

PEKAN REVIEW

Education & Information Magazine | Vol. 12

Bridging Universiti Malaysia Pahang to the world community



Universiti
Malaysia
PAHANG
Improving • Technology • Creativity



**THE REGENT OF PAHANG
CONFERRED WITH UMP
HONORARY DEGREE**

**PM LAUNCHED
THE CONSTRUCTION OF
UMP MOSQUE**

**REGENT OF PAHANG LAUNCHED CONSTRUCTION OF
UMP MAWADDAH RESIDENTIAL COLLEGE**

ISSN 2180-3099



9 772180 309006

Connect with UMP



Find us on





EDITORIAL TEAM

Patron

Professor Dato' Ts. Dr. Daing
Nasir Ibrahim

Editor-in-Chief

Saiful Bahari Ahmad Bakarim

Editor

Roslina Mohamad

Contributors

Safriza Baharuddin
Mimi Rabita Abd Wahit
Nur Hartini Mohd Hatta
Nor Salwana Haji Mohammad
Idris

Artists

Azman Md Diah

Photographer

Khairu Aidilnisha Rizan Jalil
Muhammad Naufal Samsudin

Distributors

Hafizatulazlin Abdul Aziz
Mohd Afendi bin Zamri

All rights reserved. No part of this publication may be used or reproduced in any form or by any means, including but not limited to electronic or mechanical photocopying, recording or by any information storage or retrieval system or otherwise, without prior agreement and written permission from the publisher. The views or opinions contained in this publication do not necessarily reflect the policy and standpoint of Universiti Malaysia Pahang. Universiti Malaysia Pahang will not be liable or responsible towards any losses experienced by any parties on performance or non-performance based on information in this publication. The unique combination of images, colors, sizes, typography, and positioning ("The Design") of this magazine is copyright and may not be reproduced. For further enquiries or contributions of articles and news, please forward to:

Editor

Publication Unit, Office of the Vice-Chancellor
Universiti Malaysia Pahang, 26600 Pekan, Pahang Darul Makmur
Tel. : 09-424 5057 • Fax : 09-424 5055 • e-Mail : safriza@ump.edu.my

CONTENTS

- 3** Editorial Team
- 5** PM Launched the Construction of UMP Mosque
- 6** The Regent of Pahang Conferred with UMP Honorary Degree
- 7** Regent of Pahang Launched Construction of UMP Mawaddah Residential College
- 8** Mutiara Mahkota Launched
- 9** Communitising Technology – UMP’s Agenda on Versatility
- 10** Acknowledgment of Excellence
- 11** UMP Hosts TN50 Dialogue on Environment
- 12** UMP Welcomes 2,007 Fresh Undergraduates
- 13** UMP Among Top 2.4% Universities in Asia
- 14** UI Greenmetric Data Review:
- 14** A Workshop on Ranking Improvement
- 15** Ashwin Defeated 55 Other Contestants
- 16** First Batch of PKLI-ECRL Trainees Arrived at UMP
- 17** An Insight on Risk Management in Industry by Dr. Hari
- 18** FKP Records Highest Percentage of Graduate Employability with 99.1 Per Cent
- 19** UMP forged ties with seven strategic partners
- 20** UMP Forged International Link with Indonesia’s Tunas Bangsa Information and Computer Management Academy (AMIK) and Tunas Bangsa High-Tech High School (STIKOM).
- 21** Tripartite PLKI-ECRL Agreement to Benefit Rail Industry and NRCOE
- 22** UMP’S Soars High in its High Impact Research Works
- 23** UMP’S AiNEX - A Show of Innovative and Creative Ideas
- 24** UMP Study on Pahang Heritage
- 24** The Terenang Ceramic
- 25** Research Projects by FSKKP Collected 3 Gold Medals in ITEX



Mutiara Mahkota Launched



Communitising Technology – UMP’s Agenda on Versatility

- 26** Outstanding Achievement for UMP in Pecipta 2017
- 27** Mandarin for All: Book 1 Module Won the Best Education Book at National Book Award
- 28** Diaclean - Eco friendly Product for Kidney Disease Patient
- 29** UMP and BH to Support Continuous Education
- 30** Farmer’s Routine Endurance Challenge for UMP Volunteers
- 31** Community Service by UMP and PKPP Helped Improve Life Quality of Orphans Affected by Aceh Tsunami
- 32** The Challenges of an Effective Management Control System in Fourth Industrial Revolution
- 33** Ghani Format Learning Method (GFLM) Helps Memorise Difficult Facts
- 34** FSKKP Postgraduate Day 2017
- 35** Driving a Sustainable Future with TVET
- 36** Sharing the Joy Celebrating Eid UI Ftri
- 37** Share-A-Meal Project for undergraduates During the examination Week
- 38** UMP Volunteers in Humanitarian Mission in Cambodia
- 39** UMP RMN PALAPES Head was First Runner-Up at Mandarin Language Competition
- 40** Communitising Technology: Mushroom Cultivation Project by UMP Iskandar
- 41** 5 undergraduates Enjoyed Different Experience in China
- 42** UMP to Host SUKUM 2018
- 43** Run for Your Heart
- 44** Paddle Boats to Boost Edu-Tourism
- 45** oBike Offers Bicycle Sharing Services For UMPians

PM LAUNCHED THE CONSTRUCTION OF UMP MOSQUE



Prime Minister, Dato' Sri Najib Tun Haji Abdul Razak launched the construction of Universiti Malaysia Pahang (UMP) mosque that would become a landmark for Kuala Pahang on July 21, 2017.

The mosque would not only serve the university community but also members of the public in Pekan.

With its special design and architecture, the mosque complex would also be the centre of ummah transformation, intellectual enlightenment and social development, a place of progressive and dynamic activities, one that would be fully exploited by the university community and society.

