

January - June 2024



UniKL
UNIVERSITI
KUALA LUMPUR

A STORY OF

Ruveshwaran
Balachandran

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**BEST FRIEND,
BEST NURSES**

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GOLD AGAIN
at Putra Brand Award

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Universiti Kuala Lumpur
XGRESS
**BEYOND
REVOLUTION**

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You must be the change you wish to see in the world

Mahatma Gandhi

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BEYOND REVOLUTION

Unveiling the Visionary Leadership of UniKL's New CEO & President

Revolution and innovation are not just buzzwords but are ingrained in Universiti Kuala Lumpur's (UniKL) DNA. Since its inception in 2002, UniKL has been a driving force in Technical and Vocational Education and Training (TVET) in Malaysia, consistently upholding its mandate.

The advent of the Fourth Industrial Revolution and the transition to green and digital economies have created significant urgency for countries, including Malaysia, to build productive and cohesive communities.

UniKL plays a critical role in this transition, especially given that Malaysia's TVET index score of 51.0 in the Global Knowledge Index 2023, putting Malaysia at 70 out of 133 countries.



PROF. IR. DR. AZMAN BIN SENIN
President/Chief Executive Officer, Universiti Kuala Lumpur



Under the new leadership of Prof. Ir. Dr. Azman Senin, UniKL is poised to expand its influence further. Dr. Azman envisions making higher TVET (HTVET) accessible to all layers of society, particularly working adults.

“We aim to offer wider access to HTVET programmes for adult learners and working professionals. We are developing digital content on an open digital learning platform tailored to the needs of working adults, professional groups, and adult learners,” Dr. Azman explained.

“They can utilise our platform with interactive learning that suits their needs.”

The rapid evolution of professions necessitates a proactive approach to

policy adoption based on a long-term vision rather than economic fluctuations. UniKL is committed to going beyond revolution and remaining agile in adapting to the challenges of rapid change.

“We have a pilot programme where our Bachelor of Management and Entrepreneurship will be the first to incorporate these changes,” Dr. Azman stated.

“We have embedded entrepreneurship courses, such as Technopreneurship during the early semesters and provide coaching from prominent business owners, both local and international, to foster innovation and entrepreneurship among students and faculty members.”



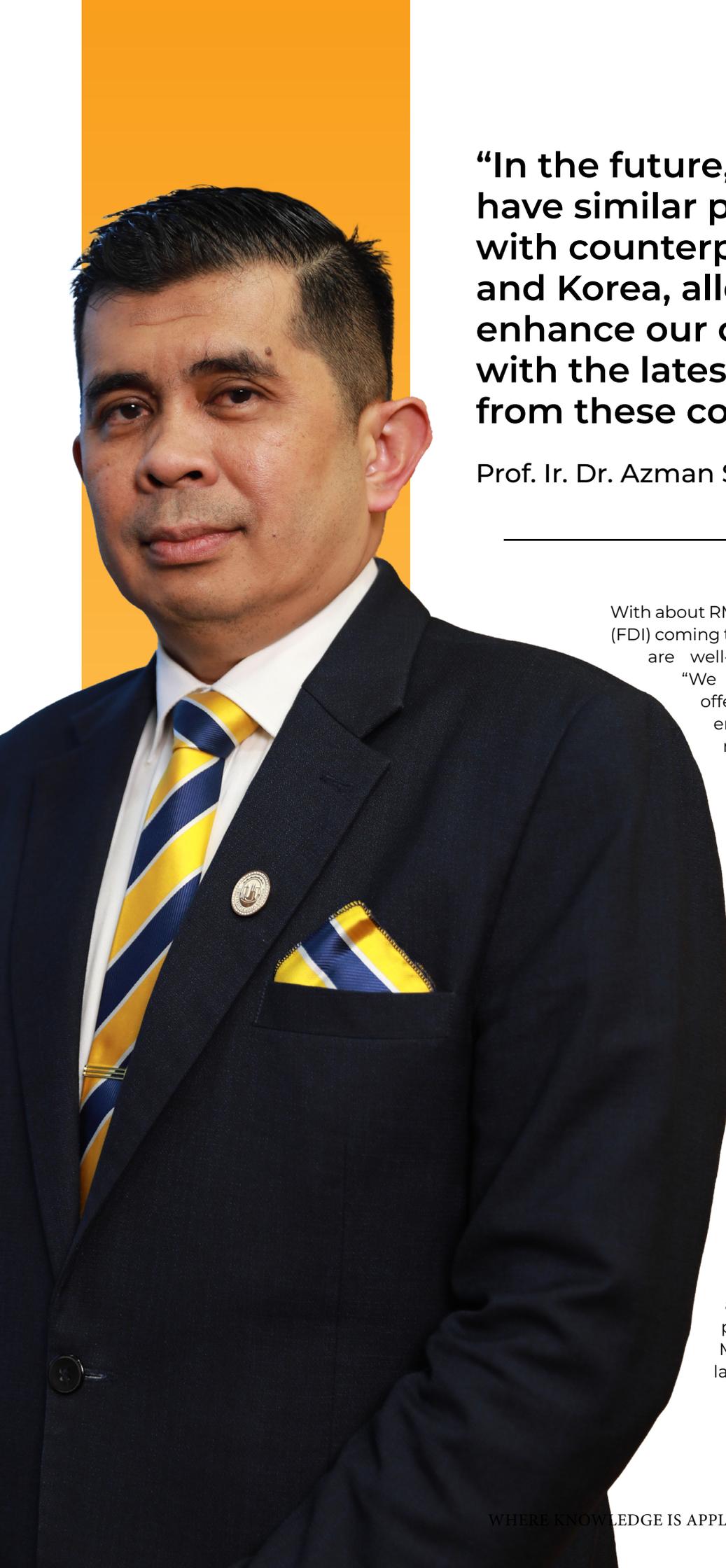
The importance of TVET to economic growth, job creation, and worker satisfaction cannot be overstated. Governments worldwide are reforming educational systems to ensure a trained and educated workforce in the emerging global economy.

UniKL is no exception. It embeds entrepreneurship training within its programmes and ensures students interact with successful business owners and alumni who have made significant impacts.

“For example, our students are required to take entrepreneurship subjects and participate in sessions with successful business owners and alumni who have their own revenue streams, some earning millions annually.”

Dr. Azman highlighted. “These interactions foster new ideas among students and alumni alike.”

To stay competitive, UniKL is diversifying its academic programmes and venturing into emerging technologies such as renewable energy, telecommunications, marine and rail industries. Deep collaborations with industry partners, such as the current 3+2 programme with Japanese universities, are pivotal.

A portrait of Prof. Ir. Dr. Azman Senin, a middle-aged man with short dark hair, wearing a dark blue suit jacket, a white shirt, and a yellow and blue striped tie. He is looking slightly to the left of the camera with a neutral expression. The background is a solid orange color.

