



New Aspirations,  
A New Direction

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A leader  
in times of  
crisis

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From plain jane  
to self-made  
woman

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Universiti Kuala Lumpur  
**X-press**

# Globalising UniKL



**UniKL**  
UNIVERSITI  
KUALA LUMPUR



# **HARDSHIPS OFTEN PREPARE ORDINARY PEOPLE FOR AN EXTRAORDINARY DESTINY**

**- C.S. Lewis**

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# New Aspirations, A New Direction

*With the strategies, initiatives and targets set for 2022, UniKL envisioned strengthening its reputation and sustainability to establish its global prominence.*

Almost 20 years since the establishment of UniKL, by next year, this technical university has built a strong and exceptional brand in the field of education. Proven by the commendable success of securing the Putra Brand awards in succession, it shows beyond doubt that UniKL remains the people's choice.

The 20 August 2002 marked a revived defining moment for Malaysia's educational landscape with the birth of a new Higher Technical and Vocational Education and Training (HTVET) academic institution.

UniKL pioneers the HTVET agenda of the nation, which has formed a strategic driving force towards

producing graduates who are needed globally and educated in ways to maintain a humane society. In essence, UniKL cultivates its graduates with solid technological knowledge and adroit entrepreneurial skills who can meet the current demand of the industries.

With 13 institutes located throughout the country, UniKL offers various foundation, diploma, undergraduate and postgraduate programmes in their niche areas of specialisation. As a university dedicated to tertiary education, UniKL also develops its commercialisation potential and research under the concept of 'One Institute, One Specialisation'.



## Putting UniKL on the global map

UniKL has welcomed a new administration into its fold during the still-raging Covid-19 pandemic crisis on 1 July 2021 with the appointment of Datuk Dr. Roziah Omar as the university's fourth President and Chief Executive Officer (CEO).

Above the mark of the Asian market, Datuk Dr. Roziah, 65, who had previously served as the Deputy Director-General (Private Higher Education Institutions) at the Ministry of Higher Education, envisions setting a future-proof footprint for UniKL beyond the horizon - towards globalisation.

Aimed at achieving the prime objective, positioning the university in the international education market

has since become one of the utmost priorities in propelling the growth and sustainability of UniKL.

It has been set under the second and third strategic thrust of UniKL in the short term of three years, involving the essence of academic excellence, branding, marketing and internationalisation.

In line with the university's motto, 'Where Knowledge is Applied and Dreams Realised', Datuk Dr Roziah, a distinguished scholar with extensive achievements in research and leadership acknowledges UniKL has to ensure the relevancy of the programmes offered and the career pathway of its graduates while ensuring its academic excellence is being recognised.

To this end, UniKL aspires to attract renowned global talents in teaching and research, as well as collaborations with internationally renowned universities for internal talent development.

This can be realised through mutual teaching and research mobility programmes to enhance the university's academic talent.

The desired objective must correspondingly be met by linking with top local and international universities and industries. Yet, this extends beyond the networking efforts to improve international visibility and branding through high impact collaborations with internationally renowned universities.

In fact, Unikl has indeed provided academic and technical programmes in collaboration with recognised education institutes in Spain, France, Britain, Germany, Italy and other developed countries by means of bilateral relationships between the government of Malaysia and these nations.

Through such collaboration, many undergraduate and postgraduate students to a certain degree have gained a first-rate working environment and a lively social life experience.

While globalising UniKL is preeminent, strategic partnerships with key industrial players will remain strong, established from time to time to ensure UniKL can continuously leverage all the latest technology and its resources provided by partners for academic and research use.

Courses taught at UniKL, on the ground of this, are recognised by leaders and professional bodies in its relevant industry.



Datuk Dr. Roziah Omar  
President and Chief Executive Officer (CEO)

## Global recognitions manifest UniKL's steady exertions

Earlier this year, UniKL marked a new chapter when it was enlisted for the first time in the Times Higher Education (THE) Emerging Economies University Ranking 2021.

The Malaysia's largest private technical entrepreneurial university with an enrolment of 22,000 students and under the aegis of Majlis Amanah Rakyat (MARA), UniKL is ranked 400-500 position, a remarkable achievement since its inception in 2002.

It is also among 15 Malaysian universities out of 606 tertiary institutions from 48 countries and regions worldwide or 14 per cent more than in 2020 (533), as 86 universities make their debut.

Amid the global Covid-19 pandemic that has affected student enrolment into universities, UniKL then continues to soar as a top-performing institution in the Times Higher Education (THE) Asia University Rankings 2021.

The ninth edition of THE Asia University Rankings secured UniKL a spot among the top 551 universities from 30 territories. UniKL made its debut, alongside Universiti Teknikal Malaysia Melaka (UTeM), in the 401+ band.

Not only that, the technical university also for the first time has been included in the QS World University Rankings 2022, and was among 22 Malaysian universities listed from a total of 1,300 universities in 97 locations globally in the annual university rankings.

It was listed in the 801-1000 band alongside Universiti Malaysia Pahang (UMP), Universiti Malaysia Perlis (UniMAP) and Universiti Tunku Abdul Rahman (UTAR).

These achievements have brought UniKL to become among four Malaysian government-linked universities (GLU) that have established themselves as top institutions by consistently getting good national and international ratings.

This achievement is amplified by the recognition of the Malaysia Research Assessment Instrument (MyRA) and Rating System for Malaysian Higher Education Institutions (SETARA).

By 2025, the technical university aims to be listed in the world's top 600 universities and has 6 SETARA star ratings. With the strategies, initiatives and targets set for 2022, UniKL envisioned strengthening its reputation and sustainability to establish its global prominence.



# A leader in times of crisis

Dealing with the challenges presented by Covid-19 is daunting, but this is how Muhammad Faez Rashdan Mohd Rifae found ways to strategise during the disrupted times.

The unprecedented Covid-19 pandemic has disrupted the 'normal' lives of human beings, be it in the educational or mental health aspect, to say nothing of the economy of nations.

When the coronavirus outbreak in Malaysia first took place in 2020, which resulted in Movement Control Order (MCO), Universiti Kuala Lumpur (UniKL) swiftly reacted into forward-looking actions to counter the challenges presented by the pandemic.

Here comes the main role of a student leader in times of crisis - Muhammad Faez Rashdan, 23, who left no stone unturned in making sure the welfare of UniKL students were taken care of.

"Before becoming the President of UniKL Student Representative Council (USRC), I was the ex-member of Welfare and Accommodation, and when

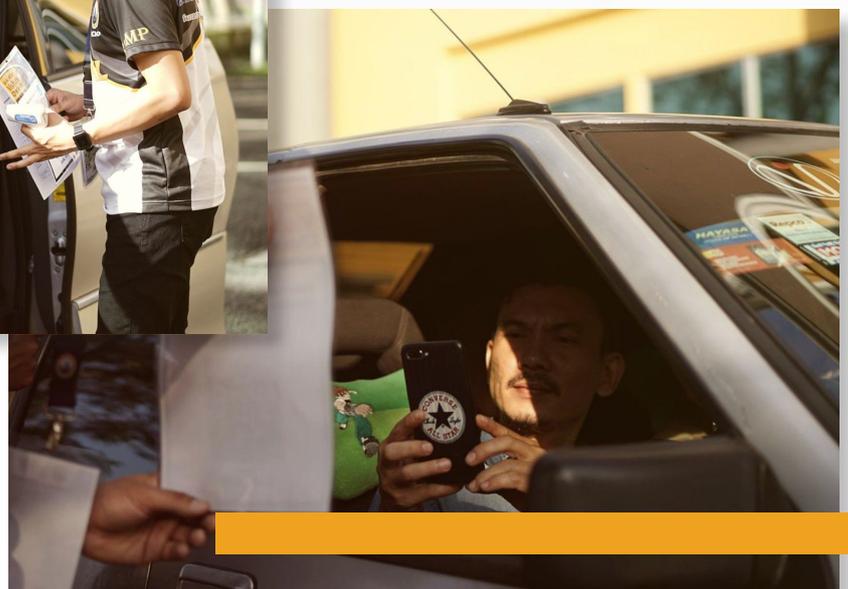
the pandemic Covid-19 first hit Malaysia, this unit basically directly involved to manage issues and challenges related to the crisis among students.

"From here on in, we can see the students really struggled in the matter of their mental health and education. Not to mention their finances were affected as the parents were laid off due to the pandemic. It is not an easy task to ensure their welfare," told him.

