Inspiring Futures, Nurturing Possibilities

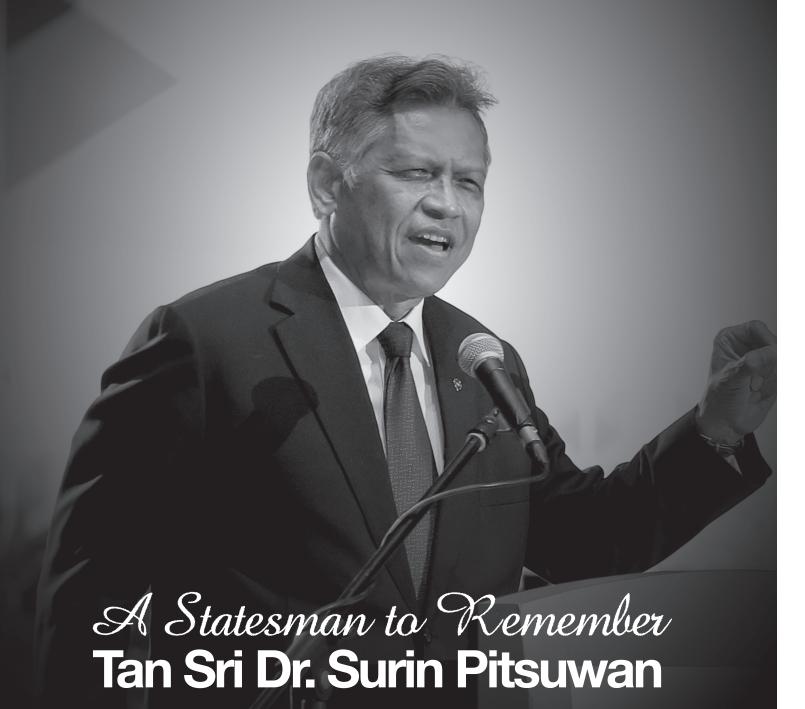




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- filled with numerous achievements and successes. It has been an honour for us to be able to publish and document these remarkable accomplishments in Resonance. Thank you for sharing your stories with us. We hope it has touched or inspired our lovely readers. Here's to a great new year!

Editorial Team



Message from the Vice-Chancellor

UKM lost a great friend last November. A prolific statesman, Tan Sri Dr. Surin Pitsuwan has always had the future of the ASEAN community in his heart. In his most memorable talk in UKM, he explored and discussed the effect of cronyism and elitism, which he believed had characterized the ASEAN political and economic landscape.

I am truly inspired with his dedication and devotion in creating a better future for ASEAN. This is the spirit I hope to see inculcated among everybody in UKM because, as the national university, we need to play our role as the guardian of the nation.



It is important to remember to do research, not because of KPIs and popularity, but to create a better tomorrow. Discover the potentials of our students and showcase their red umbrella, not because of fame and fortune, but for them to inspire and motivate others to achieve greater heights.

A lot of community engagements, remarkable research and notable wins have been achieved this year. It has indeed been a great year for UKM but I am pretty confident that 2018 would be more amazing.

Prof. Tan Sri Dato' Seri Dr. Noor Azlan Ghazali



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Intelligent Weather Station and Flood Warning System (iWarner), developed by Universiti Kebangsaan Malaysia (UKM) Deputy Vice-Chancellor of Research and Innovation, Prof. Dr. Hj. Mohd. Ekhwan Toriman is a system which provides warning if there is flood in one area.

Prof. Dr. Hj. Mohd. Ekhwan said the system was developed in 2015 after getting a top down grant from the Ministry of Higher Education (MoHE) for the preparation of a paper on 2014's major flood which occurred in Kuala Krai, Kelantan.

The grant, provides a pathway for UKM to collaborate with industries and stakeholders, including the National Disaster Agency Malaysia (NADMA), National Security Council (MKN) and Department of Irrigation and Drainage (DID).

This grant focuses on two aspects, namely the preparation of disaster control systems, in particular floods and warning systems against natural disasters. The idea for iWarner came up after observing the flooding problems which Universiti Sultan Zainal Abidin (UniSZA), Gong Badak has been facing for almost 35 years.

iWarner was made in line with the design of the flood catchment pond that Prof. Dr. Hj. Mohd Ekhwan made in 2014, which helps to manage the excess of water, especially in Kuala Nerus. iWarner is an example of a collaborative research between UKM's School of Social Development and Environment and UniSZA's Faculty of Information Technology and Institute of Environmental Research of East Coast (ESERI).

The innovative system has been installed in some areas, including UniSZA campus, Kuala Nerus and some areas in Tawau, Sabah. In the future, iWarner will be combined with the national flood information system and can be accessed through the system developed by NADMA and DID, which will encompas several elements such as sensors for discharge water and flood water quality.