“In the future, we plan to have similar programmes with counterparts in China and Korea, allowing us to enhance our curriculum with the latest technologies from these countries,”

Prof. Ir. Dr. Azman Senin

With about RM1 trillion in foreign direct investment (FDI) coming to Malaysia last year, UniKL graduates are well-positioned for job opportunities.

“We work closely with industries to offer industry-certified programmes, ensuring our students possess the necessary skill sets,” Dr. Azman emphasised.

“We can customise training to align with industry demands, ensuring our graduates are globally competitive.”

UniKL’s success is evident, with around 500 alumni working in top companies worldwide. Dr. Azman concluded, the real story of UniKL is its ability to train students with the right skill sets to be accepted globally. As the environment rapidly changes, UniKL must be beyond revolution, continually adapting to ensure sustainability and relevance.

Under Dr. Azman’s leadership, UniKL’s strategic focus on expanding access to HTVET, embedding entrepreneurship, and aligning with industry demands positions it as a crucial player in Malaysia’s educational and economic landscape.



Humble
Beginnings to

NATIONAL GLORY

A story of Ruveshwaran Balachandran

**“Running for UniKL,
Penang, and Malaysia has
given me confidence and
assurance during difficult
times in school,”**

Ruveshwaran Balachandran



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From the small town of Bukit Mertajam to the national stage, young athlete Ruveshwaran Balachandran’s journey in track and field is nothing short of inspiring.

The 21-year-old boy’s story marked by hard work and unyielding determination, began on his high school’s sports day when he emerged victorious in the 5000-meter race.

It was during this school event that former Olympian Thambu Krishnan recognised Ruveshwaran’s potential. Krishnan’s invitation to join his training base in 2017 marked the beginning of Ruveshwaran’s competitive journey.

With each race, he sharpened his skills and collected victories, steadily climbing the ranks.

In 2018, Ruveshwaran’s transition to the national level, under Coach Vicky’s guidance, was a significant milestone.

While Coach Thambu focused on sprinters, Coach Vicky saw Ruveshwaran’s potential in long-distance running. This led to his qualification for prestigious events like Sukan Malaysia (SUKMA) in 2019, where he competed alongside seasoned SEA Games athletes, showcasing his growing prowess.

| FACES OF UniKL

Balancing his athletic ambitions with academic commitments in Marine Engineering was no easy feat.

The rigorous demands of both worlds required strategic planning and resilience. Ruveshwaran navigated these challenges by engaging in open discussions with lecturers about extra time for assignments, ensuring his academic responsibilities did not hinder his training and competitions.

Middle of last year, despite a high fever two weeks before the the Varsity Track and Field Championship 2023 (VTF 2) organised by the Ministry of Higher Education (MoHE), Ruveshwaran pushed through. He secured gold and silver medals in the 5,000-meter and 10,000-meter events,

“The preparation was challenging, but I managed some workouts, although they weren’t enough for the main event,” he reflected. His experience as a track and field athlete has also fortified his academic career, giving him the mental toughness needed to excel in both arenas. “Running for UniKL, Penang, and Malaysia has given me confidence and assurance during difficult times in school,” he said.

Meticulous planning and effective communication were Ruveshwaran’s allies on his path to success. Negotiating extended deadlines and receiving accommodations during critical periods like final exams helped him maintain a balance between academics and sports.





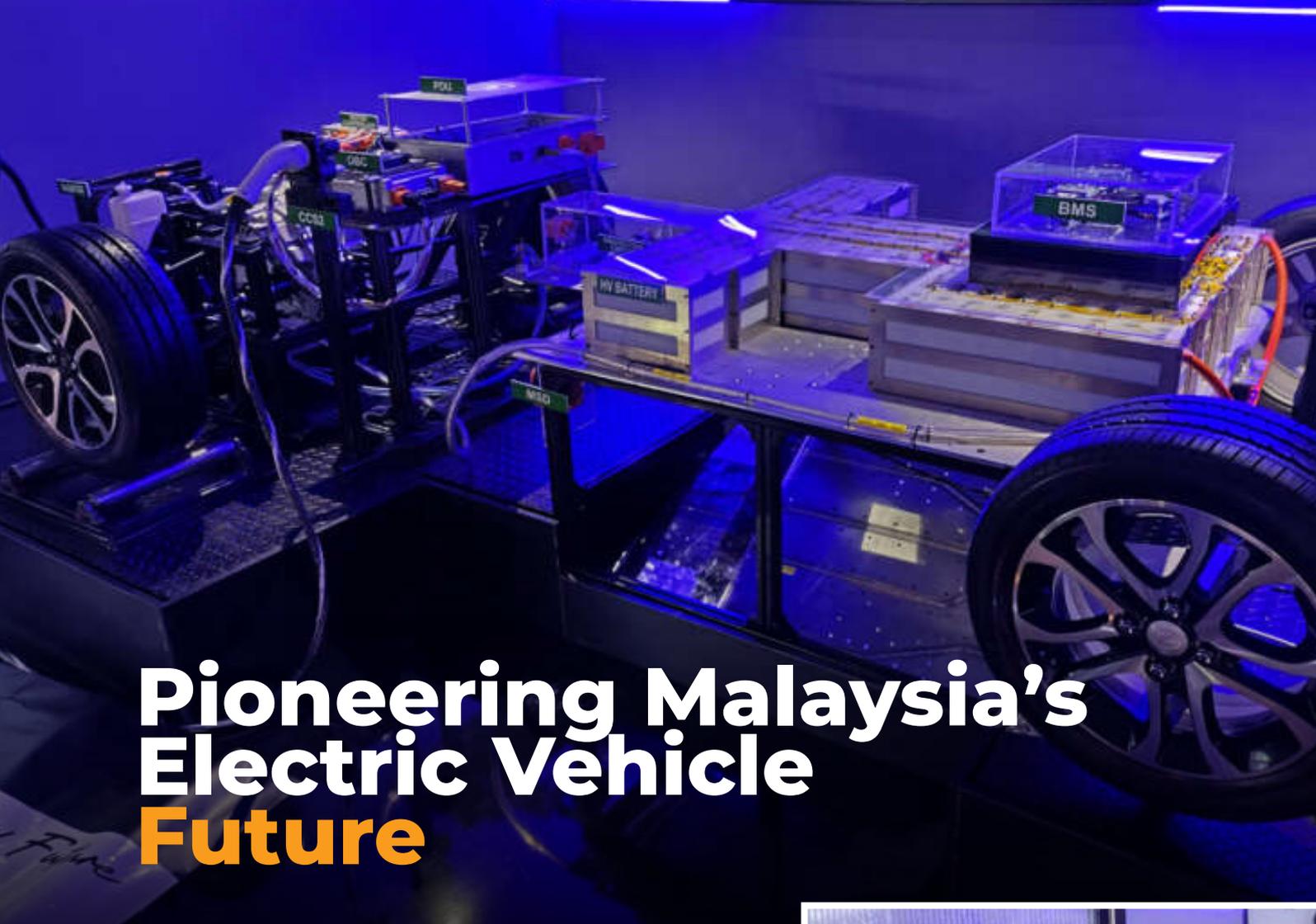
Credit : Facebook of Ruveshwaran Balachandran

His efforts culminated in a bronze medal at SUKMA 2022 in Bukit Jalil. Another highlight was the Varsity Track and Field (VTF) Grand Final, where he claimed two gold medals for UniKL, marking a peak in his collegiate career.