UMP Vice-Chancellor, Professor Dato' Dr. Daing Nasir said the mosque was a unique environment-friendly building and it would use green technology. It would have fin-shape patterns in its architectural design that would take into consideration the airflow and ventilation to help keep the 3,500-capacity praying area cool and its air fresh without using the air-conditioning system.

"The construction is scheduled to be carried out within 95 weeks and expected completion on March 6, 2019. This will replace the temporary mosque in UMP Pekan campus that is currently located on level 2 of the Student Activity Centre.

"Insyah-Allah, once completed, the complex will be the hub of comprehensive spiritual and humanity development," he added.

He also said with such a well-equipped modern infrastructure, the management was committed to make the complex UMP's symbol

of success, in the context of its relation with the people.

"It would not only be a place of worship for the Muslims but also an institute of consolidation and unity," he added.

With its location that is near the lake, the mosque will certainly provide peace and tranquillity to guests, providing a comfortable setting for them to perform their prayers.

The mosque will also serve as UMP Islamic Centre and Humanity Development (PIMPIN) operation hub and will consist of an administrative office, meeting rooms, a seminar hall, lecture rooms, a library, a nursery, a multipurpose area and a special room to prepare the dead for burial.

Construction on the 7.5 acre or 30,315 square metre of land located at the development pad of block 5 of the campus are in the early stages.

The university community and students had also been proactive in their efforts to raise funds to build the 45-metre minaret that would complete the physical aspect of the mosque and it included a campaign organised by UMP Student Representative Council (MPP) called 'Undergraduates Build Mosque'. Those who took part in the campaign were students, alumni and the community.

There will also be facilities that will provide the space for various kinds of socio-economic, socio-cultural and educational activities such as kiosks, a kitchen that will be used to prepare food for iftar programme, Al-Quran and fardhu ain classes as well as the setting up of an Islamic Treatment Centre.



In another development, Dato' Sri Najib announced that UMP had been picked to conduct rail technology short courses in view of its strategic location to that of the East Coast Rail Link (ECRL) project, a massive project that was launched in September.

He said it would require a workforce with skills in rail technology and UMP would commence the course with the first intake of 300 trainees enrolled in September, adding, they would undergo training for six months.

Dato' Sri Najib said this in his speech before officially launched the construction of the mosque and Hari Raya Aidil Fitri celebration held at UMP Pekan campus.

Among the guests who attended the event were Minister of Higher Education Dato' Seri Idris Jusoh, the ministry's Secretary General Tan Sri Dr. Noorul Ainur Mohd. Nur, Higher Education Director General Datin Paduka Siti Hamisah Tapsir, Pahang State Assembly President, Dato' Sri Haji Ishak Haji Muhammad, UMP Chairman Board of Directors, Dato' Sri Mohd. Helmy Mohd Taib and UMP Vice-Chancellor, Professor Dato' Dr. Daing Nasir Ibrahim.

Bank Islam Malaysia Berhad contributed a sum of RM50,000 for the UMP Mosque fund and was represented by its Chief Sharia Officer Mohd Nazri Chik while MKG Teguh donated RM20,000. Other donors included Federal Territory Taqwa Foundation, represented by Noor Hasma Haron.

More than 2,000 people attended the Syawal celebration with the Prime Minister.



THE REGENT OF PAHANG CONFERRED WITH UMP HONORARY DEGREE

His Royal Highness The Regent of Pahang Tengku Mahkota Tengku Abdullah Al-Hajj Ibni Sultan Haji Ahmad Shah Al-Musta'in Billah was conferred with the Honorary Doctorate of Management during Universiti Malaysia Pahang 12th Convocation Ceremony on November 18, 2017.

UMP Vice-Chancellor, Professor Dato' Ts. Dr. Daing Nasir Ibrahim presented the honorary degree during the convocation held at UMP Sports Complex in Gambang. Also present was Menteri Besar of Pahang Dato' Sri Diraja Haji Adnan Haji Yaakob.

It was presented to Tengku Abdullah in recognition of him being the Crown Prince of Pahang for the past 40 years, his exceptional contribution as Chancellor of UMP since 2006 and his influential leadership in various associations, locally and abroad.

"At the age of 18, I was given a huge responsibility by my father as an heir to the throne. It came with many duties towards the people, who are always close to my heart, and my duties to my beloved state, Pahang Darul Makmur.

"During this whole period until to this very historic day today, I continue to learn about leadership, based on knowledge and experience gained from reading and mingling with the wise and learned. Happenings and events that occurred throughout the years have also made me more matured in my thinking, judgement and action,"

he said in his speech.

He also reminded the graduates to continue to be consistent and steadfast (istiqomah) in adhering to moral values, beliefs that should not only be practiced in their private lives but also in their professional lives.

He added that as graduates of today, they had already become part of an educated community with the status of UMP alumni.

"A lot of time, effort and money have been invested to make all of you a learned lot and as such, try to avoid mistake or careless action that can result in the investments made by your families and the government go down the drain," he said.

He also said they would be holding managerial and professional posts, be it in the public sector or the private sector that would involve a lot of responsibilities and power in decision-making and this would demand high accountability standards.

"You are going to be executives and professionals with ethics and integrity. However, if these values are not fully understood and practised, you are at a high risk of being involved in corruption, abuse of power, bribery and other forms of white collar crimes that will definitely destroy your status as a learned person," he said.

Tengku Abdullah also presented awards to 23 outstanding graduates including the Royal Academic Award (Pingat Jaya Cemerlang) to Foo Weng Kar, graduate of Bachelor in Industrial

Technology Management with Honours and Siti Rahmah Rahim, graduate of Bachelor (Hon.) in Chemical Engineering.

Other awards presented during the ceremony were the Chancellor Award, University Gold Award, Yayasan Pahang Excellent Award, Professor Dato' Dr. Mashitah Mohd Yusoff Excellent Award and Matahari Srikandi Award

Two new awards were introduced this year, Life-Long Learning Professional Excellent Award which was contributed by UMP Advanced Education and Puspanita Community Care Award contributed by the Association of Wives of Civil Servants and Women Civil Servants (Puspanita).

