to Assoc. Prof. Dr. Mohd Farid Shamsudin from UniKL Business School, successfully supervised three PhD students to graduate on time in 2023.

Additionally, two UniKL researchers were recognised in Stanford's Top 2% Scientists in the World 2023 ranking: Assoc. Prof. ChM. Ts. Dr. Norzahir Sapawe from UniKL MICET and Assoc. Prof. Dr. Lee Wing Hin from UniKL RCMP.





UniKL MIIT sets Malaysian record with fastest AR mural completion

Universiti Kuala Lumpur Institute of Information Technology (UniKL MIIT) made history by earning recognition from the Malaysian Book of Records (MBOR) for completing the fastest Augmented Reality (AR) Fun Mural.

The AR-themed project saw over 100 participants, including UniKL MIIT students and lecturers, as well as students and teachers from Sekolah Kebangsaan (SK) Jalan Gurney 2, contributing to the remarkable feat.

Held from 17 to 19 August, the mural was completed in just 19 hours and 54 minutes—far below the 48-hour benchmark set by MBOR.

UniKL Chairman, Dato' Sri Sh. Mohmed Puzi Sh. Ali, highlighted the

significance of the project, stating that it aligns with the institution's goal of nurturing highly capable students who will positively impact the nation.

"This initiative not only showcased our ability to complete the project in record time but also reflected the strong mental and physical resilience developed by the participants. I congratulate everyone involved.

"For the first time, we've created not just a mural but one that incorporates cutting-edge AR technology, symbolising the merging of art and digital advancement. It's a national milestone that positions UniKL at the forefront of innovation," he said during the closing ceremony of the

project at SK Jalan Gurney 2 in Kuala Lumpur, on October 12.

The event also saw the attendance of UniKL Deputy President (Student Development and Campus Lifestyle), Prof. Dr. Zalizah Awang Long; Majlis Amanah Rakyat (MARA) Wilayah Persekutuan Deputy Director (Development), Mohamad Saiffatullah Ahmad; and MBOR Head of Record Research and Analyst, Siti Nurhanim Mohd Noh.

Other notable guests included Malaysia Digital Economy Corporation (MDEC) Head of Tertiary Digital Talent and Entrepreneurship, Nik Hishamuddin Nik Mohd Yusoff, and SK Jalan Gurney 2 Principal, Jamilah Ariffin.



UniKL 21st convocation: 6,602 graduates honoured



Universiti Kuala Lumpur (UniKL) proudly celebrates 6,602 students at its 21st Convocation Ceremony, held at the World Trade Centre (WTC) Kuala Lumpur. The event spans four days, from November 16 to 19, across eight sessions.

The ceremony commenced with a special conferment by the Deputy Minister of Rural and Regional Development, YB Datuk Hajah Rubiah Haji Wang, recognising 652 graduates, including postgraduates and undergraduates.

A total of 27 outstanding students were celebrated during the first session, while 147 international students from 36 countries, including Pakistan, Mauritius, Indonesia, India, the Maldives, Bangladesh, Syria, and Yemen, are set to graduate during the four-day convocation.

“Currently, UniKL has 660 international graduates from 65 countries, demonstrating that the institution has earned the global community’s trust in pursuing education and is expected to attract more international students in the future.

“This is further evidenced by UniKL’s success in producing the highest number of graduates from its Doctor of Philosophy and Master’s programmes in the history of this convocation ceremony,” said YB Datuk Hajah Rubiah during the opening session.

UniKL’s reputation as a leading institution for postgraduate studies is further reinforced as prominent figures, YB Senator Datuk Seri Dr. Hajah Zurainah Musa, Member of the Dewan Negara, and YBhg. Ir. Dr. Mahzan Bin Teh, Deputy Director General (Education) of Majlis Amanah Rakyat (MARA), embarked on their PhD journey at the university.

The first session also marked a significant milestone as Mohamad Solehin Zulkarnain, the first graduate from UniKL Institute of Medical Science Technology (UniKL MESTECH), was conferred the prestigious Chancellor’s Award for outstanding achievements.

Additionally, the Ulul Albab Special Award was presented to Muaz Md Akhir Al Hafiz, a Bachelor of Marine Engineering Technology graduate with Honours from UniKL Malaysian Institute of Marine Engineering Technology (UniKL MIMET).



UniKL secures five medals at WSMUC 2024

Universiti Kuala Lumpur (UniKL) showcased an outstanding performance at the WorldSkills Malaysia University Challenge (WSMUC) 2024, clinching five medals across various categories.

Held in September, the competition saw participation from 94 competitors across nine skill areas, emphasising the growing importance of technical expertise and innovation.

Leading the achievements, Nur Iffah Alia Mohd Nazri from UniKL Royal College of Medicine Perak (UniKL RCMP) won the gold medal in the Health and Social Care category, earning RM1,000 and a certificate of excellence.