Ruveshwaran will proudly represent Penang in the upcoming SUKMA 2024 in Sarawak. He is set to compete in both the 5,000-meter and 10,000-meter events, and has been

training rigorously to prepare for the competition.

The support of a dedicated coach played a crucial role in Ruveshwaran's journey. Coach Vicky's guidance and the inspiration drawn from icons like Cristiano Ronaldo and Mo Farah fueled his relentless pursuit of excellence. Ruveshwaran's story is a powerful testament to passion, resilience, and the pursuit of dreams against all odds.



Pioneering Malaysia's Electric Vehicle Future

The Collaborative Effort of Perodua and Leading Universities

In a groundbreaking endeavour, Perodua, Malaysia's leading automobile manufacturer, has embarked on a journey to develop its first electric vehicle (EV), with the collaboration of three prestigious institutions.

Universiti Kuala Lumpur (UniKL), alongside Universiti Putra Malaysia (UPM), and Universiti Tenaga Nasional (UNITEN) played a crucial part in this innovative project, which culminated in the creation of Emo-1, a prototype EV based on the popular Myvi model.

Perodua's quest for academic partners began with a meticulous screening process. After a thorough evaluation, UniKL, UPM, and UNITEN emerged as the chosen institutions, each bringing unique strengths to the table.

The aim was clear from the onset: to utilise the Myvi conversion pattern as a foundation for this pioneering EV project, providing the Perodua's young engineers with invaluable hands-on experience and equipping them with the skills needed for the rapidly evolving automotive landscape.

UniKL, with its specialised Malaysia France Institute (UniKL MFI) and Malaysian Spanish Institute (UniKL MSI), has been at the forefront of this initiative. The university's initial objective was to focus on thermal management, a critical aspect of EV design.



Credit : Paultan.org

However, UniKL's involvement soon expanded beyond this scope due to its exceptional capabilities and the institution's reputation as a TVET university with a strong automotive specialisation.

The comprehensive development process at UniKL encompassed the design, simulation, and fabrication of the entire chassis and EV system. This responsibility was expertly managed by Ir. Dr. Rifqi Irzuan Abdul Jalal, a seasoned expert in automotive development, with crucial support from Ir. Ts. Dr. Tajul Adli Abdul Razak.

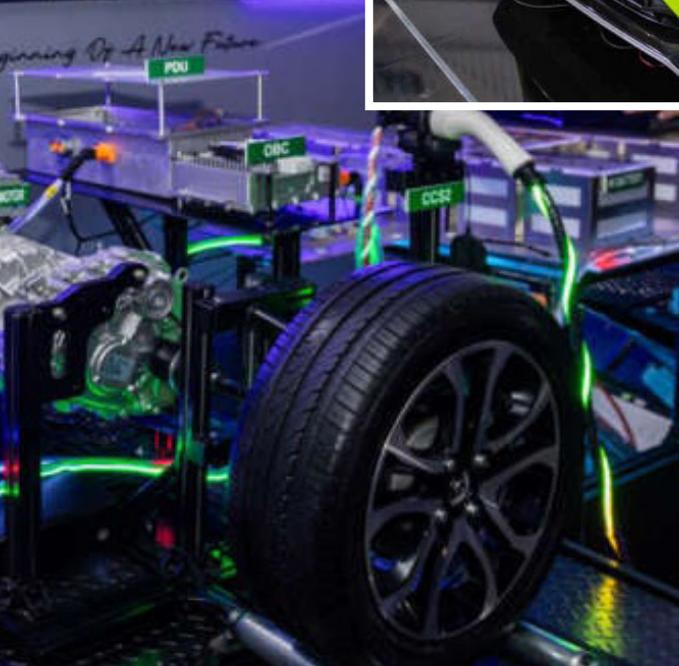
From the beginning, the collaboration was geared towards involving young engineers who had never participated in such projects. This strategic move aimed to accelerate their learning curve and equip them with practical skills. At UniKL, around 20 students and lecturers

actively involved in various stages of the project.

This synergy not only enhanced their technical knowledge but also prepared them for future challenges in the EV industry.

"I believe the students of UniKL MFI and MSI benefited greatly from this exciting and valuable project. They performed exceptionally well," remarked Ir. Dr. Rifqi Irzuan Abdul Jalal.

The project, which kicked off at the end of 2022, was completed in early 2024, just in time for the Autoshow 2024, held at Taman Ekspo Pertanian Malaysia (MAEPS), Serdang, Selangor.



This collaboration goes demonstrated, Perodua beyond the immediate entrusted UniKL MFI goal of producing an and UniKL MSI to design, EV. It exemplifies the simulate, and fabricate potential of academia- the entire chassis and EV industry partnerships in system. driving innovation and fostering talent. By working This unique collaboration together, Perodua and the has seen Perodua engineers universities have created working closely with UniKL a platform for developing lecturers and students future-ready engineers throughout the project. who are well-versed in the The initiative not only aims latest technologies and to enhance the knowledge methodologies. of Perodua engineers but also provides UniKL Meanwhile, Dr. Tajul Adli students with invaluable highlighted that due to the hands-on experience in the commitment and expertise burgeoning field of EVs.

The Electrifying Potential of Conductive Polymers

In the ever-evolving landscape of energy storage, a new class of materials is capturing the attention of researchers and engineers alike: conductive polymers (CPs). These versatile organic compounds, with their unique ability to conduct electricity, are poised to revolutionise the way we store and utilise energy.

CPs are not your ordinary polymers. Their molecular structure, characterised by a chain of alternating single and double bonds, allows electrons to flow freely, much like in metals. This conductivity, combined with their lightweight, flexible nature, and ease of manufacturing, makes them an attractive alternative to traditional metal-based materials for energy storage applications.

Applications in Energy Storage

One of the most promising applications of CPs lies in the realm of electrochemical energy storage devices, such as batteries and supercapacitors. These devices are essential for powering everything from portable electronics to electric vehicles, and the unique properties of CPs offer several advantages over conventional materials.

For instance, polyacetylene (PA), the simplest CP, exhibits high conductivity when doped with certain materials, making it a prime candidate for use in electrodes. PA's ability to store and release energy through reversible chemical reactions, known as pseudocapacitance, further enhances its potential in energy storage.

Polypyrrole (PPy), another well-studied CP, is known for its stability and ease of synthesis. Its biocompatibility has led to its use in biosensors, while its high volumetric specific capacitance and flexibility make it ideal for flexible supercapacitors, which are essential for wearable electronics and smart textiles.