Users can access the iWarner through their respective smart phones via www.iwarner. robopro.org.

The main feature of iWarner is the ability to provide information in advance to people exposed to the flood disaster and give them the opportunity to move to the location designated by the authorities. It is not expensive and has security features as well as high specification in sensing the flow of flood water.



KITA-UKM **Upgraded** as a National Institution

The Institute of Ethnic Studies (KITA) at UKM was handpicked by Malaysia's Prime Minister Dato' Seri Mohd. Najib Tun Abdul Razak, to be upgraded as a National Institution.

The upgrade will see the institute coordinating





nationwide studies to identify and assess the socio-economic situation across Malaysian community, as an initiative to address social problems more effectively. KITA will also be establishing a national social development index.

Director of KITA, Prof. Ulung Datuk Dr. Shamsul Amri Baharuddin said family is the core element of social integrity and believes that all social problems can be attributed to one's family background. Therefore, the move by government to recognise KITA as a National institution is timely, as more research pertaining to the issue can be conducted.

The announcement on the upgrade of KITA as a national institution was made when the Prime Minister, Dato' Sri Mohd. Najib Tun Abdul Razak tabled the national budget, last October.

UKM, the first University in Malaysia to Produce Artificial Kidney



UKM is the first university in Malaysia to produce an artificial kidney, as an initiative to help treat kidney failure patients. Institute of Microengineering and Nanoelectronic (IMEN) Director, Prof. Dato' Dr. Burhanuddin Yeop Mailis said that this is the culmination from the research done by experts from IMEN and UKM Medical Centre (UKMMC) since 2014.

Creating an artificial kidney which truly mimics the real organ was challenging for the team as kidney is a complex organ which has seven functions. Thus, the team focused on one of its main function: filtering blood from excretions by utilising nanotechnology applications.

According to Prof. Dr. Burhanuddin, the research involved a substantial amount of cost, which amounted to RM 5 million.

Meanwhile, UKM Vice-Chancellor, Prof. Tan Sri Dato' Seri Dr. Noor Azlan Ghazali said UKM is very serious and committed in this endeavour to help patients undergo normal life without having to rely on dialysis. UKM also strongly hopes that private companies in Malaysia are able to channel funds and collaborate in the development of this research.



World's Smallest OSA Treatment

Device Launched at UKMMC

Hospital Canselor Tuanku Muhriz (HCTM), Universiti Kebangsaan Malaysia Medical Centre (UKMMC) was recently handpicked to launch the world's smallest

device which is said to be able to treat Obstructive Sleep Apnoe (OSA).

Weighing merely 300 grams, the AirMini Continuous Positive Airways Pressure (CPAP) Machine is lauded as the most effective device for treating OSA, which causes one to stop breathing in their sleep.

According to UKMMC ENT Senior Consultant Prof. Dato' Dr. Abdullah Sani Mohamed, this is the first

time, a significantly small device was introduced in Malaysia as most machines in the market are large and weighs about 1.4 kilograms.

The small and light Air Mini CPAP is portable and can easily be brought on one's travels. It can also be used in an aircraft because it is quite



and will not interfere with other passengers. Another advantage of this machine is that it can detect the number of times a patient stops breathing at night and this information can be stored in smart phones.

UKMMC was selected to launch the machine because UKMMC has a very complete and comprehensive facilities to treat OSA patients.

He added that, a person can be diagnosed with OSA when they experience symptoms such as loud snores, sleepy and drowsy during the day, lethargic, unable to concentrate on the tasks, mood swings and terrible headaches.

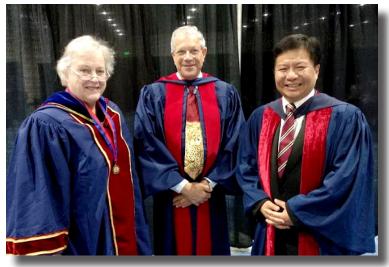


Assoc. Prof. Dato' Dr.Hanafiah Harunarashid, Head of UKM Advanced Surgical Skills Centre (ASSC), was awarded the distinguished Fellowship of the American College of Surgeons, during the College's 2017 Annual Clinical Congress in San Diego, recently.

Also the current Malaysia College of Surgeons President, Assoc. Prof. Dato' Dr. Hanafiah received the award in recognition of his professional accomplishment and his commitment to scholarship & lifelong learning.

This is the second international fellowship award that Assoc. Prof. Dato' Dr. Hanafiah received this year.

In 2015, Assoc. Prof. Dato' Dr. Hanafiah was the recipient of the Royal College of Surgeons of Edinburgh (RCSEd) International Medal. The first Malaysian to receive this prestigious honour in the 500-year history of the Edinburgh College, his expertise was initially recognized by the college when he was appointed as an international Surgical Adviser of the RCSEd.