He said the vicious cycle of Covid-19 brought about many UniKL students stuck with financial distress to the extent that they did not have enough money to pay the study fees and some cannot afford a meal.

These inexorable strains, Muhammad Faez Rashdan further explained, have triggered the emotional and mental health of students in jeopardy, leading to depression. "The worsening Covid-19 outbreak sparked many difficulties, and the Student Representative Committee (SRC) at 12 campuses tried to find solutions in order to help hard-hit students.

"So, the first thing we did was to have an engagement





session with the university’s top management to find a solution to help them. Among the initiatives that have been successfully implemented in collaboration with the university was the repatriation of students on campus through the UniKL Ride programme.

“For the students from Sabah and Sarawak, airlines such as AirAsia and Malaysia Airlines gave them discounted plane tickets, as a result of discussions between the Majlis Perundingan Pelajar Kebangsaan and those companies. This fruitful effort was due to the cooperation provided by the Ministry of Higher Education (MoHE) which created a platform for us to engage in discussions with airline industry players,” told him.

**“I was nurtured with a great passion for leadership and I am not a passive person.”**

For those unable to return to their hometowns during the implementation of state travel restrictions, Muhammad Faez Rashdan said UniKL provided basic food aid to the students who rented out of campus as well as RM200 cash assistance to every student. The SRC at all 12 campuses ran on fumes to be of service despite having a skeleton crew.

He shared, there were even students who were admitted to the wards; following this, the SRC at the drop of a hat, traced the infected students and helped them to apply for the insurance claim. “We utilise the Tabung Kebajikan Siswa (TKS) to the maximum,” he quipped.

Setting foot in 2021, the committee yet faced the same challenges, but this time around they made every effort to settle things that had yet to be done. He noticed the students were in dire need of emotional support after two years of being trapped in the stagnant environment of Covid-19.

“That is why we also initiated a session of expressing feelings assuring their welfare would not be granted,” remarked him.

He has made a string of outspoken and sometimes vocal speeches in recent years at national and international levels. Not merely this, Muhammad Faez Rashdan also brought Malaysian youth voices to the ASEAN Young Leadership The Future: Opportunity and Challenges webinar.

Muhammad Faez Rashdan, who was selected to represent Malaysian future leaders at the webinar,

said that young people are undeniably impetuous and sensitive, but once they set their sights on anything, they stand firm on their decision.

His sense of leadership has been nurtured since childhood and continued at the secondary school, Maahad Tahfiz Sains Darul Aman, where he served as president of the student representative council.

A good flashback to his pre-teens, the hardship and poverty of others inspired him to be a 'headman' who wants to shake things up. He hails all the way from Baling, Kedah, a rural area that is well-known to many.

"I was nurtured with a great passion for leadership and I am not a passive person. Baling is a far north area in Malaysia, so there was not much exposure to different kinds of walks of life, but the hardship of locals is felt in many ways.

"I saw the struggles of others to meet their daily ends. Throughout that experience, I was inspired to become a leader and it drew me towards medicine studies with the initial intention of giving back to the society," he uttered.

Instead of spending most of the time playing with friends, he would rather hit the books, and this is proven by his excellent results, sweeping all As in

national main examinations. Becoming a doctor has always been his dream since childhood.

Muhammad Faez Rashdan took his first step towards becoming a doctor by enrolling in Science and Medicine Foundation at Universiti Sultan Zainal Abidin (UniSZA), Terengganu before pursuing higher learning in Bachelor of Medicine and Bachelor of Surgery (MBBS) at UniKL Royal College of Medicine Perak (UniKL RCMP).

At UniKL, he continues to serve the student community, by serving as the student leader for two terms as of today. Despite all the challenges, Muhammad Faez Rashdan is clearly keen on doing more than just attuning to the needs of students, but instead taking advantage of every opportunity laid bare.

"Being chosen by the students to represent their voice is not an excuse for me to put it as a benefit of myself, but it drives me to serve them even better. At this hardship moment, I know that it slowly erodes the soft skills of students, as we had to adhere to the online classes and no physical meetings to name a few.

"That is why, at the SRC level, we strive to boost those skills by organising more activities to instil leadership, communication, management and hard skills into each student. Some might view this as a trivial effort, but this can amplify to even bigger success," he told.

**"I saw the struggles of others to meet their daily ends."**



# Adoption of Augmented Reality Technology for Dengue Awareness

## An innovative approach to create awareness for children

Augmented Reality (AR) is a technology that allows users' interaction between virtual and the real world in real time, where they become engaged with the learning. AR allows the user to view virtual information in the real world that can create an interesting way in bridging the real within virtual worlds.

The use of AR has transformed the way people create an awareness as current approach, people are using media, brochure, Short Message Service (SMS), and social media.

AR technology enables the researcher to facilitate the visualisation and the integration of information makes the information dissemination more engaging and interesting.

This study has developed a mobile AR for dengue awareness to educate children about the mosquito breeding, type of Aedes mosquitoes, colouring features, and quizzes as a complimentary to printed informative AR booklet, as shown in the Figures below.

