

RESONANCE

SEPT - DEC 2022 | ISSUE 68 | ISSN 1675-7270



UNIVERSITI
KEBANGSAAN
MALAYSIA
*The National University
of Malaysia*

Graduates Must
Prepare to
Face Workplace
Challenges

RESONANCE

EDITORIAL TEAM

Chief Editor

**Mej. Bersekutu (PA) Prof. Madya
Dr. Shazli Ezzat Ghazali**

Deputy Chief Editor

Dr. Azianura Hani Shaari

Executive Editors

Murniati Abu Karim

Journalists

**Asmahanim Amir
Siti Aishah Mohd Yusof**

Publication Support

Mohd Noor Ramly

Designer

Sharmiza Zan

Photographer

**Centre for Corporate Communications
Photo Unit**

EDITORIAL TEAM

Universiti Kebangsaan Malaysia is one of Malaysia's premier research universities. Its astounding and renowned presence in the academia is reflected through the various contributions it has made to the society, remarkable research that its researchers take part in and the many cooperation it has with the industry. Flip through the pages to read about UKM's prestigious achievements in research, publications, students and staff related activities. Happy reading.

RESONANCE, UKM International Bulletin is published every four months by the Centre for Corporate Communications, Universiti Kebangsaan Malaysia.

Articles are welcomed and can be sent to:
pkk@ukm.edu.my

Message from the Vice-Chancellor

PROF. DATO' Gs. TS. DR. MOHD EKHWAN HJ. TORIMAN



Alhamdulillah, we have recently celebrated a historic occasion that marks the 50th convocation ceremony of our university. Congratulations to all graduates and the newest members of our alumni. You've made it! The future may seem daunting, but I believe that this university has prepared you emotionally and socially throughout the years. We are proud to send all graduates into the real world to serve as doctors, teachers, engineers, architects, entrepreneurs and many other important roles in the workforce.

As you leave this *Universiti Watan* with a degree in your hands, know that you will always be part of the UKM family. You will be joining our pool of esteemed alumni of 222,197 members. No matter where you go or what your profession may be, this campus will always welcome you to contribute back to its community. So, stay connected with our Alumni Centre as your careers and lives expand. I hope that you carry the university's name, and carry it well in your hearts and minds.

As one chapter ends, another begins. In October, we have welcomed 4,166 new students for the 2022/2023 academic session at our three campuses in Bangi, Kuala Lumpur and Cheras. As you commit to study at UKM, know that the entire university community is here to support, sustain, and encourage you. This time, a total of 1,460 students have enrolled, with approximately 36 percent of them are from the low-income groups (B40) and five students with various disabilities such as hearing impairments, visual impairments, and physical disabilities. We could not be more privileged to welcome you into this vibrant learning community.

Another year is coming to an end. I can say with pride that we have a track record of stellar accomplishments and successes. Let us hope that the year 2023 will bring a ray of excellence and happiness to this *Universiti Watan*.

Happy New Year and all the best!

CONTENT

06

Graduates Must Prepare to Face Workplace Challenges

08

Golden Jubilee Convocation: 'Alumni Emas, Aspirasi Watan'

10

Disability No Obstacle to Higher Education Success

12

Crème de la crème

14

Personalised Credit and Debit Cards for UKM Alumni

16

UKM Welcomes New Students



18

The Right Coping Strategies Can Reduce Stress

20

Korean Cancer Therapy Technology Adaptation

22

The Royal Commissioning of PALAPES

24

WALS 2022 Gathers Education Experts from All Around the World

26

Celebrating 25 Years – HCTM



Graduates Must Prepare to Face Workplace Challenges

By Murniati Abu Karim

NARATIF BAHARU UKM
**UNIVERSITI
WATAN KITA**

2 BERSAMAAN 1 - 6 JAMADILAWAL 1444
DEWAN CANSOLOR TUN ABDUL RAZAK

5
#138
THE
2022

MAJLIS مجلس كونيوكيشن اونيزرسي تي كبغسان مليسيا
KONVOKESYEN
UNIVERSITI KEBANGSAAN MALAYSIA





The Yang di-Pertuan Besar of Negeri Sembilan, Tuanku Muhriz Tuanku Munawir reminded graduates to be prepared in every aspect to face the increasingly challenging working environment.

Tuanku Muhriz, who is also the Universiti Kebangsaan Malaysia (UKM) chancellor, urged the graduates to prepare themselves physically and mentally as many were being laid off, and even several job opportunities offered did not match their skills and level of education.

“As a fresh graduate, you will not only compete with each other, but you also have to compete with those who have experience, to find employment.