He was awarded the Singapore Academy of Medicine Fellowship, last July, for the crucial role he played in improving surgical training in the region and his extensive and global surgical networking.

He was also a key member of the Malaysian team that successfully bid for the World Congress of Surgery 2021 in Basel, Switzerland recently.



UKMMC Orthopaedic Surgeon Bagged 3 Golds at International Trade Fair IENA 2017

Assoc. Prof. Dr. Mohd Yazid Bajuri's innovative creations bagged three gold medals at the International Trade Fair IENA 2017 in Germany, recently.

A UKMMC orthopaedic surgeon who specialises on foot and ankle, Assoc. Prof. Dr. Mohd. Yazid won gold medals for his innovation: MyAnkleTM, Development of Bone Scaffold Using Rapid Prototyping System Integrated with Tissue Engineered Cells and My Ankle Fixator.

MyAnkleTM is a digital templating software which helps orthopaedic surgeons to be more precise and accurate in performing ankle replacement procedures. The utilisation of the special computer software is said to be able to significantly reduce costs of operations and speed up the surgical procedure.

Assoc. Prof. Dr. Mohd Yazid has also obtained UKMMC's consent to use his inventions on patients. For instance a patient has benefitted from his bone scaffold invention, recently. The innovation helps to correct bone defects by acting as a bridge for newly cultured bone cells to communicate.

My Ankle Fixator, meanwhile, is an innovation which helps to mobilise joints for newly operated ankles

(ankle iron). It consists of a piece of iron placed near the ankle which also simultaneously treats wounds.

MyAnkleTM and Development of Bone Scaffold Using Rapid Prototyping System Integrated with Tissue Engineered Cells has been registered as an Intellectual Property (IP).



Good Governance, a Pillar to Efficient Administration

Good governance is the pillar to an efficient administration, said UKM Chancellor, HRH Tuanku Muhriz Ibni Almarhum Tuanku Munawir during The 2nd Chancellor Tuanku Muhriz Lecture, recently.

Considered as a much needed value, not only does good governance define the rights of people, it is essential in ensuring the integrity of structure, process and procedures pertaining to administration.

The 2nd Chancellor Tuanku Muhriz Lecture, titled Good Governance: Challenges for ASEAN Communites, featured former Secretary General of ASEAN, Tan Sri Dr. Surin Pitsuwan. Tuanku Muhriz hopes that the practice of sharing knowledge by distinguished figures and scholars, such as Tan Sri Dr. Surin and Tan Sri Dr. Zeti Akhtar Aziz last year, will largely and positively benefit the livelihood of society

positively benefit the livelihood of society in Malaysia.

Tuanku Muhriz, who is the Yang di-Pertuan Besar of Negeri Sembilan Darul Khusus, added that as the national university, UKM should always strive to sustain its role as the repository and conduit of knowledge, as well as the generation of new ideas for the socio-economic development of society.



Meanwhile, in his lecture, Tan Sri Dr. Surin explored the urgent need and the formidable challenges of good governance faced by the ASEAN Community in its quest for a new transformation into a more competitive, sustainable and prosperous region.

ASEAN, he said, is currently being challenged to rise above the restrictive form of governance which benefits only a limited number of people close to or associated with the center of power, which has characterized the ASEAN political and economic landscape, up to this point.

Good governance, therefore is a very much needed aspect in an administration because it will ensure an effective democratic system of a government, transparency in the management of state resources and discharge of power, accountability, full participation of the people and a strong system of check and balance to guard against abuse of power.

Also present at the lecture were HRH Tunku Ampuan Besar of Negeri Sembilan Darul Khusus, Tuanku Aishah Rohani Almarhum Tengku Besar Mahmud, UKM Board of Director Chairman, Tan Sri Dato' Seri Dr. Ibrahim Saad, and UKM Vice-Chancellor, Prof. Tan Sri Dato' Seri Dr. Noor Azlan Ghazali.





In Memoriam

TAN SRI DR. SURIN PITSUWAN, a native of Nakorn Sri Thammarat, Southern Thailand, was born on 28 October 1949.