Polythiophene (PT) and its derivatives, including PEDOT:PSS, are valued for their transparency and stability. These properties have opened doors for their use in antistatic coatings for photographic films and transparent electrodes in various electronic devices. Additionally, PT/Al₂O₃ nanocomposites have shown promise as electrode materials for high-performance supercapacitors due to their high specific capacitance.

Polyaniline (PANI), with its tunable conductivity and ability to change colour in response to electrical stimuli (electrochromism), is finding applications in displays and sensors. Moreover, PANI's high electrical conductivity and capacitive function make it suitable for various energy storage devices.

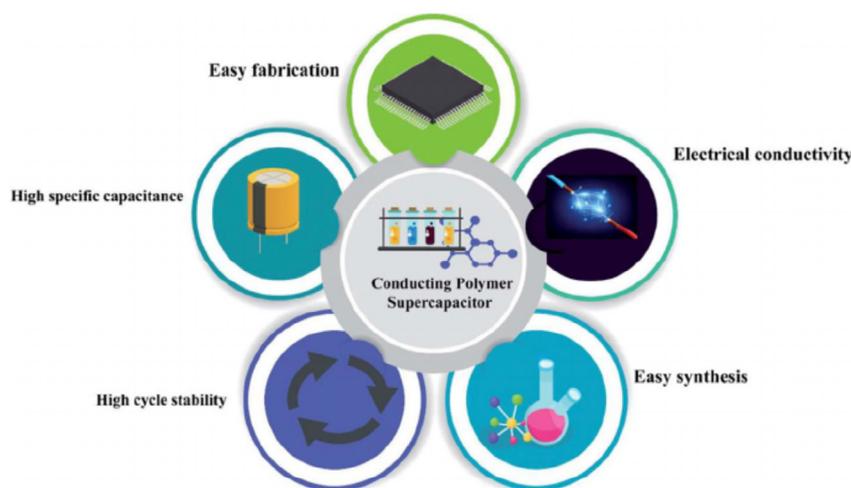


FIGURE 29 Schematic diagram of the key characteristics of CP-based supercapacitors^[45]

Challenges and Future Directions

While the potential of CPs is undeniable, challenges remain. One significant hurdle is their limited cycle life, as they can degrade over repeated charging and discharging cycles. However, researchers are actively addressing this issue by developing composite materials that combine CPs with other conductive materials like carbon nanotubes or graphene. These composites not only enhance the stability and longevity of CPs but also improve their overall performance in energy storage devices.

The future of energy storage is intertwined with the continued development and refinement of CPs. As research progresses, we can expect to see even more innovative applications of these materials, leading to more efficient, sustainable, and affordable energy

storage solutions. These advancements will not only power our electronic devices but also play a crucial role in the transition to renewable energy sources by enabling the effective storage of energy generated from intermittent sources like solar and wind power.

In conclusion, conductive polymers represent a new frontier in energy storage research. Their unique properties and versatility offer a pathway to a future where energy storage is not only efficient but also sustainable and accessible to all. As scientists and engineers continue to explore the vast potential of these materials, we can anticipate a future where energy storage technologies are seamlessly integrated into our daily lives, powering a greener and more electrified world.

Best Friends, Best Nurses

A Journey of Dreams and Determination

Fasya Murshida Abdul Hamid and Patricia Antonysamy's journey began nearly 20 years ago when they first met as part of the inaugural batch of private nursing students at UniKL Royal College of Medicine Perak (RCMP).

From strangers to best friends, their bond grew as they pursued their dreams together, eventually finding success in neighbouring Singapore.



Fasya Murshida, now 38 and a mother of five, graduated from UniKL RCMP in 2009. She recalled a pivotal moment that solidified her commitment to nursing: "We had 44 in our class, and a lecturer asked who truly wanted

to become a nurse. Only four of us raised our hands." This dedication saw her through to a Bachelor of Nursing Science (Honours), which she completed between 2020 and 2023.



Her nursing career began immediately after graduation in 2009 when she was assigned to the Critical Care Unit at a local medical centre.

“I finished studying on April 6, 2009, and by April 15, I reported for duty,” she said. Fasya worked in the Critical Care Unit for nearly three years before moving to a private hospital in Ipoh, where she worked from 2012 to 2022.

Despite her friend Patricia’s encouragement to move to Singapore earlier, Fasya hesitated due to Singapore’s then-policy against nurses wearing the tudung (hijab).

However, this policy changed in November 2021, opening new doors for her.

“Patricia kept insisting I pursue a career in Singapore. When the government changed the policy, I applied at 11 am, and by 1 pm, I had five offers,” she recalled.

It took nearly a year to complete all the necessary documentation, but the wait was worth it.

Patricia, meanwhile, born and raised in Ipoh, completed her bachelor’s degree in 2015 at UniKL RCMP.

“I was part of the first-bachelor’s degree batch UniKL RCMP offered”

Patricia Antonysamy





Patricia's journey was marked by her weekly travels between Ipoh and Singapore, balancing her studies with work. "For two years, I worked five days a week in Singapore and attended classes for two days," she explained. Her determination paid off as she has now been working in Singapore for 12 years.

Patricia's move to Singapore was anything but easy. At 26, she faced the daunting task of starting over in a foreign land, driven by the hope of a better future. "I was 26 years old, struggling alone. My first thought was to try nursing in another country," she recalled.



The decision to leave everything familiar behind required immense bravery, and the path was fraught with challenges. From cultural adjustments to mastering a new healthcare system, Patricia encountered numerous obstacles. Yet, her unwavering resilience carried her through.

Initially, she had considered Saudi Arabia, but her family objected, leaving Singapore as the

nearest option. "I love my parents and couldn't bear being too far from them," she added. Today, both friends enjoy the fruits of their labour with comfortable salaries ranging from 5,000 to 6,000 Singapore dollars.

Patricia's decision to resign from her position in Ipoh to move to Singapore was driven by a desire to challenge herself and experience nursing in a different environment. "Life was quite a struggle, but I

wanted to see what it was like to be a nurse in another country," she said.

Reflecting on their journey, both Fasya and Patricia express gratitude for their experiences and the strong bond they share. "We've been through a lot together, from our days as students to becoming best friends and colleagues in Singapore," Fasya said.



Looking ahead, they both hope to continue advancing in their careers and possibly inspire others with their story.

"If our journey can motivate even one person to pursue their dreams despite the challenges, it will be worth it," Patricia said.

Fasya and Patricia's story is a remarkable example of how two friends, bound by a common goal and unwavering support for each other, can achieve their dreams.

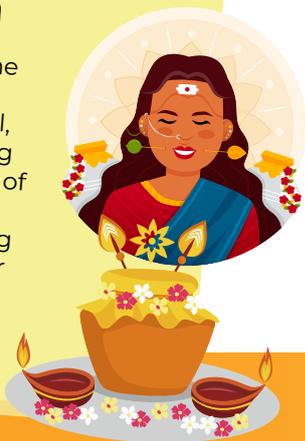
Did You Know? Malaysia's Diverse Celebrations



25 January 2024

Thaipusam

Did you know? The name Thaipusam derives from Tamil, with 'Thai' referring to the 10th month of the Tamil calendar and 'Poosam' being a star in the Cancer constellation that shines brightest during the festival.