The Puspanita Community Care Award will serve as a morale booster and a form of recognition to graduates who carried out high-impact community works involving the people, university, government agencies and non-governmental organisations (NGOs).

Tengku Abdullah also presented a posthumous degree, Bachelor (Hons) in Chemical Engineering, to the late Kamalanathan s/o Narayanan who died before completing his studies.

His mother, Shoba d/o Perumal, received the degree in a separate room after the first session of the convocation was over.

A total of 2,845 UMP graduates were honoured in the convocation that was held over three days beginning November 18, 2017.

REGENT OF PAHANG LAUNCHED CONSTRUCTION OF UMP MAWADDAH RESIDENTIAL COLLEGE



His Royal Highness Regent of Pahang Tengku Mahkota Tengku Abdullah Al-Haj Ibni Sultan Haji Ahmad Shah Al-Musta'in Billah officially launched the construction of Universiti Malaysia Pahang (UMP) Mawaddah Residential College at the Student Activity Centre at its Pekan campus on July 6, 2017.

Also present were Her Royal Highness Tengku Puan of Pahang Tunku Azizah Maimunah Iskandariah, UMP Chairman of the Board of Directors, Dato' Sri Mohd. Hilmey Mohd Taib and UMP Vice-Chancellor, Professor Dato' Dr. Daing Nasir Ibrahim.

The residential college was another important project under the MyGift Initiative endowment programme, which also received cooperation from Pahang Islamic and Malay Custom Council (MUIP).

The project is for undergraduates who are orphans and from poor family background.

The two-storey building is to be built on a two-acre of land in Pekan campus with cost estimated at RM5 million. It will have a build-up area of 3,115.06 square metre with construction expected to start this year and completed in 2018.

It can accommodate up to 220 undergraduates and among the facilities to be built included a dining hall, a multi-purpose area and an administration office.

According to Dato' Dr. Daing Nasir, the decision to build the hostel was made based on their deep concern towards the hardship faced by some of the undergraduates who had financial difficulties to pay for accommodation cost throughout their study years in the university.

"Undergraduates who are orphans or come from poor family background or the *asnaf* category will be exempted from paying the accommodation charges.

"In doing so, we hope they will be able to focus better on their studies without worrying about their accommodations and help to motivate them to excel academically and be competitive and capable graduates.

"We also hope they will return in the future and make contributions to the university because they have become alumni who are a caring lot," he said.

On the MyGift initiative, Dato' Dr. Daing Nasir said it was a platform for a systematic and structured crowdfunding, allowing the university to explore sponsorship possibilities which were then channelled for endowment, education, helping the needy, developing facilities and others that were in line with the aspirations of Ministry of Higher Education.

He said the management was aware on the significance of public and private participation involving the development of infrastructure and facilities in the university using crowdfunding.

"It was a change from being totally dependent on government's allocations," he added.

He said MUIP had given its official approval to UMP on the project and endowment collection and presented a sum of RM400,000 for the purpose.

It was presented by MUIP Deputy President, Dato' Sri Wan Haji Abdul Wahid Haji Hassan.

Dato' Dr. Daing Nasir also said the university



had intensified efforts to look for funds to cover the construction cost since 2016.

"Apart from the endowment contributions made by staff members who make deductions from their salaries, UMP also needs financial support from other donors, be it from individuals, public agencies, voluntary organisations, private sector or corporate bodies," he added.

He said a special secretariat was set up to streamline all processes pertaining to the project's planning of the initiative and channelling of contributions to ensure smooth implementation.

He hoped that when the project was completed, it would be a model for an education *wakaf* project which could be emulated by other institutes of higher learning.

In fact, the government should seriously consider the project and its *wakaf* concept be extended to members of the public in the country, in a move to create awareness on *wakaf* and charity works.

Other contributions presented during the event were collections from donation campaigns by MUIP totalling RM10,915 which was presented by Dato' Sri Wan Haji Abdul Wahid and from UMP staff and members of the public totalling RM91,767.50, presented by UMP Treasurer, Zainuddin Othman.

UMP also organised the Hari Raya Aidil Fitri gathering held at the same venue with more than 2,000 people turned up to celebrate the joyous occasion.

MUTIARA MAHKOTA LAUNCHED



Universiti Malaysia Pahang (UMP) launched a book titled *'Mutiara Mahkota: Tengku Abdullah al-Haj'* in conjunction with the University's 12th Convocation on November 17, 2017.

The 280-page coffee-table book includes more than 200 photographs collected from various respected sources regarding the life of His Royal Highness Regent of Pahang, Tengku Mahkota Tengku Abdullah al-Haj Ibn Sultan Haji Ahmad Shah al-Musta'in Billah, who is also the Chancellor of UMP.

The book involved a thorough research carried out over three years and consisted of six chapters - *Warisan Leluhur Berzaman, Putera Cendekia Perkasa, Cergas Tangkas, Citra Wibawa, Waris Ganti and Tuanku Canselor*.

On the book, Tengku Abdullah said it

was written in an interesting way which used a contemporary creative writing technique called *zine*.

"The book also consists 36 lines of Malay poems titled *'Syair Tengku Mahkota'* which was specifically composed at the beginning of the six chapters," the Regent of Pahang said in his speech during a dinner held in Zenith Hotel, Kuantan.

It was held in conjunction with the convocation and the conferment of Honorary Doctorate in Management to Tengku Abdullah in recognition to him as the Crown Prince of Pahang for the past 40 years and the duties effectively carried out over the years.

It was even more meaningful since UMP also celebrated its 15 years of establishment.

Some 300 guests turned up for the dinner including graduates who were recipients of various awards received at the convocation.