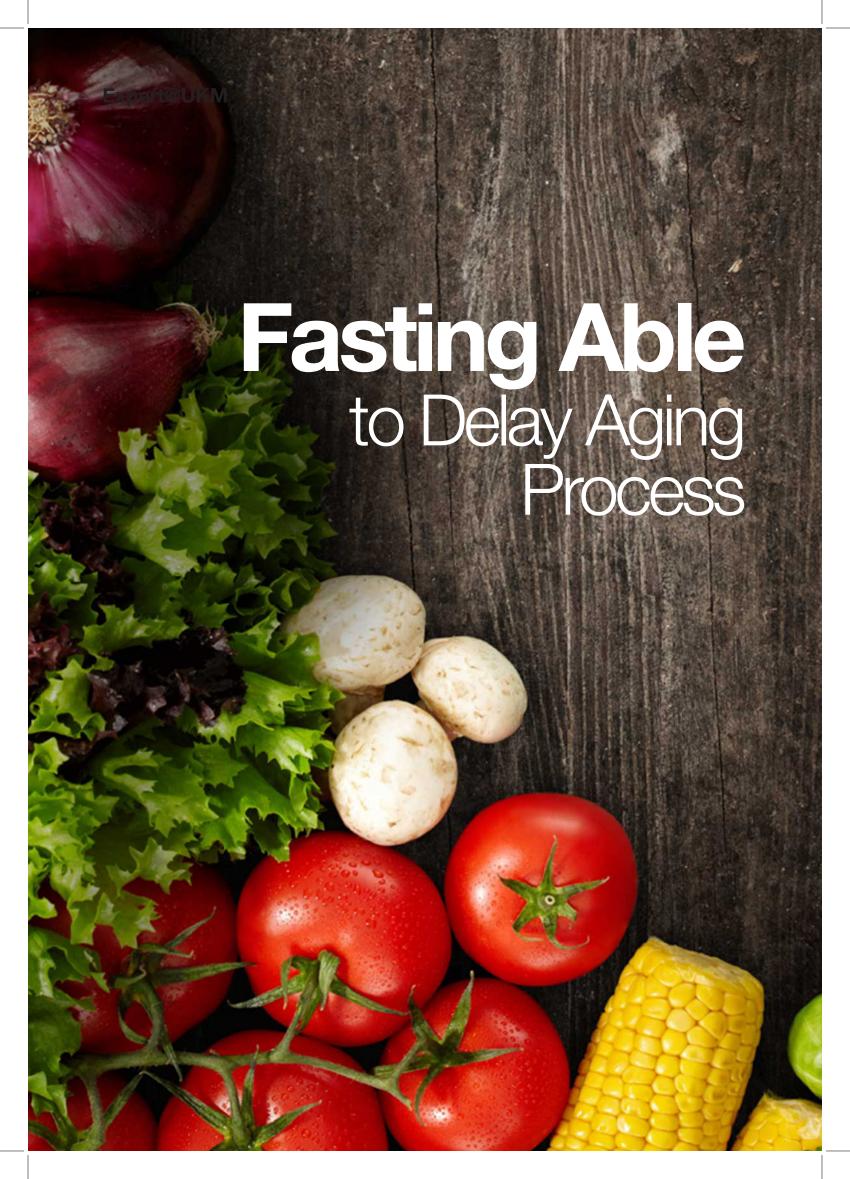
Thailand, was born on 28 October 1949. He received his primary and secondary education in his home province.

On January 2008 until December 2010, he served as the Secretary General of ASEAN. One of his most recognized accomplishments was when he helped restore law and order in East Timor during the violent uprising. He also led the ASEAN Member States and the United Nations and other international institutions such as the World Bank and various International NGOs. He was involved in a rescue mission in Myanmar during the Cyclone Nargis tragedy in May 2008 and remained there until the mission was accomplished in December 2010.

He was previously on the Advisory Board of the UN Human Security Trust Fund, the Advisory Board of the International Crisis Group, an International Academic Advisor of the Centre for Islamic Studies, Oxford University and an advisor to the Leaders Project, a conference arm of the Cohen Group of former US Secretary of Defence William S. Cohen.

He was appointed as a Visiting Professor, an Adjunct Professor and a Visiting Fellow at the Graduate Institute for Policy Studies, Tokyo, University of Nara, Japan and University of Malaya and also the Chairman of the Future Innovative Thailand Institute. Throughout his life, Tan Sri Dr. Surin Pitsuwan has been involved in promoting regional integration in East Asia, educational and political reform efforts in Thailand and frequent speakers at various international conferences. He received his PhD in Political Science and Middle Eastern Studies from the University of Havard and was awarded an honorary doctorate by UKM in International Relations.

Tan Sri Dr. Surin Pitsuwan passed away on November 30th, 2017.





Fasting on Monday and Thursday in addition to adopting a balanced nutrition can delay the process of aging, says UKM Nutritionist and Dietetician from the Faculty of Health Sciences, Prof. Dr. Suzana Shahar.

"It was discovered that if the practice (of fasting on Monday and Thursday) continues for three months, it can help decrease weight, besides reducing fat body percentage, blood pressure and blood lipid levels.

She added that the practice of fasting combined with self diet restrictions (FRC) can help one to reduce between 300 to 500 calories on weekdays.