“UKM has taken into account all the latest factors and changes in devising various initiatives to help graduates be better prepared when dealing with future challenges,” he said at the UKM 50th Convocation Ceremony.

He also said that among the initiatives that need to be emphasised by the graduates are skills in the field of entrepreneurship and knowledge in the field of information technology.

“All UKM graduates and alumni should serve the university, community and the country,” he said.



Golden Jubilee Convocation: 'Alumni Emas, Aspirasi Watan'

By Murniati Abu Karim





Universiti Kebangsaan Malaysia (UKM) celebrated a total of 7,961 graduates in the 50th UKM Convocation Ceremony held from 26 November to 1 December 2022.

Themed '*Alumni Emas, Aspirasi Watan*', Prof. Dato' Gs. Ts. Dr. Mohd. Ekhwan Toriman said that the university had produced many quality alumni since its establishment 52 years ago.

"Thus far, UKM has produced a total of 222,197 alumni. We are proud to have our alumni in every sectors in the workforce, filling important positions be it in the government or the private institutions.

"This convocation ceremony is held with the presence of parents and families in the hall. Previously, only prospective graduates were allowed to be in the hall without being accompanied by their parents or family members," he said.

Mohd Ekhwan also said that the convocation ceremony also witnessed four individuals receiving the Honorary Doctor of Philosophy Degrees, namely Tan Sri Dr Palaniappan Ramanathan Chettiar, Sir Mark Moody-Stuart, Datuk Dr Siti Zainon Ismail and Prof Dr Edward Yi Cha.

Disability No Obstacle to Higher Education Success

By Murniati Abu Karim



The success of 11 graduates with disabilities who received their degrees at the recent 50th Universiti Kebangsaan Malaysia (UKM) convocation ceremony proves that impairment is never an obstacle for them to excel in their studies.

The ability of Mohamad Hafizzudin Mohd Fadeli, 30, a Master's degree graduate in plant biotechnology dispels negative perceptions that visually impaired persons like him cannot succeed in the field of science.

Mohammad Hafizzuddin, a teacher in a private school, had lost 80 per cent of his vision in 2008 due to glaucoma and was registered as legally blind in 2010.

Wheel-chair bound Nur Ashikeen Iqbal, 32, who has completed her Master of Business Administration (MBA), was also determined to further her studies despite being paralysed from the waist down after a hit-and-run accident 14 years ago.

She said a positive attitude to continue succeeding in life and focusing on personal gains became the driving force behind her success.

Wan Abdul Hasib Wan Arif, 24, who is visually and speech impaired and who also completed his MBA, admitted that the group presentations were one of the biggest challenges as he had difficulty speaking clearly.

However, he refused to give up and used the text-to-speech application as a tool for the presentations and proved that he did not have to be too dependent on others.



"I have never regretted what God has decided for me, in fact I will continue to be positive to continue to succeed in life and focus on the advantages that I have."

- Nur Ashikeen Iqbal

"When I decided to study science, everyone doubted me and said that this field is very difficult for people with disabilities, but this was not an obstacle for me to succeed."

- Mohamad Hafizzudin Mohd Fadel



"I intend to do my doctorate (PhD) with the aim of helping people with disabilities in the field of education and also in the employment sector depending on their abilities."

- Wan Abdul Hasib Wan Arif



Crème de la crème



ANUGERAH EMAS KEDOKTORAN
Mohamad Rohieszan Ramdan
Faculty of Economics & Management

His research aims to provide small and medium-sized enterprises (SMEs) with solutions for promoting their sales through digital platforms such as Shopee and Lazada using appropriate methods. This study's findings have become a valuable resource for SMEs.

Following the research, he plans to publish a book titled '*Anda nak Berniaga, Tapi Tak Tahu Cara?*' as a resource for small and medium-sized businesses interested in experimenting with digital marketing.



ANUGERAH EMAS KEDOKTORAN
Fatin Hanani Mazri
Faculty of Health Sciences

The SLIMSHAPE™ Chrono module developed from her research findings can assist more people who are overweight or obese. The weight loss module incorporates elements such as portion control, meal planning, exercise, self-motivation, and sleep hygiene. Not only did the study participants lose weight after three months, but their body fat percentage, blood pressure, and late night eating syndrome also decreased.



ANUGERAH EMAS SARJANA
Mohamad Farhan Mohamad Amin
Faculty of Health Sciences

The majority of osteoporosis-related bone density loss does not manifest until a bone fracture occurs.

His research found that CT scans (computed tomography) can detect changes in bone density earlier, lowering the risk of brittle bones or osteoporosis.