Also present were Deputy Vice-Chancellor (Academic & International), Professor Dato' Ts. Dr. Rosli Mohd. Yunus, Deputy Vice-Chancellor (Research & Innovation), Professor Dato' Dr. Mashitah Mohd Yusoff, Deputy Vice-Chancellor (Student Affairs and Alumni), Professor Dato' Dr. Yuserrie Zainuddin and Chief Operating Officer, Mr. Abd. Hamid Majid.

A total of 2,845 graduates received their degrees and diplomas at UMP's 12th convocation held over three days from November 18-20 at the University Sports Complex, UMP Gambang Campus.

COMMUNITISING TECHNOLOGY – UMP’S AGENDA ON VERSATILITY



Universiti Malaysia Pahang (UMP) celebrated its 15 years of establishment on February 16, 2017. It has stood for being an institution and a workforce of exceptional versatility, wholly encompassed all dimensions that contributed to the general perception, notion and evaluation with regard to excellence and ingenuity of outstanding achievement.

It started with only 303 undergraduates in 2002 and has increased to 10,404 in 2016. To date, UMP has produced 16,812 graduates of diploma, bachelor, masters’ and doctorate degrees.

UMP Vice-Chancellor, Professor Dato’ Dr. Daing Nasir Ibrahim said the commitment showed by the staff had resulted in the university getting a commendable position in the MyRA assessment and getting a four star rating.

It was also ranked 58th on the UI-GreenMetric World University Ranking - based on sustainable efforts carried out in campus and its environment management, he said, adding, it was a 131-jump in the ranking, compared to the 189th positioned in the 2015 listing.

“This achievement is a chapter to the many chapters of its versatility that needs to be presented to the public. As such, the challenge that we face now is for goal congruence empowerment, practices that will move towards UMP’s other aspects of versatility and for this to be done, holistically.

“With the theme ‘Communitising Technology: UMP Versatility Agenda’, the time has come for UMP to strategically think about its social role by profiting from its own resources and talents, based on the Key Performance Indicators (KPIs) as outlined in UMP Strategic Plan for 2016.

“The theme refers to UMP’s action method in preparing for scientific, technical and innovative solution towards issues and problems faced by the



society.

“The solution will directly and indirectly be channelled in the form of hard technology or soft technology, by way of inter-disciplinary, or as referred to as translational by YB Minister of Education in his New Year Message on January 12, 2017,” he said when delivering the UMP Vice-Chancellor Annual Message before 5,000 staff at UMP Gambang Campus Sports Complex.

Professor Dato’ Dr. Daing Nasir also said since the solution could be in hard technology or soft technology, it was only right for it to be interdisciplinary as knowledge was not only limited to the fields of pure science or engineering but also to that of arts and social science fields.

As such, for UMP to be acclaimed as a communitising technology university, its contribution should be duly guided by a global benchmark as reference.

In this regard, he recommended that the context of the UMP’s contribution to be conformed to the indicators of Sustainable Development Goals (Sustainable Development Goals), as agreed by the United Nations, and to be achieved by 2030.

“Certain parts of UMP’s contributions in technology production have actually met some of the 17 SDG indicators which means that UMP has actually has the capacity in resource, talent and expertise that can facilitate the university to advance further and at the same time, build up its versatility.

“While the university is trying to develop integrated collaborative principles, shared values, innovative eco-system, to accelerate technology and expedite adjustment, it is important for researchers to focus on studies that emphasise on suitable technology development that meets the needs and benefits the targeted community.

“To ensure that this network sustainability yields benefits in the long run to the community, researchers should foster close rapport with the targeted community as well as maintain close ties with the industries and policymakers in a balanced eco-system,” he said.

He added that among the researchers’ main duties were to go beyond the future needs that were not yet so well-known.

“As an example, on the impacts created by new technology on the transformation of policy, economy, culture, environment and society, UMP already has the technology that has been directly and indirectly developed together with the community through six main clusters: Environment Cluster, Energy Cluster, Health Cluster, Information Technology Cluster, Construction Cluster and General Cluster.

“UMP will also initiate technology-driven research for the market through NewCleus Center, a product development centre that will complement ITECS (Industrial Technology and Engineering Creativity Space) in Pekan campus.

“NewCleus Centre is basically an industrial-based research centre that is integrated into the university’s ecosystem, applying the same concept as development laboratories set up to create products of commercial value that is part of the workings of private technology companies.

“The centre will be the platform for stakeholders to work together in product development led by industries. This will be in line with the university’s 1 PPPN-PT Leap (graduates who are holistic, entrepreneurial savvy and balanced).

Their role in communitising technology in infrastructure, policy and incentive that are already in place will be that of agents who will bring about technology progress in the society,” he said.

Also present at the event were Deputy Vice-Chancellor (Academic & International), Professor Dato’ Dr. Rosli Mohd Yunus, Deputy Vice-Chancellor (Student Affairs & Alumni), Professor Dato’ Dr. Yuserrie Zainuddin, Deputy Vice-Chancellor (Research & Innovation), Professor Dr. Mashitah Mohd Yusoff, Assistant Vice-Chancellor (Corporate Affairs & Quality), Professor Dato’ Dr. Ishak Ismail and Assistant Vice-Chancellor (Industrial & Community Network), Professor Dr. Jamil Ismail and Registrar, Abd. Hamid Majid.



ACKNOWLEDGMENT OF EXCELLENCE

A total of 166 Universiti Malaysia Pahang (UMP) staff received their award for service excellent performance in UMP throughout 2016 on May 19, 2017.

They were celebrated in an event of Quality and Innovation Day (Majlis Hari Kualiti dan Inovasi 2017) that was held today at Astaka Hall, UMP Gambang Campus.

Event was officiated by Chairman of UMP Board of Director, Dato' Sri Mohd. Hilmey Mohd Taib and was attended by UMP Vice-Chancellor, Professor Dato' Dr. Daing Nasir Ibrahim, Deputy Vice-Chancellor (Academic & International), Professor Dato' Dr. Rosli Mohd Yunus and Deputy Vice-Chancellor (Research & Innovation), Professor Dr. Mashitah Yusof.