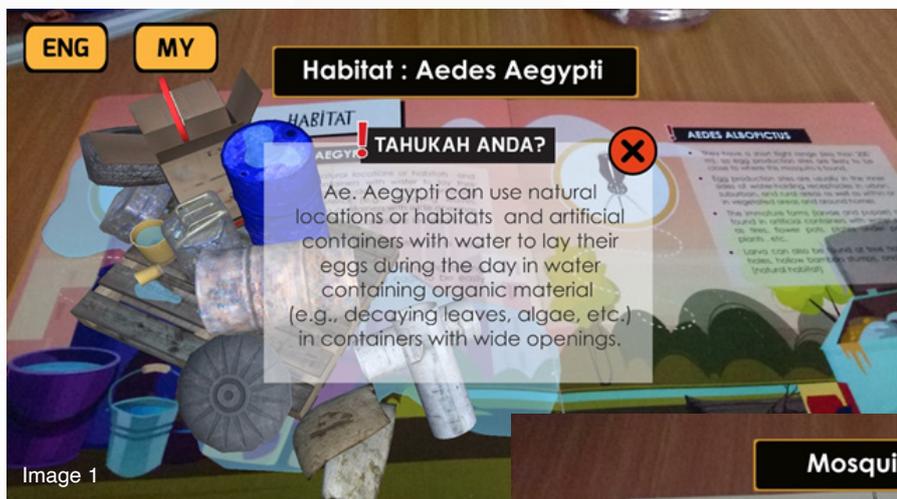


Image 2: Mosquito natural enemy in 3D Augmented Reality

Image 1: AR button on Aedes Aegypti habitat

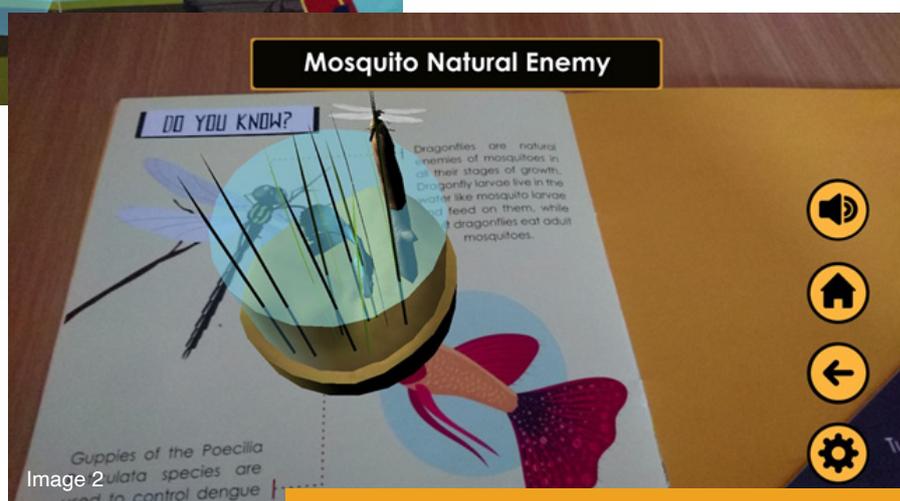


Image 2: Guppies of the Poecilia reticulata species are used to control dengue

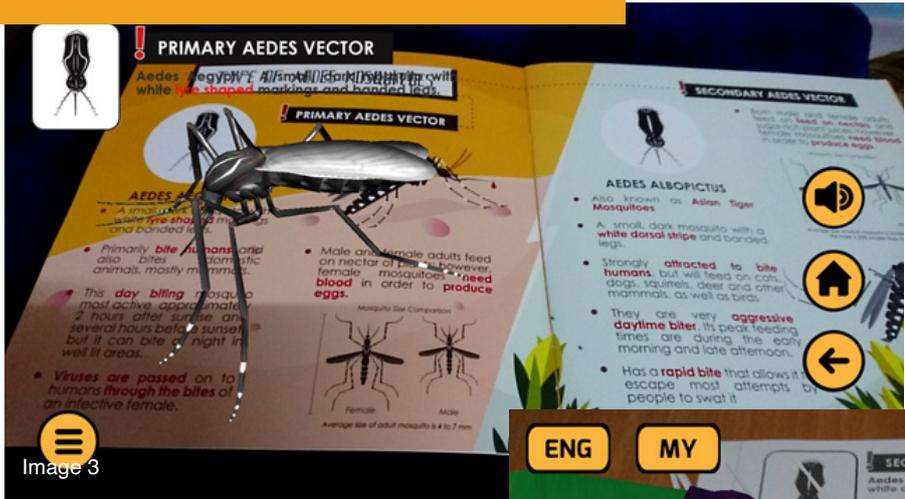


Image 3: AR button on type of mosquitoes

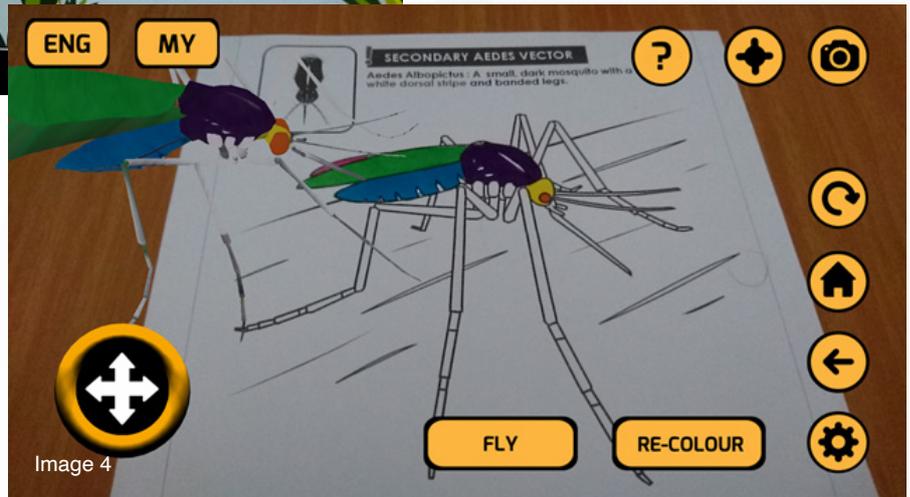


Image 4: AR Colouring on the image tracker

Whilst reading the printed materials, user can view a dynamic visualisation by using the AR application that can help their understanding on the danger of Dengue virus. The colouring feature, meanwhile, is designed to create enjoyment while using the mobile application.

The mobile application allows the user to view 3D animation of the colouring objects covered by the painted colours. Hence, the dynamic 3D viewing, and colouring features can create awareness in the early prevention of dengue as well as enable them to interact with the booklet content for knowledge information.

This study was funded by Short Term Research Grant Scheme (STRG), Universiti Kuala Lumpur (UniKL). The research findings have been published as a research book and in Scopus indexed conferences.

The AR informative has International Standard Book Number (ISBN) and the mobile application is available on Google Play Store. The project has won multiple research innovation awards such as Winner at the Asia Pacific ICT Alliance Awards (APICTA 202-21), Silver award in International Conference & Exposition on Inventions by Institutions of Higher

Learning (PECIPTA 2019) and EXPO TVET @KPLB 2019.

This research led by Ts. Dr. Bazilah A. Talip from UniKL MIIT and undertaken by one Master's student, Nurul Shuhadah Rosni and alumni of UniKL MIIT, Mohd Amin Che Mohd Shabri. The research team also included Dr. Nurul Lina Mohd Nor from UniKL MIIT as well as Dr. Zahidah Abd Kadir from Higher Colleges of Technology Abu Dhabi, UAE.

Report by:  
Ts. Dr. Bazilah A. Talip  
UniKL MIIT  
Head of Section, Postgraduate Studies

# iSOBER:

# Intelligent Alcohol Detection

## Creating a safer workplace

In 2019, Malaysia has become the third highest fatality rate from road accidents in Asia because of driving under the influence of alcohol. A person who consumed excessive amounts of alcoholic beverages, and is driving in a drunken state that causes death can be charged under penalty due to criminal action.

Horrendous accidents involving drunk driving have been reported recently and the numbers keep increasing every year. Although enormous international laws have been drafted to control the alcohol influence among drivers, there are lesser numbers of readily-available methods to measure the alcohol consumption for public transport.

Alcohol is an addictive drug that can disrupt signals transformation to the brain and body. Alcohol has an adverse effect on problem-solving skills, decision making, concentration, reaction times, and psychomotor. The utmost important factor to be highlighted is, alcohol may have adverse effects on 'fitness for work' and individual health and wellbeing.

Alcohol can affect the human performance of safety-related activities, such as driving an automobile or flying an aircraft, or handling machinery for short-term effect could harm on single occasion. Although an alcohol tester called a breathalyser can provide measurement data in a relatively shorter time compared to medical test including blood tests or urine tests. However, a device to measure and monitor the percentage of alcohol content is still insufficient.

Alcohol consumption may not only affect a single person, but also affects the whole community including the co-workers, customers, shoppers, family, friends, and community members. If the drivers drink alcoholic drinks before performing the duty, the probability of having an accident is higher and risk of death is increased as well.

The relationship between alcohol consumption and

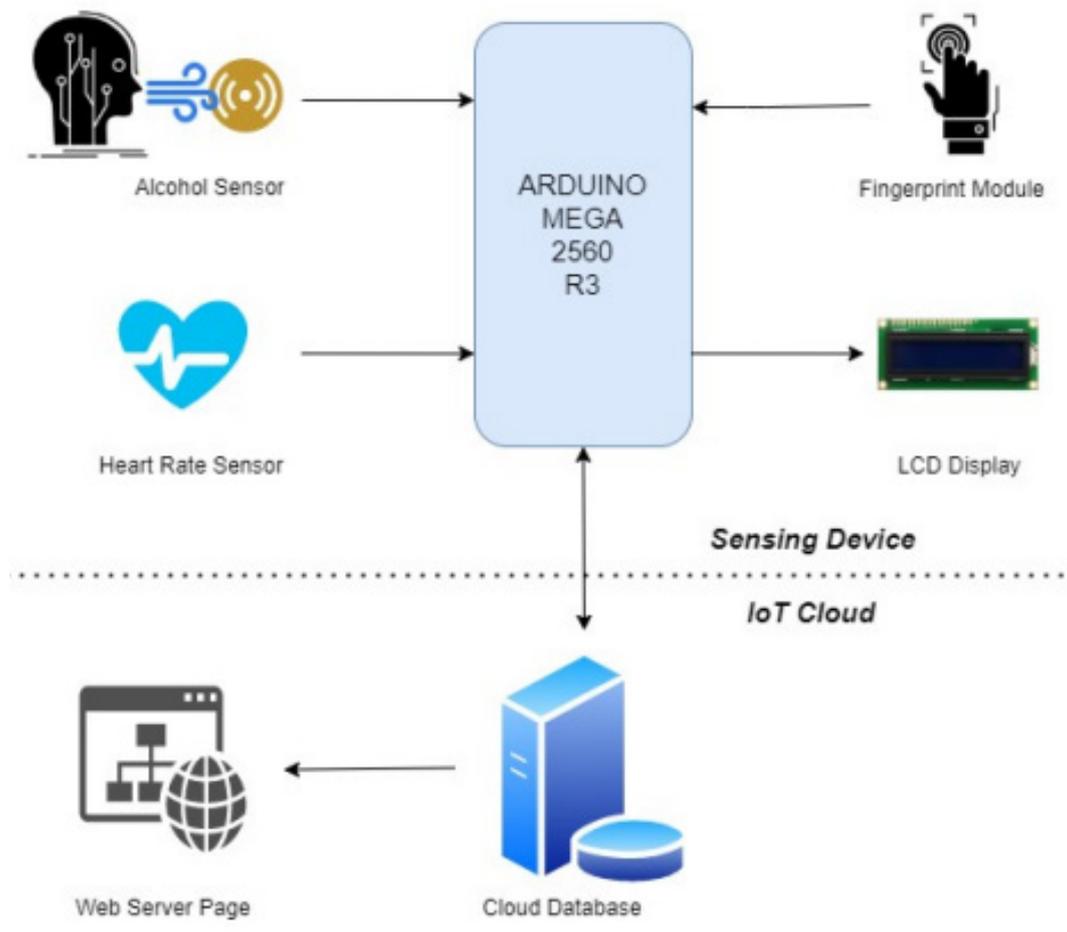
occupational accidents has been studied extensively. Most of the experimental research on alcohol's effects on safety performance was conducted in air and ground transportation. High number of accidents related to alcohol consumption either on the road or air accidents have been reported.