Meanwhile, taking an excessive variety of foods, especially foods with high density nutrient can be regarded as wasteful and harmful to the body as it could lead to obesity and chronic disease. "It is important for middle aged individuals to achieve an ideal weight in order to age healthily," she explained.

Prof. Dr. Suzana said superfood diet that includes fish as well as other sources of protein aside from consuming fruits and vegetables in abundance is important for maintaining the health of senior citizens.

"Local fish such as kembung and cencaru contains a high amount of omega fatty acids," she said.

"Another superfood is ulam such as daun kesom, ulam raja dan daun selom contains polyphenols. Daun selom can improve memory and social function of senior citizens who suffer from emotional disorders," she said.

Prof. Dr. Suzana also explained that soups and roasted food such as singgang, asam pedas or roast chicken can maintain the content of omega in food compared to deep frying.



Championing Higher Education Rethinking and Redesigning Initiatives

Academicians at UKM topped the list of winners, in four out of six categories contested at the Inaugural Rethinking and Redesigning Higher Education Awards (APRS) 2017, held in Istana Hotel, recently.

The creative academicians won second place for the Immersive Online Experience Award category, second and third place for Immersive Blended Learning Award category, second place for Immersive Face-to-Face Learning Award category and winner and second place for Transformative and Interactive Teaching Award category.

The two other categories contested were Transformative Teaching Without Lecture Award and Innovative Teaching Curriculum Award. UKM Law Faculty lecturer Dr. Shahrul Mizan Ismail, who won first place in the Transformative and Interactive Teaching category innovated his teaching approach upon seeing students quite bored with the subject during lectures.

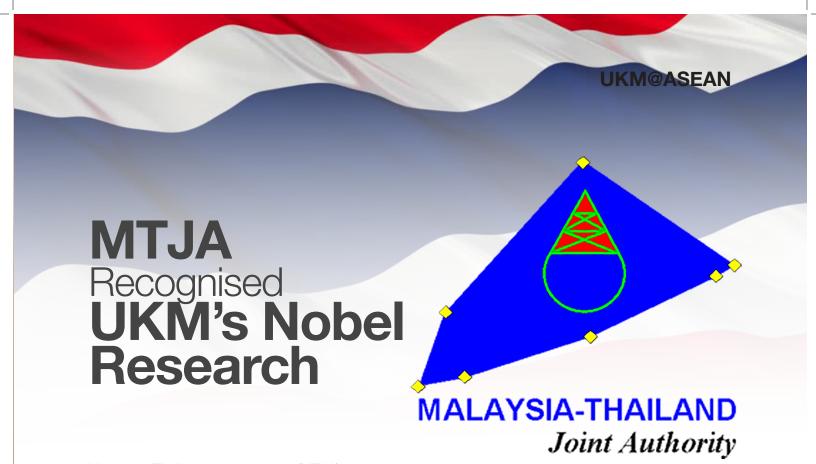
Law, he said, can be a very dry subject. Thus, he decided to be more creative in order to attract student's attention and ensure that they focus in class.

Meanwhile, Minister of Higher Education, Dato' Seri Idris Jusoh said that the academia is now faced with the challenge of providing a batch of graduates for jobs, which may not even exist in the future. This means, the teaching and learning approach should be more active, effective, interactive, immersive and this means, the application of latest technology is not an option, but is a necessity.

He added that the lecturers should be dynamic and adaptable to changes while upholding the basic concepts of higher education.

A total of 27 finalists were selected to present projects and innovation produced, during the APRS Sharing Best Practices (pitching) Session.

16 **RES®NANCE**



Malaysian-Thailand Joint Authority (MTJA) recently awarded UKM a grant worth RM13.89 million to develop an integrated demonstration plant to convert carbon dioxide (CO₂) gas to methane (CH₄).

The plant, according to the project's lead researcher Prof. Dr. Mohd Ambar Yarmo, is part of UKM's initiative to promote a greener world. This is because, according to reports, processing carbon dioxide emitted in the air is said to be able to help reduce global warming due to the formation of greenhouse gases (GHG).

The problem is significant as it is estimated that the oil and gas industries produce an estimated 6% of the total emission of CO₂ annually.

Thus, the noble effort by UKM and MTJA to process CO_2 emitted in the air is indeed timely as it is said to be able to help reduce the contribution of CO_2 to the global GHG. This is because, according to reports, utilization of CO_2 is said to be able to reduce the effect of CO_2 to global GHG level and global warming.





UKM Alumni gave back to the university and contributed about RM366,700 to the Alumni Council Fund, recently.

The hefty collection was presented to UKM Chancellor HRH Tuanku Muhriz Ibni Almarhum Tuanku Munawir at the *Majlis Santapan Diraja Alumni UKM*, held at Dewan Canselor Tun Abdul Razak (DECTAR).