This event was organized to acknowledge the excellent performance shown by UMP staff in various areas and to encourage them to give excellent performance and service. There were all together nine categories of awards and prizes, which are *Anugerah Kualiti Naib Canselor*, *Anugerah Khas Perkhidmatan Cemerlang (AKPC)*, *Anugerah Perkhidmatan Cemerlang (APC)*, *Anugerah Kecemerlangan Industri Masyarakat*, *Anugerah Sukan*, *Hadiah ICT (K-Portal)* dan *Hadiah Penerbitan* and *Hadiah Persekitaran Berkualiti*.

According to Dato' Sri Mohd. Hilmey, productive, competent and high performance talents are the critical factor in determine the success of an organization, be it in public or private sector. Professional and support staff hired to work in this university, must have endurance and the ability to give excellent quality of service to the customers and stakeholders, despite the current economic situation.

"Take this acknowledgment as a challenge to give more and always give the best in whatever task given to us. Be the role model to our colleagues and may this awards inspire them to be excellent in the future," he added.

In the meantime, Professor Dato' Dr. Daing Nasir said, talents empowerment for professional and support staff for each service scheme are strategically driven by the focused framework. He added, various initiatives, has, are and will be introduced by the management to encourage productivity and performance of each and every UMP personnel, including the newly introduced Pay for Performance in UMP Strategic Plan Framework 2016-2020.

In fact, this commitment is the strategic response of the management on the public service transformation agenda envisioned by the government through *Panduan Peningkatan Budaya Inovasi Dalam Perkhidmatan Awam* since 2010. By filtering and identify priorities, the management seeks to determine the strategic trajectory of the UMP for the purpose of achieving short-term and long-term objectives.

Thus, the management view of continuous innovation in the context of management and administration transformation at this university as the culture of high values. Among the main features of outstanding talent to be produced by UMP is the ability to produce creative ideas to improve productivity and quality of the service delivery. These ideas can be obtained through research, benchmark or organizational learning.

In addition to that, this groomed talents is expected to give their full commitment and expertise and be proactive in realizing UMP's

agenda to communitise technology, as stated in UMP Strategic Plan 2016-2020.

Thus, management view this strategically and systematic mobilization of talents as a one of the critical factor to ensure the success of mutually agreed agenda and as a proof that UMP is a university that committed to transform the community.

On this occasion, Faculty of Mechanical Engineering (FKM) was named as the receiver for Vice-Chancellor's Quality Award (AKNC), which the faculty have shown distinctive excellence in terms of organizational management, research, publishing journals, consultation and commercialization.

Anugerah Kecemerlangan Industri & Masyarakat (AKIM) was first introduced in this event and consists of three category. Dean of Centre for Modern Languages & Human Sciences (CMLHS), Professor Dr. Nubli Muhammad Abdul Wahab, won the Anugerah Kualiti Kerjasama Masyarakat (staff category) for his research product, Biofeedback.

Director of Bio-aromatic Research Centre of Excellence, Associate Professor Dr. Saiful Nizam Tajuddin, was named the winner for *Hadiah Harapan Kualiti Kerjasama Industri* through his success in building networking with local and international industry focusing in research and commercialization of agarwood.

Anugerah Rakan Industri Terbaik goes to *East Coast Economic Region Development Council (ECERDC)* and *Jepun Eco 24 Ltd*. Concurrently with the event were also held exhibition on '*Legasi Kepimpinan UMP*' organized by UMP Library in conjunction with UMP 15th Anniversary.

UMP HOSTS TN50 DIALOGUE ON ENVIRONMENT



The National Transformation 2050 Dialogue (TN50) organised by the Ministry of Natural Resource and Environment was well-received with more than 1,000 youths turned up for the event held at Universiti Malaysia Pahang (UMP)'s Sports Complex in Gambang on May 11, 2017.

The event attracted youths from the university as well as those from institutes of higher learning in Kuantan.

Minister Dato' Sri Dr. Haji Wan Junaidi Tuanku Jaafar delivered his speech while UMP Vice-Chancellor, Professor. Dato' Dr. Daing Nasir Ibrahim acted as the moderator.

The dialogue's theme was 'The Future Aspirations of Our Country's Environment'.

Dato' Sri Dr. Haji Wan Junaidi said the dialogue was held so information could be provided on preparations outlined for the 2050 National Transformation which aimed at making Malaysia a nation that fulfilled the people's aspirations.

He added that youths from various walks of life were poised to inherit the leadership of the country, turn it into a developed country in the future and to do so base on the country's own mould.

"Through this dialogue, we can obtain views and aspirations of the youths on the 2050 National Transformation (TN50) which has also outlined 11 main goals in protecting the environment in Malaysia.

"Among the goals are reducing the greenhouse gas emission, developing the environment performance index nationwide, utilising the global environment funding facility to protect the environment and strengthening the Environment Quality Act," he said.

He added that other goals were to improve the quality of water, seawater, air and ozone layer, create awareness on environment and commitment index and enhance awareness on environment and weather change.

He also said Malaysia as a whole, received an average rainfall of 972 billion cubic metre (BCM) annually of which 496 BCM (51%) of the volume became surface water, 63 BCM (six per cent) became groundwater recharge and 413 BCM (43%) turned into water vapour that entered the atmosphere.

"Primary use of water resources in Malaysia is for domestic and industrial consumption as well as irrigation in the agricultural sector that relied a lot on surface water.

"In Malaysia, the uneven rain distribution which occurred from season to season and from year to year resulted in inconsistency of rainfall, surface water flow and at times, caused shortage of water or excess of water resulting in flooding," he said.

He added that to overcome the problem, a sum of RM8.41 billion had been approved under the 11th Malaysian Plan (RMK-11) for flood mitigation

nationwide and RM49.5 million allocated for the national water balance system programme (phase one) to states facing water shortage.