8 March 2024

Chinese New Year

Did you know? The Chinese New Year is the oldest and most significant holiday in China and is celebrated in many countries, including Indonesia, Japan, Malaysia, South Korea, Singapore, Thailand, the Philippines, and Vietnam. Over 2 billion people observe this festive occasion globally.



10 February 2024

International Women's Day

Did you know? International Women's Day is recognised as a public holiday in some countries, such as Russia, Ukraine, Nepal and Laos.



28 March 2024

Nuzul Al-Quran

Did you know? Nuzul al-Quran refers to the divine revelation of the Quran from the heavens to the final Prophet of Allah.



30 May 2024

Harvest Festival

Did you know? The Harvest Festival, also known as Tadau Kaamatan, is celebrated over a month starting from May 1st, with its climax celebrated over two days on May 30th and 31st.



10 April 2024

Hari Raya Puasa

Did you know? Hari Raya Aidilfitri is celebrated in commemoration of the Islamic army's victory in the Battle of Badr and the success of Muslims in fasting during Ramadan amidst the conflict.



1 June 2024

Dayak Day

Did you know? Gawai Dayak, a harvest festival, is also celebrated by Dayak indigenous groups around Pontianak, West Kalimantan, Indonesia.



17 June 2024

Hari Raya Haji

Did you know? Unlike the bright and vibrant celebrations of Hari Raya Aidilfitri, Hari Raya Haji is a more contemplative festival, emphasising charity and compassion towards those in need. This highlights the significance of the korban sacrifice as a noble act.



Universiti Kuala Lumpur (UniKL) emerged victorious at the prestigious Aria Putra Brand Awards for the second consecutive year, solidifying its position as the leader in education and learning. The award ceremony was held at One World Hotel in One Utama.

This recognition holds particular significance as the Aria Putra Brand

Awards are unique as they are entirely determined by the votes of Malaysian consumers.

Over 25,000 responses were collected during an extensive eight-week survey period, reflecting the sentiments and preferences of the consumers from various corners of Malaysia.

Gold again at Aria Putra Brand Awards

UniKL's Chairman, YB Dato' Sri Sh Mohmed Puzi Sh Ali, expressed his gratitude and optimism during the interview. He said, "I am immensely proud of UniKL's achievement in winning the Gold Award for the second consecutive year. This is a reflection of our unwavering commitment to providing quality education. I hope UniKL to maintain the victory amidst the challenges."

The Aria Putra Brand Awards serve as a platform for recognising brands that have made significant strides in building a strong and positive image among consumers. UniKL's consistent success in securing the Gold Award underscores its unwavering commitment to delivering quality education and fostering a learning environment that resonates within the Malaysian community.

Aria
BRAND AWARDS
— BY PUTRA BRAND AWARDS —
2022

ARIA AWARDS 2022
The People's Choice

As UniKL continues to push the boundaries of education, this recognition from the Aria Putra Brand Awards is not only a celebration of past achievements but also a motivation to strive for even greater heights in the future. The university remains dedicated to its mission of shaping the minds of the next generation and contributing to the nation's progress through innovative and impactful education.

The Education and Learning category featured formidable contenders, including UNITAR, University of Cyberjaya, University of Nottingham Malaysia, Brickfields Asia College (BAC), and Management and Science University (MSU).





UniKL
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KUALA LUMPUR



Alibaba Cloud

UniKL-Alibaba Cloud team up to enhance cloud education

Universiti Kuala Lumpur (UniKL) and Alibaba Cloud have entered into a significant collaboration aimed at driving innovation and enhancing cloud computing education.

The Country Manager of Alibaba Cloud, Mr. Kun Huang, and Senior Training Advisor Alibaba Cloud, Dr. Jawad Ali Shah, Senior Training Advisor Alibaba Cloud, have formalised this partnership, signaling the commencement of discussions for a comprehensive Memorandum of Understanding (MoU).

The initial step in this collaboration involved the signing of a Letter of Intent (LOI), underscoring

the shared commitment of both parties to bolstering academic proficiency in Alibaba Cloud technologies.

The primary objective of this partnership is to equip educators with the necessary tools and knowledge to integrate state-of-the-art cloud technologies into their teaching methodologies effectively.



A central aspect of this collaboration is the provision of opportunities for students to acquire certifications in Alibaba Cloud, thereby equipping them with the requisite skills to excel in the dynamic technological landscape.

Through tailored training programmes and practical experience in emerging technologies, this initiative seeks to cultivate a skilled workforce capable of leveraging cloud solutions to drive innovation across various sectors.

UniKL has expressed its intention to explore the establishment of an Alibaba Cloud Skills Center, which aims to not only benefit the academic community at UniKL but also extend its impact to the broader public.

The strategic alliance between UniKL and Alibaba Cloud aligns with the objectives of Industry 4.0 (IR4.0), highlighting the indispensable role of cloud computing in driving digital transformation.

By fostering cloud literacy and a culture of innovation, this collaboration seeks to accelerate Malaysia's transition into a digitally advanced nation.

Mr. Kun Huang and Dr. Jawad Ali Shah have expressed confidence in the potential of this partnership to redefine the landscape of education and technology in Malaysia. They emphasise the importance of equipping students with practical skills that align with the evolving demands of the industry.



The signing ceremony was witnessed by the Dean/Head Campus of Universiti Kuala Lumpur British Malaysian Institute (UniKL BMI), Ts. Dr. Zulkifli Mahmoodin, along with the Senior Training Advisor Alibaba Cloud, Dr Jawad Ali Shah.

Signing the document were Deputy President of Academic & Technology (UniKL), Assoc. Prof. Dr. Kushsairy Abdul Kadir and Country General Manager of Alibaba Cloud Intelligence Malaysia (ACIM), Mr. Kun Huang.

UniKL clinches 2 prestigious technopreneur awards

Universiti Kuala Lumpur (UniKL) has secured two esteemed technopreneur awards at the 'Majlis Anugerah Teknousahawan TVET@KKDW 2023' on April 29th, 2024.

The first accolade, a Bronze in the 'Anugerah Kepimpinan Keusahawanan TVET Terbaik' was claimed by Siti Noor Kamariah Yaakop, the head of Teknoputera section at UniKL Malaysian Institute of Marine Engineering Technology (UniKL MIMET).

Siti Noor Kamariah expressed her deepest gratitude to all stakeholders, particularly UniKL, for their dedication to enhancing the skills of their staff to remain competitive.



Muhamad Sallehan Abd Ghafar

Bronze

Anugerah Inkubator TVET Terbaik

Siti Noor Kamariah Yaakop

Bronze

Anugerah Kepimpinan Keusahawanan TVET Terbaik



“This award would not have been possible without the unwavering support of UniKL and our students. At UniKL, we have implemented a particular module, the Genesis Programme, aimed at nurturing entrepreneurs.