Based on Federal Aviation Administration (FAA) reports published in October 2008, a number of 2,391 pilots involved in fatal accidents received by Civil Aerospace Medical Institute (CAMI) were under toxicological investigation. Out of 215 of these pilots indicated 9% had a documented alcohol or drug-related and 23 pilots (11%) were involved in a fatal aviation accident that had consumed ethyl alcohol.

Blood alcohol content (BAC) is an estimation of alcohol intoxication utilised for legal or clinical purposes. A BAC of 0.10 (0.10% or one-tenth of one percent) implies that there are 0.10 g of alcohol for every 100 ml of blood. If an individual has a BAC 0.02%, that person will behave like a normal person.

If the BAC percentage is increased to 0.05%, a person starts to lose coordination, having a slower time for responses and causing a debilitated visual perception and considered unsafe to drive. For the road users, the maximum BAC level to drive any automobile varies according to the country. In Malaysia, the allowable BAC level to drive is 0.08%, which is quite high; therefore, the tendency to be involved in an accident caused by alcohol is very high.

The Malaysian Institute of Road Safety (MIROS) stated the probability of a drunk driver to cause an accident is 13 times higher compared to a sober driver. From the aviation industry, the pilots are prohibited from flying or even attempting to fly an aircraft within 8 hours of alcohol intake; or if they required an alcohol concentration of 0.04 percent or higher.



Schematic diagram shows on how the alcohol sensing devices operate and data integration

Alcohol intoxication or alcohol poisoning is a condition where a person consumes a high intake of alcoholic beverages in a short time duration. The intoxication of alcohol is serious and could cause sudden collapse or death. Alcohol intoxication symptoms are loss of body coordination, blurry vision, and decreased person's reaction time that can lead to an accident.

The alcohol intoxication involves the breathing, pulse rate, and gag reflex and affects the human body system. Consumption of alcohol also has implications for the health and well-being of the drinkers; by implication, the implications also include the lives of the people surrounding them.

Over the years, research has been done and the impact of alcohol on the body system has been identified that can lead to several health problems such as psychomotor deficit, cardiovascular problem and blurred vision. This proved that consuming alcohol can cause many negative impacts not only for our health but also the society.

The objective of this study is to develop an early alcohol detection system and it is used to minimise the effect of alcohol influence and to identify the fitness of the person before performing their work. The system will measure the alcohol level in the blood

through human breathing using an alcohol sensor and it will alert the safety manager if the person is unfit to perform work.

In this research, we have developed a device to measure the Blood Alcohol Concentration level (BAC). The recorded data will be transferred to the cloud system called MySQL database. It uses the PHP programming language to interact with the MySQL. The system used a local network to send the data computed by the Arduino mega and then forward to the MySQL and stored it to the database.

The software implementation for the system is using Arduino Integrated Development Environment (IDE) which is written in functions from C and C++ language. It is used to write and upload all the programs to the Arduino mega board. In addition, the alcohol sensor is an analogue sensor, the AOUT terminal of alcohol sensor generates an analogue voltage that is directly proportional with the amount of alcohol intake.

If the alcohol intake is higher, the analogue voltage will show higher output. If a certain threshold is met by the analogue voltage, the DOUT digital pin is high. Once this DOUT pin is high, the Arduino mega detected the signal that the alcohol threshold reached maximum value. All the compute data will be



The research team won Gold medal award at ITEX 2021

shown on the LCD display and sent to the database and can be accessed on the website.

This research provides a much-advanced concept that can be implemented in the construction site, factory, office, and also public transport and to minimise alcohol-related accidents and improve the safety of workplaces. Overall, the outcome from this research will have significant impact on creating a safe and healthy community

This study was funded by the Industrial Grant from TRAMS Sdn Bhd. The research findings have been published in SCOPUS indexed journal and presented at international conferences. The project has won multiple research innovation awards such as Best of the Best and Gold Medal award at Apprentice Innovation & Research Exhibition (AIREX21), Gold medal award at International Invention and Innovative Competition (InIIC21), Silver medal at

the Malaysia Technology Expo (MTE 2021), MTUN International Special Award (MTE21) and Gold medal at International Invention, Innovation & Technology Exhibition (ITEX21).

Led by Ts. Dr. Mohd Amzar Azizan from UniKL MIAT and undertaken by two Bachelor Degree Students, Amirul Rohismadi and Nurizzati Norizan. The research team also include multi-national researchers from RMIT University, Melbourne and Universitat Politècnica de Catalunya, Spain. This research also was supported by TRAMS Sdn Bhd.

Report by:  
Ts. Dr. Mohd Amzar bin Azizan  
Aero-ergonomics Research Cluster  
UniKL MIAT

# From plain-Jane to self-made woman

*Started as a retail trader of homemade skincare products, now a young businesswoman and alumni of UniKL has become one of the successful women entrepreneurs in Sabah.*

“There are two powers in the world; one is the sword and the other is the pen. There is a third power stronger than both, that of women,” a quote by Malala Yousafzai, a Pakistani activist for female education and a Nobel Peace Prize laureate.

To match the same essence, a woman exceptionally has to spare no effort to realise her dreams. Having said that, this is what is being emulated by Norsiah Ahiddin to bring her vision to reality, who is eventually dubbed as Norcy after being well-known through her own empire of skincare business.

A plain-Jane hailing from the far north of Matunggong, Sabah, Norcy has turned herself into a self-made woman owing to Norcy Beauty Lab. Graduated with a prestigious bachelor’s degree qualification at Universiti Kuala Lumpur (UniKL), she has been long prepared to start and run a chemical lab business.

“Before I initiated this business, I had worked at numerous private labs for three years to gain experience. This business fully commenced in 2017 and setting foot into 2018, I won business grants from Sedia Teraju worth RM100,000 which allowed me to

establish my own cosmetic plant in 2019.

“However, at the moment, we are still waiting for Good Manufacturing Practice (GMP) accreditation by Ministry of Health (MoH) which has been delayed since 2020 due to the unprecedented Covid-19 pandemic. I expect this will take time until early next year.

“Throughout the first two years of Norcy Beauty Lab establishment, we operated as research and development (R&D) lab whereby, we help to formulate ingredients in skin care products for the client or founder and subsequently these will be produced in small scale manufacturing for the market test,” said her.

Small yet powerful, her business has helped more than 300 founders realise their dreams and they are not limited to those in Malaysia, but in Brunei and Kalimantan, Indonesia. Something that is difficult to do or deal with, but she knows that it is a tough row to hoe.

Humbly sharing it with the CBSCD team, she admits





that by having her own empire in the industry, there is no dependency required on other cosmetic companies or chemical plants. “Currently, we are in the audit process and as of today, Norcy Beauty Lab has produced more than 27 range of skincare products certified by the MoH,” she added.

Ever since childhood, she flung herself into the cosmetic and beauty field, which became the driving force for her to pursue a related academic programme, Bachelor of Clinical Laboratory Science (Hons.) at UniKL Institute of Medical Science Technology (UniKL MESTECH).

“The programme allows me to expand my career opportunities not limited to beauty products but by setting up a chemical lab to commence the R&D effort. The learnings are applicable as we were taught in real labs, as used by the industry.

“Regardless of areas of the clinical field that I embark on such as the beauty lab or nutrition lab, the basics are all the same. We just have to be good at adapting that knowledge and learn the rope,” told her.