He also said Malaysia was one of the 12 countries blessed with rich biodiversity and the resources had huge potentials to be developed into new products for the pharmaceutical and nutraceutical industries such as medicines, food supplement and cosmetic products.

He hoped that all parties would continue to work together in playing their roles to help preserve the environment especially in helping to reduce the carbon footprint in their daily activities.

Dato' Sri Dr. Haji Wan Junaidi also planted a tree in a field near the sports complex and received more than 500 registration forms from applicants who wanted to be Friends of the Environment.

The applicants were from UMP, Kuantan Community College and Pekan IKBN.

Professor Dato' Dr. Daing Nasir Ibrahim also said he hoped the dialogue would be able to enlighten the youths especially the undergraduates and for them to be more inclusive in their preparation to meet the goals in the next 30 years.

Also present at the event were Deputy Minister, Datuk Ir. Dr. Haji Hamid Samuri, Secretary General, Dato' Sri Azizan Ahmad, UMP Deputy Vice-Chancellor (Student Affairs & Alumni), Professor Dato' Dr. Yuserrie Zainuddin and Registrar, Abd Hamid Majid.



UNDERGRADUATES

A total of 2,007 fresh undergraduates turned up at Universiti Malaysia Pahang (UMP) for their first day of registration, enrolling in various bachelor's degree courses for the 2017/2018 session.

The registration was carried out simultaneously at the UMP Sports Complex in Gambang Campus and UMP Student Activity Centre in Pekan Campus on August 28, 2017.

Also present were UMP Vice-Chancellor, Professor Dato' Dr. Daing Nasir Ibrahim, Deputy Vice-Chancellor (Academic & International), Professor Dato' Dr. Rosli Mohd Yunus and Deputy Vice-Chancellor (Research & Innovation), Professor Dr. Mashitah Mohd. Yunus.

Professor Dato' Dr. Daing Nasir said for this academic session, UMP offered 26 bachelor's degree programmes in engineering, engineering technology, computer science, dual-degree, industrial management, applied science and occupational safety and health.

"UMP offers international dual-degree programme that involves collaboration with Hochschule Karlsruhe, University of Applied Science (HsKA), Germany and Northern Illinois University (NIU), USA.

"This year, UMP introduced a new programme, Bachelor's Degree In Chemical Engineering Technology (with Honours) offered under the Faculty of Chemical & Natural Resources Engineering (FKKSA)," he added.

UMP also contributed RM1,000 each to 22 eligible recipients, provided under its Education Incentive Aid Scheme for those in financial need. The recipients were vetted by the Students Affairs and Alumni Department and that the money was given to help them get started with their studies in campus.

It is part of the MyGift Initiative introduced by UMP, which is part of the efforts taken to turn it a community university. The initiative is based on public donation where those interested can channel endowment contributions for education sponsorship, to build infrastructure facilities as well as inculcate the spirit of helping the needy.

UMP also set up a counter manned by staff from the Treasury Department, Academic Management Division and Student Financing and Welfare Unit where advice was given to those with problems relating to tuition fees and others.

One of the recipients, Nik Muhammad Azzam

Nik Mat, 20, from Kampung Kubang Telaga, Bachok in Kelantan, said he was very thankful with the contribution and aids given by UMP.

His father, Nik Mat Saamah, 65, said he was overcome with emotions seeing the only child in his family who managed to earn a place in university.

As for Nor Farah Diana Azad, who would be pursuing her studies in the Faculty of Computer Systems & Software Engineering, her father, Azad Mohd Ismail, had to rent a car so he could bring along the whole family to see her off and to ensure that she did not miss her first day of registration in the university.

Nor Farah Diana said she totally did not expect to receive the incentive and promised that she would work hard to complete her studies.

The induction week (MINDS) for the fresh undergraduates started on August 27 until September 2 which involved briefings on the courses they would be taking and introduction to campus life.

They would also attend and listen to the Vice-Chancellor's speech, recite the Undergraduate Oath and take part in programmes outlined by the Student Representative Council.

UMP AMONG TOP 2.4% UNIVERSITIES IN ASIA



By: DR. IRENE TING WEI KIONG

Universiti Malaysia Pahang (UMP) is ranked among the top 2.4% universities in Asia (11,900 of them) in the latest QS Asia University Rankings.

In the 2018 edition of the rankings, UMP is rated in the band of 281-290. UMP also tops in the International Students Indicator (600 of them) in the regional area and is the second highest in the International Faculty (96 of them) as compared to its counterparts in Malaysia (108 of them). University staff with PhD ratio is rated above the regional average of 5.8%.

Published annually, the rankings provides an index of leading universities

in Asia, based on evaluations of university performance from the perspectives of academic, employer, research and internationalisation. The method retains key indicators of the global ranking such as Academic Reputation, Employer Reputation and Faculty to Student Ratio but it also considers a set of performance metrics carefully tailored for the region.

Congratulations to the QS University Rankings team at UMP. The goal of being the leader of technical universities in Malaysia by 2020 is right on track.



UI GREENMETRIC DATA REVIEW: A WORKSHOP ON RANKING IMPROVEMENT

A workshop and data reviewing session for UI Greenmetric Ranking was held at Banquet Hall, Tun Abdul Razak Chancellery, UMP Pekan on 18 September 2017.

Main objective for this workshop is to give exposure to all the head of departments involved on the roles and responsibility that they have to play for the betterment of UMP ranking in UI Greenmetric.

UI Greenmetric Ranking involves assessment on six (6) main criteria, which is Setting & Infrastructure (15%), Energy & Climate Change (21%), Waste (18%), Water (18%), Education (18%) and Transportation (18%). From these main criteria, UMP are more likely to focus on Healthy Lifestyle

as part of activities that contribute to the green campus initiative.