“From business setup to sustainability, we provide comprehensive assistance,” she stated passionately upon receiving the award.

Accompanying her in this recognition was Muhamad Sallehan Abd Ghafar, an alumnus of UniKL MIMET, who received a Bronze in the ‘Anugerah Inkubator TVET Terbaik’.

Muhamad Sallehan’s maritime venture, MSG Boat Building, has flourished over the past seven years, generating a gross profit of RM1 million to RM1.5 million last year alone.

“I am profoundly grateful to all involved parties. UniKL has been instrumental in shaping my educational journey and post-graduation, providing me with a roadmap to develop my business,” he expressed with heartfelt gratitude.

The ‘Majlis Anugerah Teknousahawan TVET@KKDW 2023’ is a platform that celebrates the achievements of students, graduates, and teaching staff in the field of technopreneurship.

It brings together approximately 23 institutions under the Ministry of Rural and Regional Development (KKDW).

The event was graced by the presence of esteemed dignitaries, including the Minister and Deputy Prime Minister, YAB Dato’ Seri Dr. Ahmad Zahid Hamidi, as well as KKDW’s Secretary-General, YBhg. Dato’ Ramlan Harun; Deputy Secretary-General (Policy) of KKDW, YBhg. Datuk Che Murad Sayang Ramjan; Chairman of Majlis Amanah Rakyat (MARA) and Pro-Chancellor of UniKL, YBhg. Dato’ Dr. Asyraf Wajdi Dato’ Dusuki; Director-General of MARA, YBhg. Dato’ Azhar Abdul Manaf; and President/Chief Executive Officer of UniKL, Prof. Ir. Dr. Azman Senin.

UniKL secures 2 LoIs at DSA 2024 and NATSEC Asia 2024 exhibitions

Universiti Kuala Lumpur (UniKL) marked a pivotal moment by securing two Letters of Intent (LoIs) at the Defence Services Asia (DSA) Exhibition & Conference 2024 and National Security (Natsec) Asia 2024 held at MITEC, Kuala Lumpur.

The first LoI was inked with Kemalak Aerospace Sdn. Bhd., signifying a commitment to explore future developments within Malaysia's aerospace sector.

Beyond research and development endeavours, this partnership envisages joint training programmes, workshops, student engagement, and internship opportunities.

Such initiatives aim to cultivate a pool of local expertise, provide real-world working experiences, enhance employability, and foster talent development for Kemalak Aerospace and related industries.

Additionally, UniKL entered another groundbreaking LoI with Global Turbine Asia Sdn. Bhd. (GTA), and Yayasan Lembaga Tabung Angkatan Tentera (YLAT), spanning from June 2024 to May 2026.



6-9 MAY 2024
MITEC, KUALA LUMPUR

SIGNING CEREMONY

LETTER OF INTENT
FOR COOPERATION BETWEEN

UNIVERSITI TEKNIKAL MARA SDN. BHD. (UniKL)

-----&-----
KEMALAK AEROSPACE SDN. BHD. (KA)





This innovative collaboration, aligned with the Jejak Bakat Anak Tentera (JEBAT) YLTAT initiative, aims to bolster the government's efforts to fortify education and skills training sustainability across various domains.

Such initiatives aim to cultivate a pool of local expertise, provide real-world working experiences, enhance employability, and foster talent development for Kemalak Aerospace and related industries.

It seeks to enhance the employability of the children of military personnel and veterans of the Malaysian Armed Forces (ATM) by offering industrial training and pathways for competitive job placements.

Under the aegis of the Professional Training and Education for Growing Entrepreneurs (Protégé) programme at GTA, participants will be immersed in industrial training and

placement opportunities, fostering practical skills development.

GTA's commitment includes sponsoring monthly allowances for selected participants, providing steadfast support throughout the programme, and extending similar aid to those continuing their studies at UniKL.

UniKL, in collaboration with GTA, will curate tailored Industrial Placement and Training programmes for the selected candidates, enriching their vocational education experiences.

UniKL's President/Chief Executive Officer , Prof. Ir. Dr. Azman Senin emphasised the significance of these Lols, highlighting their role in aligning graduates with industry needs, underscoring UniKL's commitment to providing adaptable talent solutions.



UniKL collects RM1.2 Million in Zakat contributions for 2023

“We not only extend aid to asnafs, but also allocate funds for mosque renovations. UniKL staff members, particularly those facing health issues or affected by floods, are also the recipients of zakat assistance”

- Ts. Dr. Zulkifli



UniKL has successfully amassed over RM1.2 million in zakat contributions spanning from January to December 2023, derived from both counter payments and a salary deduction scheme.

Chairman of Tabung Amanah Zakat UniKL (UniZ@UniKL), Ts. Dr. Zulkifli Mahmoodin, highlighted that a notable portion, totalling RM591,852, was contributed through the salary deduction scheme, marking one of the highest figures to date.

These collections enabled the distribution of aid to 332 asnafs, who benefited from monthly allowances and Eid contributions at a ceremony hosted by UniKL Malaysian Institute of Aviation Technology (UniKL MIAT).

Also present were the Head of the Collection Division at Lembaga Zakat Selangor (LZS), Muhd Fikri Naim Harun, Deputy President (Academic & Technology) of UniKL, Prof. Dr. Kushsairy Abdul Kadir; Dean of UniKL MIAT, Dr.

Mohd Hafizi Shamsudin, Dean of UniKL Malaysia France Institute (UniKL MFI), Assoc. Prof. Dr. Tengku Mohd Azahar Tuan Dir; and Dean of UniKL Institute of Medical Science Technology (UniKL MESTECH), Assoc. Prof. Dr. Reezal Ishak.

Notably, 160 students from UniKL's Selangor campus attended to receive Eid contributions. Over the period from 2023 to early 2024, a total of 332 individuals within the UniKL community benefited from zakat contributions, encompassing 328 needy students and 4 staff members facing adversity.

UniKL BMI has served as the focal point for zakat collection and distribution across three Selangor campuses, facilitated by the management operations team of UniKL Assistant Amil IPT under the LZS.

The UniZ@UniKL operates under the oversight of a committee chaired by the Campus Head or Dean of UniKL BMI.

URSB partners with REDS for ship repair and building

UniKL Resources Sdn. Bhd. (URSB), a wholly-owned subsidiary of Universiti Kuala Lumpur (UniKL), has forged a strategic partnership with Rimbun Emas Defence System Sdn Bhd (REDS) to delve into the shipbuilding and repair industry.

The collaboration, sealed through a Memorandum of Agreement (MoA), was celebrated during the Defence Services Asia (DSA) Exhibition & Conference 2024 and National Security (Natsec) Asia 2024, held at MITEC, Kuala Lumpur.

Scheduled to extend for two years until May 9th, 2026, the agreement includes the maintenance of a three-year Rigid Inflatable Riding Craft (RIRC) owned by the Special Service Group.

This craft is equipped with cutting-edge technology requiring specialised maintenance, a service exclusively provided by Zodiac, a France-based company.