It is no surprise for a start-up business to get to grip with a few hiccups, and for Norcy, the biggest challenge in building her own business from the ground up was to have sufficient capital. Funnily enough, she however expressed that it is incomparable to finding a perfect

team of employees.

“To have a great team and recruiting perfect workers is another heavy set of burdens for any start-ups. It is then followed by how a leader can cultivate and develop the good skills to head up the team and business.

“As the business expands, the bigger the team will become. This is the hardest challenge,” she explained while adding that Norcy Beauty Lab to date, has seven permanent employees and 100 agents throughout Malaysia.

Despite being a newly-established business, Norcy Beauty Lab recorded monthly revenue of RM75,000 to RM85,000.

**“We just have to be good at adapting that knowledge and learn the rope”**

As the proverb goes - “hard works betray none”, Norcy’s success even earned recognition from the government state of Sabah through a few awards. She was conferred with the first entrepreneurial award in 2019 and in the same year, she was listed among the top 100 ‘Most Outstanding Entrepreneur Sabah’.

She beat out several other products from the ‘land below the wind’ like textiles and handicraft. Recently in the year 2021, she bagged Anugerah Usahawan Belia Negeri Sabah in recognition of her outstanding achievements in entrepreneurship.

Notably, the award is open for all entrepreneurs in Sabah and is held every two years.

“Interestingly enough, I submitted the award application at the last minute. I was not confident in the first place as there were many other outstanding entrepreneurs who applied. However, I believe that this might be worth trying, and thereupon I tried my luck and was shortlisted.

“The winner is chosen based on a few criteria including business resilience against the Covid-19 pandemic and commitment to corporate social responsibility (CSR) during the crisis. Norcy Beauty Lab, in short, I would say we were not only generating income during that unprecedented time, but we provided job opportunities to vulnerable and unemployed individuals.

“In addition to the effort, we extended our helping hands to the frontline staff by donating the personal protective equipment (PPE). I think, these might be the dominant factors Norcy Beauty Lab was honoured with the award,” she shared.

Norcy said her business was born with a different set of ideas and nature, to become distinguishable from other existing cosmetic and beauty industry players. In hopes of overcoming scepticism among Malaysian consumers of local skincare products, she strives to ensure that the products assembled have undergone rigorous and effective research, among others in collaboration with the universities and researchers.

It is quite surprising to note that the researchers have found great discoveries that can lead to potential commercialisation, according to Norcy.

“At the same time, Norcy Beauty Lab can offer facility and plants to help formulate and produce the products based on the discovery of the potential ingredients, this is followed by a few more R&D processes.

“Our cosmetic manufactory operates on autopilot-basis, and currently, we are in the process of developing another plant which focuses on food R&D and manufacturing. With this new plant, we can extend our reach to the food and health drinks markets, in foreseeable future,” told her.



# UniKL BMI serves as Covid-19 PPV

Universiti Kuala Lumpur British Malaysian Institute (UniKL BMI) is among the Vaccine Dispensing Centre (PPV) in facilitating the National Covid-19 Immunisation Programme.

The UniKL BMI vaccine centre in Gombak began operations on Thursday, 29 July 2021 and is expected to continue until December 2021.

Selangor State Assemblyman for Gombak Setia YB Muhammad Hilman Idham paid a visit to the vaccination centre on the first day of operations while Selangor Menteri Besar YAB Datuk Seri Amirudin Shari made a brief tour at the centre on August 1.

During the visit, Datuk Seri Amirudin was briefed on the procedures at the PPV from the registration counters, inoculation process and the discharge station by Eamy Mokhtar, the Chief Assistant District Officer (Rural Development) from the Gombak District Officer.

Kuala Lumpur Medical Clinic is the Health Care Organiser of the UniKL BMI Vaccine Centre. Unlike most PPV's which were overwhelmed by hundreds of people, the UniKL BMI centre saw a calm and steady stream of people who came as early as 8 am. The PPV operates from Monday to Sunday (8 am – 8 pm).

The first day of operation saw a total of 425 people receiving their first dose of the Sinovac vaccine. Senior citizens who have yet to get their Covid-19 shots can now walk-in at the vaccination centre. The daily vaccination numbers are expected to increase in the next couple of days.



Assoc Prof Dr. Kushsairy Abdul Kadir, the Dean of UniKL BMI, said the campus is honoured to serve as a PPV in the Gombak District in the government's efforts to flatten the curve amid the rapid rise in the nation's number of infections.

"UniKL BMI is the first MARA education institution to be selected as a PPV and we are deeply honoured to participate in the Covid-19 National Immunisation Programme. It is also in line with our Corporate Social Responsibility to ensure that the community in Gombak District and other areas are served well at our centre," said Assoc Prof Dr. Kushsairy who regularly engages in discussions with the medical team, non-medical staff, officials from the Gombak District Office, RELA, Malaysian Civil Defence Force (Angkatan Pertahanan Awam), and other frontliners on any shortcomings.

"I understand that the medical team have targeted 1,000 people for daily doses after the first week of vaccination. We had a trial run just before the opening of the PPV and things have been going smoothly," he said.

"The facilities here are conducive for such a programme. This centre has the capacity of administering 1,000 doses per day and we adhere to the highest level of SOP throughout the day," he added.

Assoc Prof Dr. Kushsairy also disclosed that several postgraduate students from the UniKL BMI campus had volunteered their service at the PPV and will be called upon in due time.

Meanwhile, Dr Ghauri Ghandi, a senior medical officer from the Ministry of Health, supervises the vaccination programme at the centre with the assistance of Hishammuddin Yope Ismail from the Gombak District Office and eight medical officers, said the going has been smooth on the first day.

"There are a total of 70 frontliners working for 12 hours inside the PPV to ensure a smooth flow. Mandatory safety precautions include physical distancing of at least one metre between individuals, temperature and MySejahtera scanning at the main entrance," said Dr Ghauri.

She added that apart from MOH, and Gombak District Office, several Non-Government Organisations have also come on board in serving the PPV such as providing ambulance services.

A senior citizen who prefers to remain anonymous said he arrived with his eldest son at 10 am and was relieved and grateful that he has received his first dose of the vaccine.

"I did not have to wait long to get my vaccination. It was fast and a great relief. The staff here including RELA and APM were very helpful and polite. Senior citizens like me were told to drive through and I got off from the car in front of the vaccine centre," said the 63-year-old gentleman who resides near the vicinity of the UniKL BMI campus.



# UniKL MIAT, Sepang gets new synthetic football field

Universiti Kuala Lumpur Malaysian Institute of Aviation Technology (UniKL MIAT), Dengkil gets its own exclusive football field with synthetic turf that will allow players to train and play safely as Majlis Amanah Rakyat (MARA) Director-General, Dato' Azhar Abdul Manaf inaugurated the facility recently.

The inauguration of the football field was further complemented by a friendly match between UniKL FC and Pasukan Kelab Bolasepak Persada Integriti Bersatu (PIB FC) which saw UniKL FC won by a margin of 2-0.

The occasion became more momentous when UniKL FC was represented by VIP guests including Dato' Azhar, Chief Marketing and Planning Officer (CMPO) of UniKL, Dato' Amir Azhar Ibrahim and Dean of UniKL MIAT, Dr Mohd Hafizi Shamsudin in the friendly match.

"I think this initiative is good in providing the best facility for the students. I hope that this synthetic field can be put to good use by the students, which could further improve their performance in sports.

"With this facility, if possible, could pave the way for the students who represent UniKL in football, not only to play for the university but may be able to represent the state and subsequently the country. That is my hope," said Dato' Azhar.

Earlier, Dato 'Azhar completed the inauguration of the football field by kicking a ball towards the goal as the launching gimmick.

Also present, Chairman of UniKL, Prof. Emeritus Datuk Dr. Sukiman Sarmani, Deputy Director-General (Education) of MARA, Razlan Haji Samsuri, Deputy Director-General (Management Services) of MARA, Rohayah Mohd Zain, MARA Senior Director of Investment, Mohd Dias Abas as well as President and Chief Executive Officer of UniKL, Datuk Dr Roziah Omar.

The 6,000-square-meter field was originally in a less safe condition for football due to its hard ground surface and poor drainage.

Taking those risks into account, the renovation work on synthetic turf started on 15 August 2019 and completed on 4 January 2021.