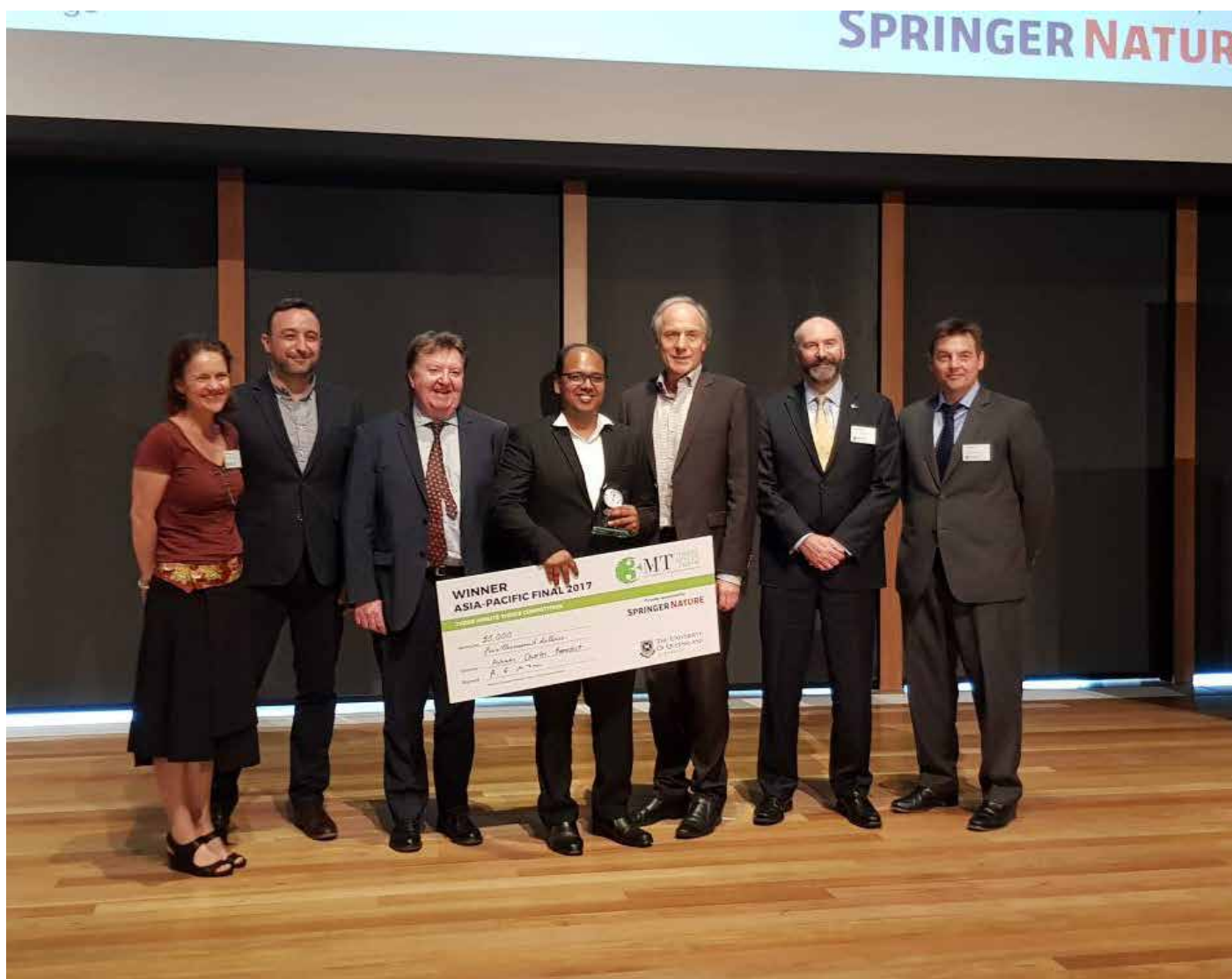
For this workshop, Dr. Nyoman Suwartha (Vice-Chair), Dr. Budi Hartono (Expert Member) and Miss Hastin Setiani (UI GreenMetric Sekretarat) from Universitas Indonesia has been invited to give an explanation on six main criteria and its weightage for UI Greenmetric Ranking.

According to UMP Vice-Chancellor, Professor Dato' Dr. Daing, UMP's involvement in this ranking was not only to get the best spot, more than that, it is for self-discipline and to teach ourselves to do the right thing in our daily lives, and this includes the teaching and learning activities.

He added, to ensure the success of UI Greenmetric Ranking agenda, it has been set as one of the Key Performance Index (KPI) in UMP Strategic Plan 2016-2020.

UMP gives full support and commitment for green campus initiatives. This can be seen in UMP Pekan Campus where the surrounding is still green despite the rapid growth of the campus.

UMP ranked 58th in the world in UI-GreenMetric World University Ranking 2016 for its effort in campus sustainability and environmental management.



ASHWIN DEFEATED 55 OTHER CONTESTANTS

UMP PhD student from Faculty of Chemical & Natural Resources Engineering, Ashwin Charles Benedict was crowned the winner for Asia-Pacific 3 Minute Thesis Competition at Australia on 29 September 2017. Ashwin defeated 55 others contestants from Australia, New Zealand and Asia.

What is more interesting, Ashwin was also voted as the winner for People's Choice Award in the final competition held at University of Queensland and bring home of \$1000 research travel grant.

The 3 Minute Thesis (3MT) is a research communication competition developed by University of Queensland to cultivate students' academic, presentation, and research

communication skills. Presenting in a 3MT competition increases their capacity to effectively explain their research in three minutes, in a language appropriate to a non-specialist audience.

Ashwin said, he just couldn't believe his thesis entitled Catalyzing Change: Light at the end of the Tunnel manage to draw the jury's attention thus awarded him with \$5000 research travel grant as well as funding and entry to the 2017 Falling Walls Lab Final and Conference in Berlin.

"With full support from Institute of Post Graduates Studies (IPS), Dato' Dr. Hasnah and extensive training session with experienced trainer, Dr. Chiam Kee Swan and Normala Samsudin (CMLHS

lecturer), really does helped to ensure all the research finding can be presented in 3 minutes," he elaborates further.