More than 600 UKM alumni, who graduated between 1973 and 2017, attended the prestigious and exclusive dinner.

UKM Vice-Chancellor, Prof. Tan Sri Dato' Seri Dr. Noor Azlan Ghazali in his speech said that the University plans to build a good partnership and maintain networks with alumni and look forward to hear ideas, advices and useful feedback, which would greatly contribute to the development of UKM.

Alumni who wish to reach out to students through the sharing of knowledge and experience were also welcomed. The ceremony also saw the official launch of the UKM Alumni Council and the handing over of donations to the Alumni Fund.

HRH Tunku Ampuan Besar Negeri Sembilan, Tuanku Aishah Rohani Almarhum Tengku Besar Mahmud and UKM Pro-Chancellors, YAM Tunku Laxamana Tunku Dato' Seri Utama Naquiyuddin ibni Almarhum Tuanku Ja'afar and Tun Ahmad Sarji Abdul Hamid was also present at the ceremony.

Among UKM's distinguished alumni present were Malaysia's Minister of Transport, Dato' Sri Liow Tiong Lai, Sarawak Deputy Chief Minister, Datuk Amar Haji Awang Tengah Ali Hasan and Cyberjaya University College of Medical Sciences President, who is also the President of the Alumni Council, Prof. Dato 'Dr. Mohamad Abdul Razak.

Strategic Partnership

UKM and FGV R&D

Collaborate to Study Palm Oil Pest



Institute of Systems Biology (INBIOSIS), UKM will be collaborating with Felda Global Ventures Research and Development (FGV R&D) Sdn Bhd on research pertaining to oil palm plants diseases.

UKM Deputy Vice-Chancellor of Research and Innovation, Prof. Dr. Hj. Mohd. Ekhwan Hj. Toriman said at the Memorandum of Collaboration signing ceremony between UKM and FGV R&D Sdn. Bhd., the university has always been trusted by the industry to conduct high impact research. He also believes the collaboration between UKM and FGV R&D experts will produce a positive development and will give a big impact to the palm oil industry.

The cooperation will see both parties involved in a metabolic study of the development of biological markers to detect the infection of palm oil pest,

known as Ganoderma. The cooperation includes a provision of an opportunity for FGV employees to further their studies at the PhD level in UKM.

Meanwhile, Head of R&D Cluster and FGV Agriculture Services, Syed Salim Syed Ali said he believes the study conducted by FGV R&D and INBIOSIS researchers will be able to find a more sustainable solution to the Ganoderma disease by means of the production of bio-control agents which has high potential microb.

According to Syed Salim, these efforts can be used to save palm oil trees from attack in the early stages of infection and thus block attacks from Ganoderma more widely. The collaboration from the technical expertise and research facilities between both parties is very important to advance the country's agricultural sector.

Strategic Partnership

Industry 4.0: Government

Government Provides Relevant Skills Through TVET Programmes

Government through the Ministry of Human Resources (MoHR) are providing relevant skills pertaining to Technical and Vocational Education and Training (TVET) programmes to face the Fourth Industrial Revolution (4IR).

Secretary General of MoHR, Dato' Dr. Mohd Ghazali Abas, who delivered a speech on behalf of the Minister of Human Resources, said the preparation is not only essential for the future labour market, but is also pivotal in preparing human capital for nation building.

Thus, he added, TVET providers were encouraged to align themselves to the latest skills standard and curriculum to ensure the 4IR is well-understood and learned. He was speaking at the Launching Ceremony of the National Conference on the 4IR Skills Development: Road Map to the Future (NC4IR-VET), here, recently.

The conference was organised by Faculty of Education, UKM and Department of Skills Development, MoHR.

He said for a long time, TVET been regarded as the last option in education and career selection owing to the public perception that the courses are for those who did not perform well in other academic endeavors.

This impression is changing as government around the world have increasingly recognized the significance of the technical and vocational courses towards supporting their national economy, with developed and industrialised countries having a higher number of students in the vocational and technical stream.

He said the establishment of TVET Malaysia coordinated by MoHR, is a timely decision.

Meanwhile, UKM Deputy Vice-Chancellor of Research and Innovations, Prof. Dr. Hj. Mohd Ekhwan Hj. Toriman said the objective of the conference is to ensure the industry pattern and job requirement in the 4IR.







UKM-Pintar Foundation Helps Inculcate Students' Interest in Science

UKM through the Institute of Climate Change (IPI) collaborated with Pintar Foundation to conduct programs at several secondary schools in Kedah in an initiative to inculcate interests in science and technology.

UKM Deputy Vice-Chancellor of Industry and Community Partnership, Prof. Dato' Dr. Imran Ho Abdullah said 13 schools were selected to join the Pintar-UKM Sustainability and Green Technology Through IG-Home Module, Phase 1 2017 programme.