# UniKL secures 3 Medallion of Excellence at WSMUC 2021



Universiti Kuala Lumpur (UniKL) continues to outshine its accomplishment in skills competition by winning three Medallion of Excellence at WorldSkills Malaysia University Challenge (WSMUC 2021) which concluded today.

The recipients, Muhammad Naufal Mohd Azhari and Nurnayli Athirah Mohd Azhan from UniKL Malaysia France Institute (MFI) have been honoured with Medallion of Excellence in the category of Mechanical Engineering CAD, while Irfan Badzlin Badrul Hisham (UniKL Malaysian Institute of Information Technology – UniKL MIIT) bagged the same award in Cyber Security.

For the record, they were competing with more than 50 participants including four international students from approximately 10 institutes of higher learning. The two-day virtual competition started on 27 to 29 October 2021 involving four contested fields in future skills namely Mobile Applications Development, Cyber Security, Mechanical Engineering CAD, and Building Information Modelling (BIM).

Meanwhile, Institut Latihan Perindustrian Kuala Langat, Kolej Kemahiran Tinggi MARA Kemaman, Tunku Abdul Rahman University College (TAR UC) and Universiti Teknologi MARA (UiTM) were nominated as winners in BIM, Mechanical Engineering CAD, Mobile Applications Development and Cyber Security fields, respectively. UniKL Deputy President

(International, Industrial & Institutional Partnership), Prof. Dato' Dr. Azanam Shah Hashim commended the winners on their performance as well as other participants who put forth their best efforts in the competition.

“Hopefully, the winning participants will be nominated to take part in higher level of skills competitions before qualifying to represent Malaysia at the WorldSkills Competition (WSC) Shanghai 2022.

“I am also delighted that WSMUC 2021 has received 55 participants for the four contested fields. However, I heard that some were disappointed as they were not able to take part in WSMUC 2021, as the registration date had closed.

“For the next edition, we recommend the organising committee to extend the registration period so that more entries can be accepted,” said him during the virtual closing ceremony of WSMUC 2021, today.

Also in attendance, Deputy Director General, Project Monitoring Office (PMO) Division at DSD, Mohd Yazid Awalludin; Head of Campus and Dean of UniKL MFI, Prof. Ts. Dr. Jamel Othman; as well as Deputy Dean International, Industrial & Institutional Partnership (IIIP) UniKL MFI, Mohd Zaki Mohamed. A maiden competition, WSMUC 2021 was organised by UniKL Malaysia France Institute (MFI) and Department of Skills Development (DSD).



# UniKL among 15 local universities seals MoU, MoC

Universiti Kuala Lumpur (UniKL) and 14 other local universities have signed the Memoranda of Understanding (MoUs) and Memoranda of Cooperation (MoCs) with PetroliaM Nasional Berhad (PETRONAS).

Under the effort called 'Collaboration with Higher Education Strategic InitiativeS (CHESS)', the collaboration aims at catalysing industrial-academic knowledge sharing for talent development and continuous progress which is in line with the company's sustainability goals.

The other involved universities are Universiti Tun Hussein Onn Malaysia (UTHM), Universiti Putra Malaysia (UPM), Universiti Utara Malaysia (UUM), Universiti Teknologi Malaysia (UTM), Universiti Sains Islam Malaysia (USIM), Universiti Malaysia Perlis (UniMAP), Universiti Malaysia Terengganu (UMT), Universiti Malaya (UM), Universiti Malaysia Sabah (UMS), Universiti Kebangsaan Malaysia (UKM), Universiti Teknologi Melaka (UTeM), Universiti Teknologi MARA (UiTM), Universiti Malaysia Sarawak (UNIMAS) and Universiti Sains Malaysia (USM).

The MoUs and MoCs signing will see the launch of a spectrum of programmes to facilitate learning and

coaching in a wider range of technical areas related to the energy industry.

UniKL President and Chief Executive Officer, YBHG Datuk Dr Roziah Omar said, the collaborative research and development activities between PETRONAS and UniKL researchers in the Environmental & Sustainable Energy, Chemical & Advanced Materials Engineering; and prospective consultancy projects are relevant to Green Technology & Renewable Energy as it is in line with the varsity's strategic direction.

"Recognising this, UniKL will continue to pursue continuous strategic renewal, innovation, and venturing initiatives whenever possible while fostering strategic collaborations on key promising areas with PETRONAS and other university collaborators within CHESS to build on the engineering, technical and entrepreneurial orientation postures.

"On the same note, we can once again hail the start of this collaboration and hope that it will progress from within the years to come. Teamwork and alliances are fundamental to a sustainable success within all collaborators," said YBHG Datuk Dr Roziah.



# Local universities with PETRONAS

YBHG Datuk Dr Roziah expressed her confidence that such agreements and collaborations will open up more opportunities to strengthen the university programme offerings in Malaysia, thus guaranteeing continuous improvement in building human capitals who are professionals.

For the record, PETRONAS Project Delivery and Technology Senior Vice President, Bacho Pilog and representatives from the universities exchanged the MoU/MoCs in Kuala Lumpur Convention Centre (KLCC), today. UniKL was represented by YBHG Datuk Dr Roziah and Director of Centre for Research & Innovation, Assoc. Prof. Ir. Dr. Mohd Khairil Rahmat.

Meantime, Bacho Pilog in a statement said that the state-owned oil firm always strives to create a positive social impact which is guided by its sustainability agenda.

“Talent development through education-related initiatives is among the channels we humbly contribute to nation-building and bring betterment to those we cross paths with. It is also hoped that the efforts will help build a sustainable talent pipeline for the industry amid a global energy transition.

“With the signing of MoUs/MoCs with 15 reputable institutions, we look forward to accelerating our momentum in creating positive social impact while supporting the Sustainable Development Goal (SDG 4) namely Quality Education,” he further noted.

**“UniKL will  
continue to  
pursue continuous  
strategic renewal,  
innovation,  
and venturing  
initiatives”**

# UniKL MSI and KTPC ink MoC to strengthen academia-industry relationship

Universiti Kuala Lumpur Malaysian Spanish Institute (UniKL MSI) and Kulim Technology Park Corporation Sdn Bhd (KTPC) have signed Memorandum of Cooperation (MoC) to develop collaboration in various potential areas.

This includes the sharing of available resources and expertise for education, talent pools, professional industrial programmes and industrialmanship initiatives.

The MoC was signed by President and Chief Executive Officer of UniKL, YBHG Datuk Dr Roziah Omar and Group Chief Executive Officer of KTPC, Tuan Haji Mohd Sahil Zabidi, in the presence of Senior State Executive Council Member, Industry & Investment Higher Education, Science, Technology & Innovation, Hons. Dato' Wira Dr. Ku Abd Rahman Ku Ismail and KTPC Head, Sales and Strategic Planning, Puan Nurliza Ahmad.

YBHG Datuk Dr Roziah said that the academia-industry relationship will further improve UniKL graduates' employability with UniKL MSI becoming the focal point to lead the initiative.

"This agreement is also in line with the 12th Malaysia Plan (12MP) in accelerating human capital development, especially in Kedah by establishing the cooperation between KTPC and UniKL MSI as well as other UniKL institutes.

"Under the MoC, UniKL will set up a blueprint that will outline not only a short-term strategy but beyond the goals set forth in 12MP that highlights strategic coordination between UniKL and Kedah for nation building, as a whole," said her after the MoC signing ceremony that was held in Kulim Hi-Tech Park (KHTP), Kulim, Kedah.

Also in attendance, Kulim District Majlis Amanah Rakyat (MARA) Officer, Mohammad Hassnan Hafiz Abdul Rahman; UniKL Chief Marketing and Planning Officer (CMPO), Dato' Amir Azhar Ibrahim; Director of UniKL Centre for Industrial Linkages (CIL), Ts. Dr. Zulfahfiz Tajudin; General Manager of Centre for Advancement & Continuing Education (ACE) and UniKL Resources Sdn. Bhd. (URSB), Encik Anuar Berahim; UniKL MSI Dean, Prof. Dr. Sazali Yaacob; and UniKL MSI Deputy Dean (International Industrial & Institutional Partnership), Ts. Dr. Mohd Shahrizan Yusoff.

KTPC is a developer and manager of KHTP, a premier and fully integrated high technology park neighbouring the state of Penang within the Northern Economic Corridor.





**Be dynamic and  
lead Malaysia to  
the betterment**

The fate of Malaysia's future now lies in youth; hence, the Minister of Rural Development (KPLB), Yang Berhormat Dato' Seri Mahdzir Khalid has urged the young generation to be dynamic in all aspects of life.