Not only this study can raise awareness but also reduce the number of osteoporosis patients by implementing early preventive measures.



ANUGERAH PELAJARAN DIRAJA
Muhammad Khairul Izzat Haridan

Faculty of Science & Technology

Khairul Izzat is a GMT Group Engineering geologist.

His academic achievements were recognised internationally when he received the Asia Petroleum Geoscience Conference and Exhibition Best Student Award. He was also the first UKM student to receive the American Association of Petroleum Geologists (AAPG) Foundation's L. Austin Weeks Undergraduate Grant.



ANUGERAH PELAJARAN DIRAJA
Lee Jun Xin

Faculty of Medicine

Lee was the vice president of the UKM Faculty of Medicine Student Association, a Global Education Exchange in Medicine and Health Professions ambassador, and a research officer at the Department of Paediatrics.

In addition to excelling in academics, Lee is also active in sports, participating in a variety of extracurricular activities.



ANUGERAH TUN ABDUL RAZAK
Muhammad Ammar Sahazubir

Faculty of Social Sciences and Humanities

Ammar has represented UKM in numerous debate competitions throughout his studies. Recently, the team finished as runner-up in the Royal Debate Competition between Higher Education Institutes.

Ammar was also named as Best Debater Award in the Final Round in the participating debate competitions such as the Darul Takzim Debate Tournament, Mekar Siswa Debate, and Consumerism Debate Between Higher Education Institutes.



ANUGERAH NAIB CANSELOR
John Sebastian Tunggolou

Faculty of Education

John currently works for the Ministry of Tourism, Arts, and Culture as Felo Perdana. During his studies, he served as Yang di-Pertua of the Anti-Corruption Student Group and Deputy Chief Executive of Burhanuddin Helmi College.

He named his grandparents as inspiration to carry on the family's legacy as teachers.



Personalised Credit and Debit Cards for UKM Alumni

By Murniati Abu Karim

The new Affin UKM Alumni co-brand credit and debit cards are designed exclusively for the Universiti Kebangsaan Malaysia (UKM) community, including its alumni and associate alumni.

Deputy vice-chancellor student affairs Associate Professor Dr Mohd Suzeren Md Jamil said in conjunction with the upcoming UKM 50th convocation ceremony, these cards were made specifically to honour and show appreciation for the alumni.





“It is introduced to highlight the identity of UKM alumni and to represent their life-long association with their alma mater.

“Through these cards, UKM alumni are eligible to receive various benefits offered by both Affin Bank and the university such as fee reductions for graduate registration, use of sports facilities, UKM library membership, use of research laboratories, and a variety of other privileges,” he said.

Affin Bank president and group chief executive officer Datuk Wan Razly Abdullah said such a collaboration is a testament to Affin Bank’s commitment to reach out to a wider segment of customers, in the hope of making their banking experience more convenient, accessible, and personalised.

UKM Welcomes New Students

By Asmahanim Amir

Universiti Kebangsaan Malaysia (UKM) welcomed 4,166 new students to its three campuses in Bangi, Kuala Lumpur, and Cheras for the 2022/2023 academic session.

Vice Chancellor, Prof. Dato' Gs. Ts. Dr. Mohd Ekhwan Toriman said that UKM received 44,750 applications, with 9,112 being applicants' first choice.

"Of that number, only 4,166 are eligible and selected to join the UKM family," he explained.

He stated that of that total, 1,460, or approximately 36 per cent, were students from low-income families (B40) and five students with disabilities who were hearing, visually, and physically impaired.

"We have made every effort to provide appropriate facilities, housing, and student welfare assistance to ensure the comfort of all students," he added.

This year, UKM's *Minggu Mesra Mahasiswa*, which is held every year, has been renamed *Minggu Apresiasi Watan* to reflect UKM's credibility as the national university.





A Joy that is Shared is a Joy Made Double

Identical twins, Alisya Emilie Azman and Juwana Amanie Azman are thrilled to continue their studies at UKM.

The twins, who will enroll in the Faculty of Law, stated that the reason they decided to continue their studies at UKM is because it is one of the best universities offering law courses in Malaysia.

"It is our dream to continue study at UKM until the PhD level," said Alisya Emilie who is the 'elder' twin.



The Right Coping Strategies Can Reduce Stress

By Siti Aishah Mohd Yusof





Proper and appropriate coping skills can help employees deal with stress effectively, according to Prof. Dr. Noor Hassim Ismail, Lecturer at the Community Health Department, UKM Faculty of Medicine.

He asserted that dealing with stress at work is a natural part of being an employee. What matters is how they manage or mitigate the negative effects of stress on their mental and physical health.