Silver medals were awarded to three UniKL teams: Muhammad Na'im Md Affindi from UniKL Malaysian Institute of Information Technology (UniKL MIIT) in the Mobile Applications Design Challenge, Wan Muhammad Aqil Wan Nasrudin from UniKL Malaysian Institute of Aviation Technology (UniKL MIAT) in Aircraft Maintenance Technology, and Adam Ahmad Faisal with Amir Hakim Ahmad from UniKL Malaysia Italy Design Institute (UniKL MIDI) in Rail Vehicle Technology.

Each silver medalist was awarded RM700 along with a certificate.

Meanwhile, the bronze medal in the Rail Vehicle Technology category went to Muhammad Nazif Za'im and Izzah Maisarah Nor Azhari, who received RM500 and certificates in recognition of their efforts.

The medals were presented during the Majlis Anugerah Tangan Emas Perdana Menteri (ATEPM) & Anugerah Tokoh Mahir (ATM) 2024. The awards were conferred by YAB Dato' Sri Haji Fadillah Haji Yusof, Deputy Prime Minister and Minister of Energy Transition and Water Transformation.

WSMUC 2024 marked its third edition, with UniKL Malaysia France Institute (UniKL MFI) serving as the event's organiser in collaboration with the Department of Skills Development under the Ministry of Human Resources.

This year's competition featured nine skill categories: Computer Aided Design, Mobile Software Development, Aircraft Maintenance, Health and Social Care, Logistics and Freight Forwarding, Chemical Laboratory Technology, Cyber Security, Industrial Design Technology, and Rail Vehicle Technology.

Looking ahead, WSMUC plans to expand its scope in the 2025-2026 editions by introducing four additional skill categories, further enhancing its mission to nurture and develop a diverse range of technical talents in Malaysia.



UniKL remains a top employer of choice for fresh graduates – Talentbank



Universiti Kuala Lumpur (UniKL) continues to establish itself as a beacon of opportunity for fresh graduates and university students, securing its position among the Top 10 most desirable Private Higher Education Institutions to work with, as recognised by Talentbank.

The prestigious accolade, the Graduate's Choice of Employer Award, was conferred upon UniKL during Talentbank's Gala Night on November 27th.

Representing the university was its President/Chief Executive Officer, Prof. Ir. Dr. Azman Senin, accompanied by members of UniKL's top management—a testament to the institution's steadfast commitment to empowering graduates.

This marks UniKL's second consecutive appearance on the list, reinforcing its growing reputation as a preferred employer.

Earlier this year, UniKL was also honoured with the Employer's Choice of University Award, solidifying its place alongside renowned institutions such as Management & Science University (MSU), Multimedia University (MMU), Universiti Tunku Abdul Rahman (UTAR), Sunway University, Universiti Malaya (UM), Universiti Kebangsaan Malaysia (UKM), and Universiti Teknologi Malaysia (UTM).

The Graduates' Choice Award (GCA), hailed as the most influential graduate employer branding accolade in the Asia-Pacific region, unveiled its much-anticipated 2025 Most Preferred Graduate Employers list.

This prestigious recognition celebrates organisations that have demonstrated unwavering excellence, innovation, and leadership in cultivating graduate talent from Malaysia's premier universities.



1 **uniklpage** Muhammad Nabil Fikri, son of 90s singer Aris Ariwatan, graduated with a Bachelor's in Aircraft Engineering Technology from UniKL.
Despite challenges, his dedication and UniKL MIAT's support led him to success.



2 **University of Kuala Lumpur - Unikl** located at Sunway Resort Hotel .
28 November 2024 · Petaling Jaya · 🌐
Graduates' Choice Award 🏆
Photos during Graduates' Choice Award 2024 at Grand Lagoon Ballroom, Sunway Resort Hotel.
📅 27/11/2024 | Wednesday
Congratulations to UniKL & all winners 🏆



3 **uniklofficialpage**
Universiti Kuala Lumpur · 2024-4-1
Double Trouble Serang Bazaar 🤔 Double Trouble Serang Bazaar Episode 2!! Pada Episode yang kedua bagi... more
🎵 original sound - Universiti Kuala Lumpur



4 **University of Kuala Lumpur - Unikl** is at the University of Kuala Lumpur - Unikl
11 November 2024 · Kuala Lumpur 🌐
Unikl Voice 🎤
Day 1 - Studio Session UniKL Voice for UniKL 21st Convocation Ceremony with Chaan & The Laman Band @ Studio Level 4, Audio Studio UniKL MIIT City Campus 🎧🎧🎧
See you at WTCKL 🙌🙌
Congratulations once again 🎉

5 Karang Melalui **tonton**

WHI

Wanita Hari Ini

Slot: Sinar Bahagia

Jumaat, 6 Disember 2024

uniklmestechofficial Jom tonton siaran Wanita Hari Ini (WHI) di TV3 pada tayangan esok, Jumaat bersamaan 6 Disember 2024 pada jam 12:00 tengahari.

Alumni UniKL MESTECH, saudara Mohamad Solehin Zulkarnain akan muncul sebagai tetamu jemputan dalam slot: Sinar Bahagia.

6

uniklpage UniKL E-Games Carnival 2024 🎮
Day-1 | Friday 6/12/2024
MOBILE LEGEND BANG BANG 🎮

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