As the future of this nation can be challenging to predict, therefore, there is an urgency for the Malaysian youth to be knowledgeable and create more professionals as well as technocrats in all diverse industries, Dato' Seri Mahdzir further noted.

"The prosperity of this country can be realised if young people know the responsibilities and roles they play. If this generation is still relying on their family to survive, the future trajectory of Malaysia will get nowhere.

"Therefore, they must have the discipline to shape their lives and the nation, as well as be dedicated and knowledgeable. Among the university students, especially at UniKL, there must be leaders who dare to present new ideas to the university.

"The university can arrange any programme to empower students. But, it is the young people who need to come up with ideas to create a learning environment that is conducive for them," said him after officiating the 'UniKL Ministerial Talk Series' at UniKL Malaysian Institute of Aviation Technology (UniKL MIAT).

The 'UniKL Ministerial Talk Series' was organised by UniKL Campus Lifestyle Division (CLD) with the aim of providing exposure and sharing of experience on leadership apart from providing an opportunity for student leaders to communicate and engage with the Minister of Rural Development, in line with the spirit of 'Keluarga Malaysia'.

Prior to that, Yang Berhormat Dato' Seri Mahdzir Khalid undertook a 15-minute tour at two helicopter hangars of UniKL MIAT and then officiated the campus' Advanced Flight Simulation Centre for Aircraft Type Rating Training Programme for Boeing 737-800 aircraft.

For the record, the RM2.9 million simulator is the only B737-800 simulator operating in Malaysia apart from the one available at Malaysia Airlines.

Also in attendance, Ministry of Rural Development Secretary-General, YBhg. Dato' Ramlan Harun; Deputy Director-General (Education) of Majlis Amanah Rakyat (MARA), YBhg. Razlan Haji Samsuri; Executive Director of MARA Corporation Sdn. Bhd., YBhg. Dato' Suhaili Abdul Rahman; Chairman of UniKL, YBhg. Datuk Dr. Sukiman Sarmani; President and Chief Executive Officer of UniKL, YBhg. Datuk Dr. Roziah Omar; and President of UniKL Student Representative Council, Muhammad Faez Rashdan Mohd Rifae.

"To date, 67.8% of the UniKL MIAT students are from rural areas, and 85% of these students received MARA loans, which means most of them are from low-income families.

"At the same time, the employability of the graduates here (UniKL MIAT) is also high. I am looking forward to seeing more huge success of UniKL MIAT in the future. I assure you that the government will pursue the educational programme agenda under MARA," told him.

Notably, the campus has 2,233 students and 1,317 of them have enrolled in bachelor programme, 782 in diploma programme, 50 students in professional certificate, 49 in Pre-Russian programme, and 35 in postgraduate programme.



# UniKL-DSD to explore joint effort on alumni employability

Universiti Kuala Lumpur (UniKL) through its Center for Alumni and Career Services (CACS) and Centre for Advancement & Continuing Education (ACE) in collaboration with the Ministry of Human Resources' Accreditation Unit, Department of Skills Development will explore a joint effort on the technical university's alumni employability.

In an engagement session with the Accreditation Unit, Deputy Director of CACS, Ts Dr. Abdul Hadi Mohamad said that the joint effort includes potential training services to be provided to the varsity's alumni under the unit such as Sistem Latihan Dual Nasional (SLDN).

At the same time, he noted that the exchange of views session is also aimed at exploring the prospect of UniKL being one of the training universities for skills development.

"One of the objectives for today's engagement session is we want to open opportunities for our alumni to take part in skills training programmes under SLDN, precisely. This is not only for those who desire to land a job, but those who are seeking a career shift, hence we want to help them.

"The number of UniKL graduates for this year is expected to reach around 4,000 to 5,000 graduates; nonetheless, in terms of the total of graduates who will be attending the next convocation might reach 10,000 graduates," said him during the engagement session that was held at UniKL City Campus.

Also present, Director of Accreditation Unit Department of Skills Development at Ministry of Human Resources, Ts. Dr. Aruna Binti Ismail @ Abd Wahab; and Director of CACS, Azrul Hisyam Abdul Rahman.

On another note, under the Twelfth Malaysia Plan (RMKe-12), the government has identified Technical and Vocational Education and Training (TVET) as one of the game changers to meet the labour demand in the related industry.





To strengthen the TVET sector, the government will provide RM6.6 billion to implement various initiatives under the relevant ministries and agencies. Emphasis will be on meeting the current needs of the industry.

Accordingly, an additional allocation of RM200 million will be provided for collaboration with industries including the SLDN and industry certification programmes, under the Budget 2022.

For the record, UniKL's graduate employability percentage has increased to 96.1% in 2020, as compared to the previous year with 95.26% and these percentages are higher than the national average with 84.4%.

**“One of the objectives for today’s engagement session is we want to open opportunities for our alumni to take part in skills training programmes under SLDN”**

# UniKL MFI-France longstanding collaboration creates global-class talents in engineering technology

The long-established collaboration between Universiti Kuala Lumpur Malaysia France Institute (UniKL MFI) and France is believed to create more global-class talents from this nation in the field of engineering technology.

As the world is moving towards Fourth Industrial Revolution (IR4.0), the Chairman of Majlis Amanah Rakyat (MARA), YB Datuk Seri Panglima Hajah Azizah Datuk Seri Panglima Haji Mohd Dun believed the development of facilities and equipment for training purposes at UniKL MFI is also aligned with the real international industry standards.

In this regard, YB Datuk Seri Panglima Hajah Azizah said, the cooperative relationship between UniKL MFI with academic institutions and industry players in France should be retained to deliver the best learning and training to students in Malaysia.



“Through UniKL MFI, Malaysia has managed to establish good relations with France in the field of education and training. Based on my observation, UniKL MFI also undeniably has good quality of facilities and equipment that are comparable to other international universities and also keeps abreast of current technological developments.

“For example, currently, electric vehicle (EV) has gained world attention, and I am proud to note that UniKL MFI also has the same technology as part of the training and learning for students here.

“This is a good sign that Malaysia is moving in line with other countries and at the same time, students here can also be introduced to all modern technologies, especially in the field of automotive, air conditioning and new technologies developed at this institute,” said YB Datuk Seri Panglima Hajah Azizah after an official visit at UniKL MFI.



**“UniKL MFI also undeniably has good quality of facilities and equipment that are comparable to other international universities”**

During the visit session, she undertook a tour of the facilities and training centers available at UniKL MFI including welding, automotive, and air conditioning workshops. Apart from that, she also had a friendly session with a total of 72 Sijil Pelajaran Malaysia (SPM) 2020 graduates who have been qualified to enroll in the Pre-France Preparation programme.

The programme witnesses a total of 62 students who are sponsored by MARA, while another 10 received sponsorship from Jabatan Perkhidmatan Awam (JPA) to pursue their studies at universities in France in the fields of Engineering, Political Science, and Business Management.

Also present at the official visit session, MARA Director of Education Sponsorship, YBhg. Puan Siti Aminah Abdul Kadir; MARA Director of Investment and Subsidiary Development, YBhg. Encik Mohd. Halmishahril Ahmad Jamir; Board Member of MARA Corporation Sdn. Bhd. and Board Member of UniKL, YBhg. Dato’ Sri Megat D. Shahrizan Dato’ Zaharudin; MARA Selangor State Office Director, YBhg. Encik Mohammad Yatim; Acting Group Chief Executive Officer of MARA Corporation Sdn Bhd, YBhg. Encik Noor Irwan Marmin; UniKL Chairman, YBhg. Prof Emeritus Datuk Dr. Sukiman Sarmani; President/Chief Executive Officer of UniKL, YBhg. Datuk Dr. Roziyah Omar; UniKL Deputy President (Student Development & Campus Lifestyle), YBhg. Prof. Dato’ Dr. Khairanum Subari; and Dean of UniKL MFI, Prof. Ts, Dr. Jamel Othman.

Notably, UniKL MFI offers 23 programmes at Pre-France Programme, Diploma, Bachelor’s Degree, Master’s and Doctor of Philosophy (PhD) levels which specialise in the field of industrial maintenance and automation technology.

In 2020, UniKL MFI recorded 98 percent marketability rate of graduates despite facing the challenge of the Covid-19 pandemic.