"An employee typically works at least eight hours per day, not including commuting time to and from work; some must work overtime, and while they work, they are exposed to various workplace hazards. As a result, they are susceptible to stress.

"The effects of stress may not always be negative; they may even be constructive if the demands or requests can be fulfilled.



On the other hand, if existing demands or requests cannot be met, stress will have a negative impact," he said.

He added that there are two ways to deal with stress in general – an active coping strategy in which the employee tries to reduce all the factors that come from themselves, and a passive coping strategy in which those who are faced with stress try to eliminate the problem or use the wrong way to deal with stress.

Korean Cancer Therapy Technology Adaptation

By Siti Aishah Mohd Yusof



Universiti Kebangsaan Malaysia (UKM) through the Centre for Tissue Engineering and Regenerative Medicine (CTERM), Faculty of Medicine signed a Memorandum of Agreement (MoA) with NK Biocell Sdn. Bhd. to conduct a joint study to reproduce tissue cells adapted from Korean technology.

The NK cell immune cell therapy research 'MYJ1633', is a Korean biotechnology that aims to develop cell therapy that works to kill cancer cells.

Once the study's findings are approved, it will be marketed in Malaysia for the treatment of cancer patients.

According to Deputy Vice Chancellor (Research & Innovation), Prof. Dato' Dr. Wan Kamal Mujani, NK Biocell Sdn Bhd has successfully transferred NK Cell immune therapy technology with Korean technology to Malaysia in 2021, and this technology will be used for cancer treatment.

Meanwhile, the Chief Executive Officer of NK Biocell Sdn. Bhd. Dr. Park Ji-Youn expressed hope that the study's findings would benefit Malaysians, particularly cancer and autoimmune patients.



UKM hopes that this collaboration will pave the way for more research on the treatment of various types of diseases that can be manufactured in a certified good manufacturing practices (GMP) laboratory with the participation of CTERM UKM.



The Royal Commissioning of PALAPES

By Asmahanim Amir

The Regent of Pahang, Tengku Mahkota Tengku Hassan Ibrahim Alam Shah Al-Sultan Abdullah Riayatuddin Al-Mustafa Billah Shah graced the 40th Public University PALAPES Cadet Officers' Royal Accreditation Ceremony at Dewan Gemilang, Universiti Kebangsaan Malaysia (UKM).

The passing out parade, which involved 1,625 cadet officers comprising 16 units from 19 public universities throughout Malaysia, was led by senior cadet officer Muhammad Badrul Amin Amanti, who also was named UKM's Best Cadet Officer during the commissioning ceremony.

A total of 34 people received the Sword of Honour award for best overall cadet.

Tengku Hassan Ibrahim later presented certificates to 1,024 Malaysian army cadet officers, 277 Royal Malaysian Navy cadet officers and 324 Royal Malaysian Air Force cadet officers.

The PALAPES Cadet Officers Royal Accreditation Ceremony is a yearly event but it was not held in 2020 and 2021 due to the Covid-19 pandemic.





PALAPES was established as a training facility for public university students. Its establishment is one of the Malaysian Ministry of Defense's national programmes in charge of training future officers from IPTA on aspects of military science.



WALS 2022 Gathers Education Experts from All Around the World

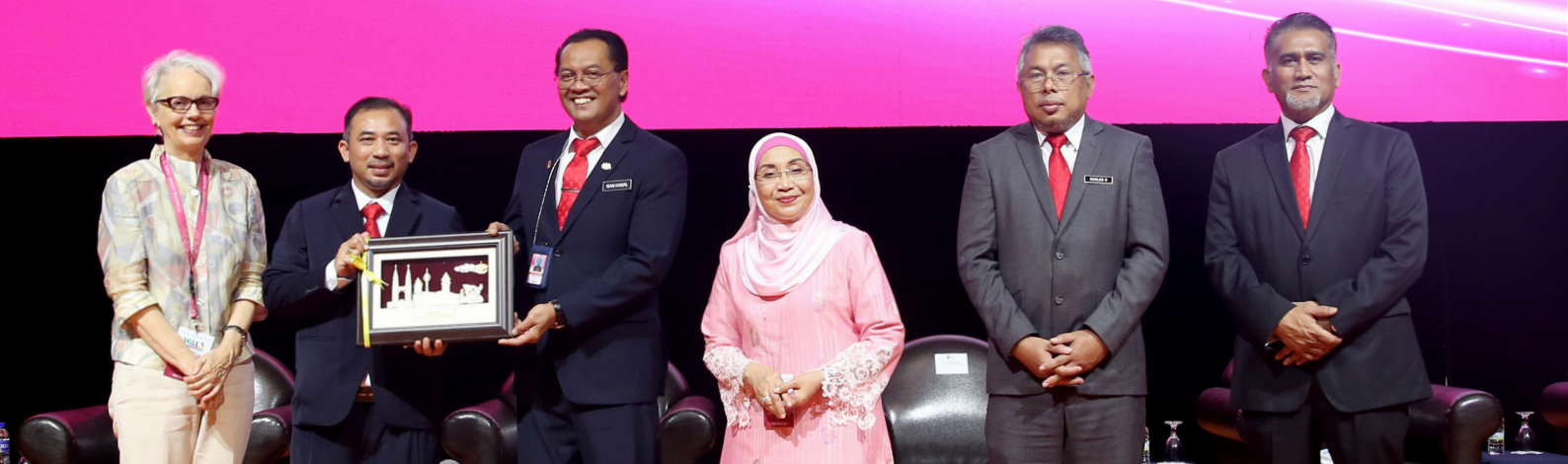
WALS 2022
World Association of Lesson Studies