URSB is currently in the process of registering as a service provider for Zodiac, with support from REDS.

Representatives from UniKL and REDS, including UniKL's President/Chief Executive Officer, Prof. Ir. Dr. Azman Senin and Managing Director of REDS, Muhammad Talhah Zainol, officiated the agreement, witnessed by URSB's General Manager, Anuar Berahim, and Chief Financial Officer of REDS, Azuan Ismail.

Both entities are poised to strengthen their collaboration based on their past successes.

Notably, UniKL secured two Letters of Intent (LoIs) during the first day of the DSA 2024 and Natsec Asia 2024 exhibitions.

One LoI was signed with Kemalak Aerospace Sdn. Bhd., indicating a commitment to future developments in Malaysia's aerospace sector.

Additionally, UniKL entered into another LoI with Global Turbine Asia Sdn. Bhd. (GTA) and Yayasan Lembaga Tabung Angkatan Tentera (YLTAT), spanning from June 2024 to May 2026.



UniKL secures RM303k research grant for AI-enhanced river assessment

Universiti Kuala Lumpur (UniKL) has achieved a significant milestone with the acquisition of a research grant exceeding RM303,000 dedicated to the development of an Artificial Intelligence River Rating and Ranking System (AiR3S).

This collaborative initiative, conducted in partnership with the National Water Research Institute of Malaysia (NAHRIM), marks a pivotal advancement in river management methodologies.

NAHRIM's allocation of RM303,943.20 underscores the strategic importance of this four-year research endeavour aimed at elevating conventional river assessment techniques through the integration of cutting-

edge artificial intelligence (AI) technology.

This funding injection is set to catalyse UniKL's efforts to enhance the efficacy and precision of river monitoring and evaluation processes.

The core framework of AiR3S revolves around the comprehensive analysis of river criteria and performance metrics, encapsulating the vital aspects of Safety, Suitability, and Sustainability (3S).

By incorporating these fundamental parameters, AiR3S promises to deliver a holistic and nuanced perspective on river health and integrity.

The official handover of the grant took place

during the Majlis Malaysia Artificial Intelligence Nexus 2024 (MY AI NEXUS 2024) event, witnessed by the Minister of Higher Education, Dato' Seri Diraja Dr. Zambry Abd. Kadir.

Underpinning AiR3S are sophisticated methodologies and analytical techniques, including but not limited to rain data analysis, water flow dynamics, satellite imaging, and machine learning algorithms.

This multifaceted approach empowers AiR3S to furnish stakeholders with accurate and actionable insights into river conditions and quality assessments.

Beyond its technical prowess, AiR3S holds

profound implications for policy-making and resource allocation within the realm of river management.

By providing decision-makers with robust data-driven insights, AiR3S aims to streamline and optimise interventions related to river rehabilitation, pollution mitigation, and infrastructure development.

Furthermore, the collaborative nature of this research initiative extends to various governmental and non-governmental entities, including the Malaysian Department of Environment (DOE), the Department of Irrigation and Drainage, the Malaysian Space Agency (MYSA), and regional water regulatory bodies.

UniKL graduates among most hired by employers – Survey

Universiti Kuala Lumpur (UniKL) takes pride in its fresh graduates, who are among the most sought-after by prominent graduate recruiters, according to the data-driven employability ratings TalentBank.

In the 2024 Employer's Choice of University list, UniKL stands alongside esteemed 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).

This list provides prospective university students with insights into which institutions are favoured by employers, helping them make well-informed decisions to enhance their job prospects after graduation.



The insights are derived from the Talentbank National Graduate Employability Index (GE Index), which evaluates the employability of graduates throughout Malaysia. The GE Index offers a holistic view of how well universities are preparing their students for the workforce.

Its methodology includes identifying universities that employers typically recruit from, quantifying the number of graduates hired from each university, and evaluating the frequency of recurring hires based on positive performance.

This comprehensive career planning tool aims to significantly reduce graduate unemployment in

Malaysia by aligning educational outcomes with market hiring demands.

UniKL was awarded the 2024 Employer's Choice of University, with its President/Chief Executive Officer, Prof. Ir. Dr. Azman Senin, accepting the award at a ceremony on May 2, 2024.

Dr. Azman expressed gratitude to industry partners for hiring UniKL graduates, highlighting the university's impressive employability rate of 97.1%.

"And to my UniKL colleagues, thank you and let's bring our young generation to become professionals in their fields," he said.



Working visit to China: Five more partnerships sealed

Universiti Kuala Lumpur (UniKL) sealed strategic partnerships with renowned education institutions and key industry players in China, namely Liuzhou Railway Vocational Technical College, Southwest Jiaotong University (SWJTU), Nantong University, Alibaba Cloud (M) Sdn Bhd, and KTK Dom Railway Sdn Bhd.

The collaboration focuses on emerging technologies and technological advancements in Vehicle and Railway Technology, Renewable Energy, Electrical Vehicle (EV), Telecommunication, Artificial Intelligence (AI), Cloud Computing and Internet of Things (IOT).

The exchange of the Memorandum of Agreement (MoA) with Liuzhou Railway Vocational Technical College will pave the way for the development of skilful and competent workforce in railway technology, such as signalling and telecommunication, repair and maintenance of rolling stock and operation and control of train movement for the East Coast Rail Link (ECRL) project, Rapid Transit System Link (RTS) project and existing operators such as Rapid Rail and Keretapi Tanah Melayu Berhad (KTMB) in Malaysia.

Meanwhile, the collaboration between UniKL with Southwest Jiaotong University (SWJTU) and Nantong University through a Letter of Intent (LOI), will lead to research works in the area of Vehicle Technology especially train systems for Mechanical (Vibration and Comfort), Electrical (Power Collector Efficiency) and Electromagnetism study as well as a mobility programme from 1 week up to 1 semester for lecturers and students.

On the other hand, UniKL's partnership with Alibaba Cloud is to establish Alibaba Cloud Academy in UniKL as the certification center in AI, Cloud Computing and IOT.

This will benefit all the education institutions under Majlis Amanah Rakyat (IPMA) and TVET institutes under the Ministry of Rural and Regional Development (KKDW) via the Train the Trainer programme, starting with training for the lecturers.

Alibaba, too, provides a one-year free Alibaba Cloud account for staff and students. Furthermore, UniKL and Alibaba will start exploring research in AI, Cloud Computing, and IOT, particularly in renewable energy.

This is in line with the current research at UniKL British Institute (UniKL BMI), where a full Zero Net Energy Building has already been established.

While the LOI with KTK Dom Railway leads to the development and implementation of a teaching factory for the Maintenance, Repair and Overhaul (MRO) rail system.

This will benefit UniKL in terms of UniKL lecturers and students' training, which includes internship placement, soft skills training, and on-the-job training.

The collaboration documents exchange ceremony was witnessed by Dato' Seri Dr. Ahmad Zahid Hamidi, the Deputy Prime Minister and Minister of KKDW, during his official visit to Beijing.