According to him, this programme requires students and teachers to innovate and create a sustainable home. Interestingly, the participant does not merely consist of Science teachers and students but encompasses students from various disciplines.

Prof. Dato Imran was speaking at the Closing Ceremony of Pintar-UKM Sustainability & Green Technology Through IG-Home Module Phase 1 2017 Programme and the Signing of Memorandum of Agreement (MoA) between UKM and Pintar Foundation.

He hopes that the MoA will also spur further areas of cooperation between the two parties as well as to generate new areas of cooperation that can make an impact to the well-being for the next generation.

Meanwhile, Chairman of Pintar Foundation Trustee, Tan Sri Dato' Seri Utama Arshad Ayub said he believes UKM experts can help teachers to inculcate students' interest in science. For instance, students in the rural area are actually very creative and often innovate, but they don't have the proper guidance to highlight their inventions. IG-Homes, is a good example of a programme which can harness students' skills in innovation.

Sekolah Menengah Kebangsaan Syed Mohamed Al-Bukhary, Alor Setar won first place in the competition with their innovative use of food waste and manure in creating cooking gas.

servicipants recruited from places like Felda Scelardo in Selangor and urban areas in Kuala Cumpur.

The researchers thoroughly collected health updates and did verbal autopay for information on the recruited population over a one-year. The researchers are the recruited population over a one-year, and the recruited population over a one-year. The properties of the recruited population over a one-year, and the recruited population over a one-year. The recruited population of these findings. The research of degraph is shorted to two reports published recruited population of these findings and the first paper of the research of the r

Input for improved health guidelines





6 Moderation in most aspects of diet is to be preferred, as opposed to very low or very high intakes of most nutrients.

half portion of vegetables/fruits. And this, Dr Noor Hassim said, should be reinforced and emphasised. The second paper from the PURE study characteristic and second paper fr

The New Stratts Times 11 October 201

UKN

CLASSIFICATION SERVICES

impairment, the impairments range from limb amputations to neurological disorders and spinal cord injuries.

The duty of a classifier is to ensure that athletes are eligible to compete and they are placed in the correct sport class based on their level of in the correct sport class based on their level of the correct sport class based on their level of Robian, who is the first opinities flating, said Dr. Robian, who is the first opinities flating and the correct sport of the correct spor

A structure for fair and equitable competition



Dr Rokiah Omar (third from left) and Dr Mohd Harimi Abd Rahman (second from right) browsing Classification Guide Book with volunteers in conjunction with 9th Asean Para Games Kuala Lumpur 2017 PICURE 8TWAZTRAZALI



The duty of a classifier is to ensure that athletes are eligible correct sport class based on their level of disability.

an ahlete is determined by skill, filmess, power, endurance, tactical ability and mental focus," he added.

Each sport has its own disability criteria which can be grouped into three broad categories— visual impairment, intellectual impairment and physical impairment which may be mild, moderate or severe.

To be either locality or internationally certified, classifiers apply to pursue a course, sit an examination and complete training by working under the supervision of a classification instruction.

A classifier generally has a degree or qualifications in a suitable healthcare disciplien or; in certain sports, possesses technical qualifications in its about a suitable healthcare disciplien or; in certain sports, possesses technical qualifications in the sport.

It is the collective responsibility of each National Paratympic Committee (INPC) through its cherd of mission and relevant team officials to inform athletes about and to comply with the Asean Para Garnes classification policies and procedures before and during the events.

AdSOC before the arrival of athletes in the host



to know their behaviour.

Two tests — an IQ test flevel 70 and be low being the minimum eligibility criteria to participate in the gamesl and adaptive functional behaviour test — are used.

Tone of the conditions is that athletes are able to adapt to their surroundings even though they have a low level of IQ." added Gan, who has eight years of experience as a classifier.

The New

The New Straits Times 4 October



Uniting youths to shape **Asean's future**

people' she said in her speech at the closing of the event.

The 4R has given rise to a borderless world the event.

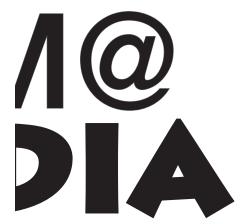
The 4R has given rise to a borderless world with the event.

The 4R has given rise to a borderless world with the convent of the

It is imperative that youths be empowered to help us shane the future

HAMIDAH NAZIADIN

of Asean, for they are the ones who will inherit it from current leaders.