# The earliest university to have a **Centre for Water Engineering Technology**

Universiti Kuala Lumpur (UniKL) through its Bangi-based institute, UniKL Malaysia France Institute (UniKL MFI) has become the earliest institution in Malaysia to have its very own Centre for Water Engineering Technology (CWET) to further enhance skill and knowledge for the existing and new workforce in the sector.

This came after the CWET academic building key was handed over in a closed ceremony yesterday, according to Head Of Section, UniKL MFI Water & Energy Section, Assoc. Prof. Dr. Engku Ahmad Azrulhisham Engku Mohamed.

He added, the new 35,000-square-foot CWET building is equipped with virtual, decentralised, real-time, and immersive laboratories that aim to nurture creativity and innovation.

Among housed within the CWET building is the Water Resources Management Laboratory, equipped with a state-of-the-art and IoT-based real-time water quality monitoring system which is developed in partnership with the French-based Veolia Group.

“Approved under the 11th Malaysia Plan (RMKe-11), the CWET offers the Bachelor of Engineering Technology in Automated Water and Wastewater Operation System (BET AWWOS) with Honours and the Bachelor of Engineering Technology in Water Engineering and Energy (BET WEEn) with Honours.

“These four-year engineering technology programmes emphasise on comprehensive understanding of general water engineering principles along with deep digital, complex problem-solving, collaboration, communication, interpersonal, and leadership skills at their core.



“The construction of CWET started in April 2019 and was completed in January 2021,” told him.

Also offered by the CWET is the Master of Science in Water and Hydropower Engineering which is a double degree programme jointly offered by UniKL and IHE Delft, which is based in the Netherlands. Students who successfully complete this programme will be awarded two Master Degrees from UniKL and IHE Delft respectively.

For the career opportunities benefit of future graduates, it is also vital that the programmes offered by the CWET have an appropriate standard and quality that will meet the needs of current and future employers, Assoc. Prof. Dr. Engku Ahmad Azrulhisham further noted.

Through accreditation by the Chartered Institution of Water and Environmental Management (CIWEM), the quality of the programmes is kept to the highest standard and on par with most universities in the world.

For the record, the job market of the water sector is shifting to higher educational requirements. Nearly 75% of new job openings in the water sector require a bachelor’s degree.

However, only 25% of the existing labour force has the educational qualification, resulting in difficulties for transition to high-income industry, as per the Economic Report 2009 / 2010, Ministry of Finance.

Hence, in September 2021, UniKL MFI began offering both Bachelor’s Degree and Master of Engineering Technology (Water Engineering and Energy) with a record enrolment of 18 students, to date.

The new degrees offered by the CWET is one of the most innovative, interdisciplinary offerings in the country and will position graduates for a wide spectrum of careers in private industry, federal and state agencies.

The study of emerging Fourth Industrial Revolution (IR4.0) technologies offered in the programme also provides opportunities both inside and outside the field of the water sector.

“Understanding the deep digital, advanced automation, autonomous UAV, and data analytics can help students even if they enter other fields including precision agriculture, connected smart cities, intelligent factories, and other careers demands for well-versed knowledge in disruptive technology.

“By means of adapting engineering technology education to the IR4.0 vision, the establishment of CWET is not merely to usher graduates into current jobs but to develop employees of the future, and enable some of them to power the next-generation industries.

“Taking everything into account, it is essential for UniKL as the leading entrepreneurial technical university in Malaysia to initiate, support, and train the future-ready “digital employee”,” Assoc. Prof. Dr. Engku Ahmad Azrulhisham explained.



# UniKL now a subsidiary of MARA Corporation

Universiti Teknikal MARA Sdn. Bhd, the operator of Universiti Kuala Lumpur (UniKL) is now a wholly-owned subsidiary of MARA Corporation Sdn. Bhd., effective on 1 November 2021.

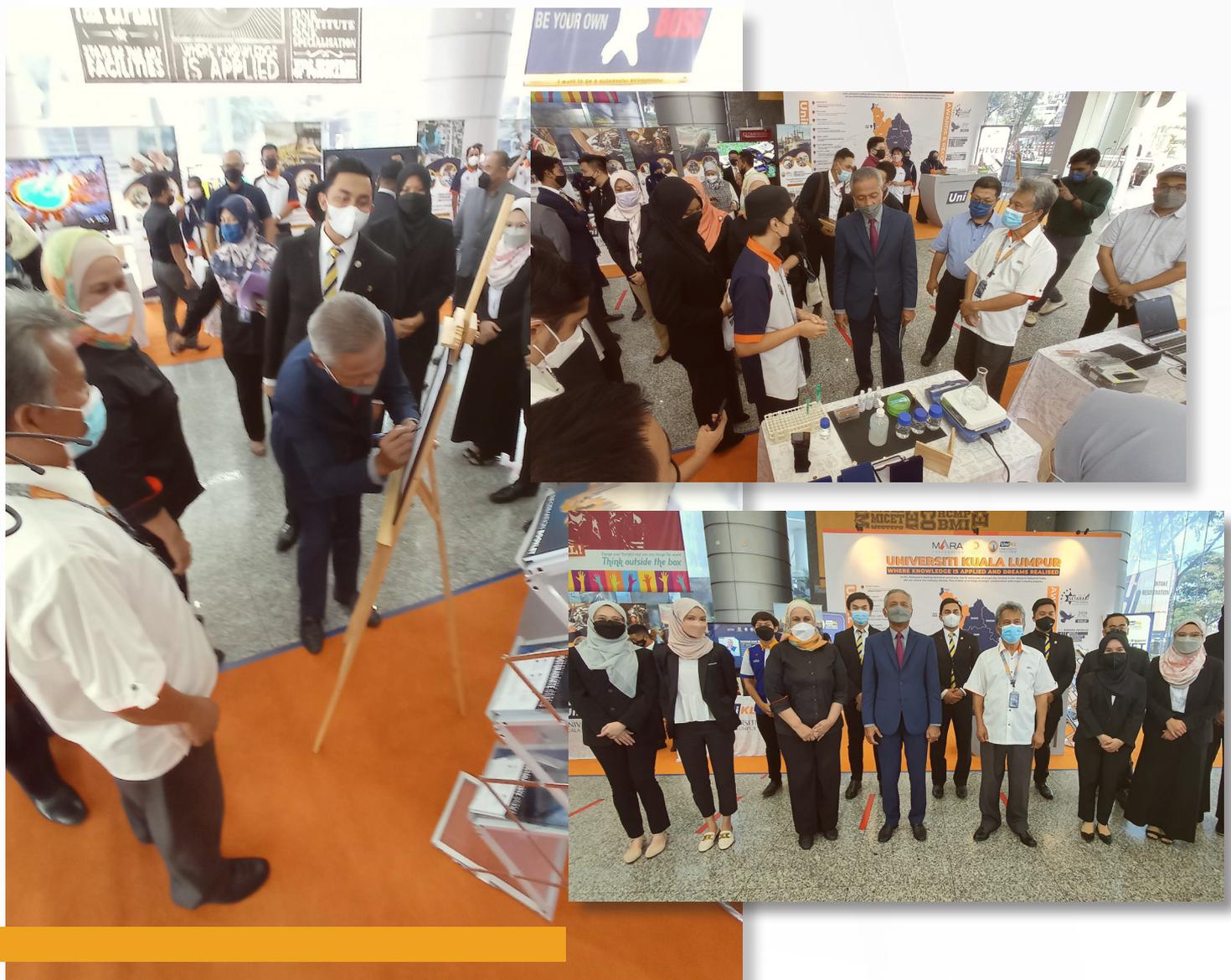
MARA Corporation's acquisition of the largest private technical university in Malaysia aims to provide competitive and efficient centralised services to its subsidiary's ecosystem, among others.

Before the takeover, UniKL was wholly owned by Majlis Amanah Rakyat (MARA) and given the mandate to upgrade the status of technical education in Malaysia by the government.

Notably, the technical university was established with the original name of Universiti Teknikal MARA on 20 August 2002 before being renamed to UniKL in 2003.

Rated as a Tier-5 "Excellent University" by the Ministry of Higher Education (MoHE), UniKL is the biggest 'Government Linked University' or GLU in the country in terms of enrolment with over 21,000 students.

There are 13 institutes and 12 campuses strategically located nationwide offering more than 140 programmes starting from foundation, diploma, undergraduate and postgraduate studies.





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