Also present were Datuk Wira Dr. Asyraf Wajdi Dato' Dusuki, Chairman of MARA and Dato' Sri Sh Mohmed Puzi Sh Sh Ali, Chairman of UniKL.

For the exchange of the collaboration documents, UniKL was represented by its President/Chief Executive Officer, Prof. Ir. Dr. Azman Senin while its partners were represented by the President of Liuzhou Railway Vocational Technical College, Mr. Qin Haibo, the President of SWJTU Mr. Yang Dan, the President of Nantong University, Mr. Yang Yumin, the Country General Manager Malaysia of Alibaba Cloud, Mr. Kun Huang and the Chairman of KTK Dom, Mr. Timothy John.

Earlier, UniKL signed a Memorandum of Understanding (MoU) with Huawei Technologies (Malaysia) Sdn Bhd that includes sharing of expertise, knowledge in data analytics and results in relation to the development of smart cities and disaster monitoring technology.

This will lead to AI and IOT-based solutions to issues in related areas. The partnership will also enable the establishment of a Huawei Intelligent Operation Centre (Huawei IOC) at UniKL BMI, equipped with advanced equipment and computational capabilities to provide a suitable environment for research and development, prototyping, and testing product solutions.



庆祝中华人民共和国与马来西亚建交50周年

Celebration of the 50th Anniversary of the Establishment of Diplomatic Relations between Malaysia and the People's Republic of China

中国人民对外友好协会
The Chinese People's Association for Friendship
with Foreign Countries
2024年5月31日 北京

马来西亚驻华大使馆
Embassy of Malaysia
in the People's Republic of China
May 31, 2024 Beijing



UniKL's graduate employability rate increases to 97.5%

Universiti Kuala Lumpur (UniKL) has reported an increase in its graduate employability rate, rising to 97.5% in 2023 from 97.1% the previous year.

This rate surpasses the national average of 89.8%, according to the "Kajian Pengesanan Graduan Tahun 2023" data released by the Ministry of Higher Education (MoHE).

UniKL Malaysia Italy Design Institute (UniKL MIDI), UniKL Malaysian Institute of Information Technology (UniKL MIIT), and UniKL Malaysian Institute of Chemical and Bioengineering Technology (UniKL MICET) achieved a perfect employability rate of 100%, joining UCSI University and Asia Pacific University (APU) in the private higher educational institutions or IPTS category.

Notably, all 12 UniKL campuses are ranked among the top 20 for IPTS graduate employability. This study considers graduates who are working, pursuing further studies, enhancing their skills, or awaiting job placements.

UniKL MIDI stands out with the highest percentage of employed graduates among the IPTS, boasting a rate of 91.7%.

The employability rates for the remaining campuses are as follows: UniKL Business School at 99.4%, UniKL British Malaysian Institute at 98.2%, UniKL Malaysian Institute of Aviation Technology at 98.1%, UniKL Malaysian Spanish Institute at 97.8%, UniKL Malaysia France Institute at 97.6%, UniKL Malaysian Institute of Marine Engineering Technology at 96.8%, UniKL Royal College of Medicine Perak at 96.1%, UniKL Institute of Medical Science Technology at 95.7%, and UniKL Malaysian Institute of Industrial Technology at 94.9%.

The employability rate for the Technical and Vocational Education and Training (TVET) institutions also increased to 94.5% in 2023.

This rate includes responses from public universities, private universities, polytechnics, community colleges, public skills training institutions (ILKA), and other institutions that offer TVET programmes.

Additionally, three first bachelor's degree programmes showed that over 70% of their graduates are working in their respective fields: Information Technology and Communication, Health and Wellness, and Engineering, Manufacturing, and Construction.



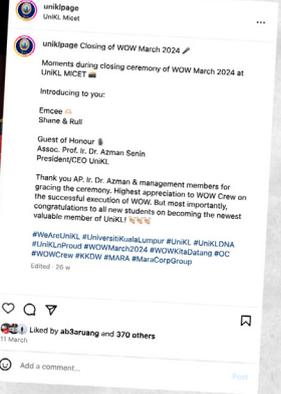
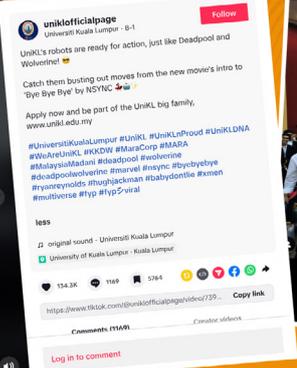
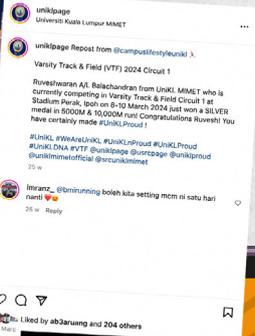
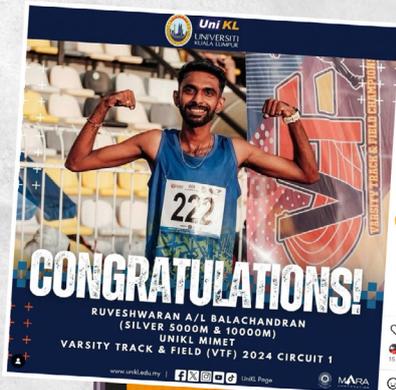
Congratulations

**UNIVERSITI KUALA LUMPUR
GRADUATE EMPLOYABILITY RATE 2023**

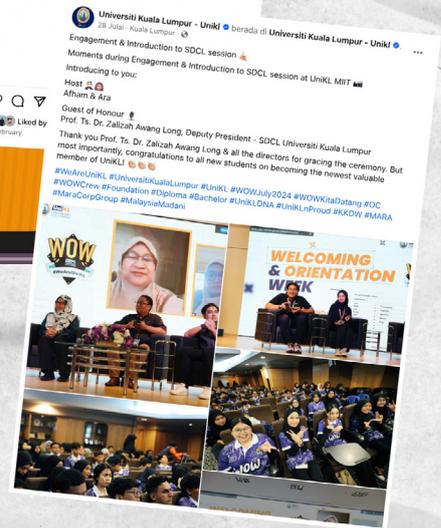
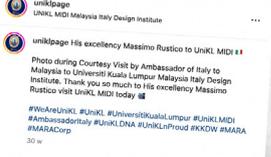
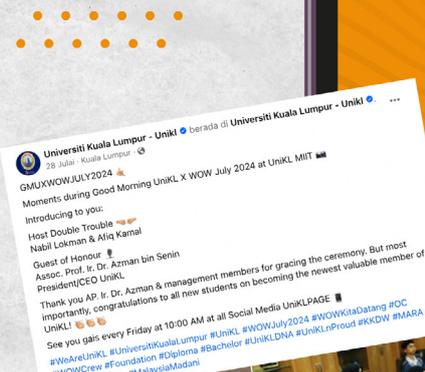
97.5%

12 CAMPUSES IN TOP 20 IPTS GRADUATE EMPLOYABILITY 2023





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