22 SEPTEMBER 2022

Deputy Vice Chancellor Tun Abdul Razak (DECTAR)
Universiti Kebangsaan Malaysia (UKM)

"Creating Lesson Study in Sustaining Community and Providing Quality Education"

By Asmahanim Amir



World Association of Lesson Studies 2022 Conference (WALS2022) organised by the Faculty of Education, Universiti Kebangsaan Malaysia (UKM) in collaboration with The World Association of Lesson Studies had gathered 756 participants from 31 countries.


The conference's goal is to preserve the practise of research and teaching while also serving as a platform for collaboration among teachers in the enhancement of the Professional Learning Community.

Deputy Vice Chancellor, Research and Innovation Affairs, Prof. Dato' Dr. Wan Kamal Mujani said that the programme, in addition to spreading knowledge globally, creates

opportunities for friendly relations between public and private institutions in Malaysia and around the world.

He stated that UKM and the Malaysian Ministry of Higher Education always support the United Nations Sustainable Development Goals (SDGs), with a focus on the fourth SDG, Quality Education.

"When we examine the conference's sub-theme, we must understand how much emphasis was placed on both theoretical and practical aspects such as methodology study, teacher training, and professional development.



"Malaysia truly values education as an aid to becoming a developed country in facing challenges and economic demands that are driven by STEM (Science, Technology, Engineering, and Mathematics)," he added.

Aside from STEM, the organisers also included a special education issue discussion in the conference so that special needs students would not fall behind in their education.

Celebrating 25 Years – HCTM

By Asmahanim Amir

Hospital Canselor Tuanku Muhriz (HCTM) celebrated the silver jubilee commemorating years of great success.

HCTM has grown into a teaching hospital under the Ministry of Higher Education since its inception 25 years ago, producing hundreds of medical experts in the country and abroad.

The ceremony also saw Yang di-Pertuan Besar Negeri Sembilan Darul Khusus, Tuanku Muhriz Ibni Almarhum Tuanku Munawir, Chancellor of UKM launched the Tuanku Chancellor's Ward at the hospital.

Among HCTM's accomplishments is the Advanced Surgical Skills Center, which became the first surgical skills training centre outside of the United Kingdom to receive five-year accreditation from The Royal College of Surgeons of Edinburgh until April 2027.

In addition, the Advanced Reproductive Center became Malaysia's first Oncofertility Referral Center, providing cancer patients with gamete and ovarian tissue freezing services.

This centre, which also serves as a training ground for reproductive specialists, has so far produced a large number of reproductive specialists in Malaysia and abroad.





HCTM currently has 3,920 employees, 1,054 active patient beds, 12 specialist clinics, five day care centres, 47 wards, 27 operating theatres, and seven centres of research excellence.

HCTM has treated over 6.5 million patients over the course of its operation, with an annual average of 212,720 patients.





NARATIF BAHARU UKM **UNIVERSITI** **WATAN KITA**



@UKMOfficial
@ukminsta
@ukm_my
@ukmevents
@ukmtubes
@universitikebangsaanmalaysia
@ukmtiktok

Centre for Corporate Communications
Universiti Kebangsaan Malaysia
43600 UKM, Bangi Selangor, Malaysia
☎ +603 8921 5540/3370/4142 ☎ +603 8921 4097
✉ pkk@ukm.edu.my



CENTRE FOR CORPORATE COMMUNICATIONS • UKM

ISSN 1675-7270



9 771675 727004