29 November 2017

UKM LAUDED FOR USING BM IN CLASSES

National language shouldn't be compromised says Tuanku Muhriz

KALBANA PERIMBANAYAGAM

kalbana@nst.com.my

NIVERSITI Kebang-saan Malaysia is lauded for upholding and pre-serving Bahasa Melayu in its lectures although most of its courses are science- and re-search-based.

its courses authough most of search-based. Yang Di-Pertuan Besar Negri Sembilan Tuanku Muhriz Ibni Almarhum Tuanku Munawir congratulated UKM for using Bahasa Melayu as an official language in its classes. "With the advancement of Information, Communication and Technology (ICT), some things, like the importance of Bahasa Melayu, should never be compromised," he said at the opening ceremony of UKM's 45th convocation yesterday. Some 7,972 students will receive their scrolls, from diplomas to PhDs, at the four-day event. Tuanku Muhriz, who is UKM chancellor, said UKM had produced 190,170 graduates so far. The university was established 47 years ago at a small campus near Pantai Dlamin Kuala Lumpur before it moved to Bangi in the 80s. It is ranked 230th out of 20,000 universities in the world and is among the top 50 universities in

Southeast Asia, ranked 43rd.
Tuanku Muhriz said annual increases in the number of graduates proved that UKM, considered Malayais's leading research university, met international standards.
He said UKM would continue to receive bigger research and development (R&D) allocations to embark on more research efforts.

The said UKM would continue to receive bigger research and development (R&D) allocations to embark on more research efforts.

It is a said UKM would continue to receive bigger research and development (R&D) allocations a leading Ran on only shoot as a leading Ran on the said producing graduates who are not only good academically but have a strong personality. He said that these graduates were also technologically sawy.
He said the knowledge of UKM undergrandutes should not be underestimated as the internal electronic administration system used by the university was product of former UKM graduates.

"The list of achievements and success is long for UKM as it has become a reference hub for various fields of studies, which enables the university to obtain research grants and have academic collaborations with international universities."

Tuanku Muhriz praised UKM for not neglecting the nation's identity in its process of growing. He was referring to the use of Bahasa Melay in the university's classes, while strengthening patriotism among its studiest.

To all those graduating, I wish you the best in your career I wish for you to excel and become successful people.



Yang Di-Pertuan Besar Negri Sembilan Tuanku Muhriz Ibni Almarhum Tuanku Munawir (s right) and Tunku Ampuan Besar Tuanku Aishah Tengku Besar Mahmud (right) with Chancellor Tan Sri Prof Dr Noor Azlan Ghazali (left) and recipients of the Royal Educatio UKM yesterday. PIX BY SALHANI IBRAHIM

good use. Do not tarnish the university's image."

With Vice-Chancellor Tan Sri
Prof Dr Noor Azlan Ghazali expressed his heartfelt gratitude to
Tuanki Muhric.
He said over the years, UKM
And evolved, matured and made
sure that it did not fall behind in
the tertiary education sector, escepcially in subjects related to rescarch, development and innovation.

We will continue to strive hard
and move forward in research in
hopes of coming up with new
the more thanking the more thanking the vice of the more of the more thanking the vice of the more of the

the field of Accountancy and Integrity was awarded to Tan Sri Effendi Norwawi and Datuk Seri Ambrin Buang respectively by Tuanku Muhriz for their contri-

Tuanku Muhriz for their contribution in making the country and nation proud.

Two first-degree students who excelled with outstanding results, Abdul Aziz Ramlee Sau (science and technology) and Choo Wen Chun (law), received UKM's most prestigious award, the Royal Education Award.

Present at the ceremony was UKM Pro-Chancellor Tun Ahmad Sarji Abdul Hamid and board of directors chairman Tan Sri Dr Ibrahim Saad.



Two honoured with Royal Education Award

BANGI He did his best to ensure that he passed with flying colours, but never expected to receive Universit it Kebangsaan Malaysis* most prestigious student-designated award, the Royal Education Award.

UKM's two best students.

"It has not fully set in, but I am hankful to my mother for her starting to the starting to the starting to the starting to the student and a present of the student and the student and

curriculum activities."

Aziz, who comes from a lowincome family, said he planned to
further his studies abroad in the
Blotechnology field if he was offered a scholarship.

Another recipient of the awaf
was law undergraduate Choo
Wen Chun, 24, who has secured a
job at a legal firm in the Klang
Valley.
"It is an honour for all the hard
work, late-night studying and
struggle we had to go through.
"I am planning to work for a
while before being called to the
bar

might further my studies."
Choo thanked his parents Choo Beng Hock, 63, and Tey Siok Eian, 59, for supporting him throughout his studies.
"Without good family support, it would have been harder for me to excel with this recognition."
Dr Jezamine Lim, wife of the World's Funniest Man Harith Islander seeingted by 60 Hoot ore.

struggle we had to go through.
"I am planning to work for a while before being called to the bar.
"Maybe after a couple of years,"

2017

Straits Times



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