Meanwhile, UMP Vice-Chancellor, Professor Dato' Dr. Daing Nasir Ibrahim was very overwhelmed with this achievement. He really hope that this winning will inspire other students to participate in such program and share their research finding in a way that can be understand by others.

Together with Ashwin to the competition were Natalie Vanessa Boyou from Universiti Teknologi Malaysia (UTM) that represented Malaysia in the finale in Brisbane Australia.

FIRST BATCH OF PKLI-ECRL TRAINEES ARRIVED AT UMP



A total of 50 trainees comprising 21 diploma graduates and 29 degree graduates from various institutes of higher learning in the country had registered to undergo training in the East Coast Rail Link (ECRL) Industrial Skills Training (PLKI-ECRL) programme at Universiti Malaysia Pahang (UMP) on September 25, 2017.

The programme is conducted by Malaysian Rail Link Company (MRL). UMP has been appointed as the Focal University for PLKI-ECRL programme, implemented with the cooperation of the Ministry of Higher Education.

UMP also worked together with Beijing Jiaotong University and Southwest Jiaotong University to develop the syllabus in railway transportation.

The trainees were the first batch to undergo the training that would involve honing their skills in railway technology as well as for them to gain experience on the workings of the rail industry.

They were welcomed in a meet-and-greet session organised by MRL and UMP held at Zenith Hotel in Kuantan.

Also present at the ceremony were Minister of Higher Education, Dato' Seri Idris Jusoh, UMP Vice-Chancellor, Professor Dato' Dr. Daing Nasir Ibrahim, MRL Chief Executive Officer, Darwis Abdul Razak and China Communications Construction (ECRL) Sdn. Bhd. (CCCC) Executive, Managing Director Bai Yinzhan.

Prime Minister, Dato' Seri Mohd Najib Tun

Abdul Razak launched the ground-breaking of the ECRL project on August 10, 2017.

According to Professor Dato' Dr. Daing Nasir, the first batch of trainees comprised graduates who majored in civil engineering, mechanical engineering and electrical engineering.

He added that they would be trained in matters relating to railway technology.

"UMP is involved in the recruitment and registration of participants, the development of the syllabus and the professional and industrial training, providing teaching staff and establishing training facilities and the research and development programme.

"We are also involved in seeing to the realisation of the ministry's agenda on graduate employability.

"UMP had also introduced an elective study on railway technology through the Faculty of Mechanical Engineering which would be offered this semester," he said.

MRL CEO, Darwis Abdul Razak said the first intake of trainees had showed that they were determined and would be involved in a long-term commitment in developing the necessary engineering skills and expertise in the rail industry for the benefits for Malaysia and its people.

"Trainees will undergo a three-month training programme and will be absorbed as employees by MRL, CCCC or the subcontractors.

"We look forward to having the first batch

of trainees as employees by the first quarter of 2018 and believe that they will contribute towards the smooth implementation of this high-impact infrastructural project scheduled to be operational by 2024," he said.

Darwis also said 3,600 graduates would be trained under this programme for the next five years and that the programme had attracted much attention nationwide especially from graduates of the engineering courses.

He added that selection process was underway to pick 700 trainees by end of next year.

According to CCCC Executive Managing Director, Bai Yinzhan, the company was dedicated in its support towards the PLKI-ECRL training programme and that it would help produce professionals and experts in the rail industry including in track design and construction.

"We are pleased that the training programme has managed to attract the interest of graduates in the country and judging from the response, we are confident of meeting the target of training 3,600 of them by 2022," he said.

Bai also said CCCC which was the project's principal contractor was ready to employ the trainees once they had completed the programme.

The next batches of trainees totalling 250 are expected to register in October and November this year.

AN INSIGHT ON RISK MANAGEMENT IN INDUSTRY BY DR. HARI



By: MOHD RAIZALHILMY MOHD RAIS

More than 500 students Universiti Malaysia Pahang (UMP) participated in Industrial Talk by CEO program with Dr. Hari Narayanan, Managing Director at Motorola Solutions Malaysia Sdn. Bhd. on February 22, 2017.

This talk was organized by Faculty of Industrial Management and Faculty of Computer Systems & Software Engineering collaborated with Industry Partnership & Community Relation Office (JJIM).

According to Assistant Vice-Chancellor of JJIM, Professor Dr. Jamil Ismail, synergy between corporate leader and university expertise can escalate graduate employability. Initiative introduced by Ministry of Higher Education (MOHE) provides an opportunity to each CEO's to share their knowledge and industry experience between 20 to 30 hours a year in a host or affiliate university.

"But it turns out after nearly two years the

involvement of Dr. Hari Narayanan as CEO@Faculty at UMP, he succeeded in meeting reaches almost 100 hours until he is recognised as 'The Most Dedicated CEO' by the MOHE," he said.

Meanwhile, JJIM Acting Deputy Registrar, who is also MOHE Focal Officer in UMP, Mohd Raizalhilmly Mohd Rais said, this program is a continuation from previous CEO@Faculty program that has started two years ago involving prominent corporate leader from GLC, leading industries and highest officer in public service. Undergraduates get the chance to learn more on the best practices of administrative that enable them to think better and holistic.

The recent meeting gives Dr. Hari opportunity to share his view on risk management in project and operation where few current issue in industry were discussed. Risk management process started with planning, risk identification, qualitative

and quantitative risk analyzing and control and monitoring plan. Various method used to identify risk, including documents review, brainstorming, interviews and using Delphi Technique.

Motorola Procurement Director, Eric Yong were also involved in this session where he shared on how to choose wisely in procurement globally. Motorola aims to provide the best product for its clients at the same time focusing on service and product innovation.

Procurement plays an important role globally in ensuring its supply meet the customers need. Motorola maintain close relationship with its strategic partners world-wide to find new ideas and option and most importantly to ensure the product delivered to customers regardless any issues.



FKP RECORDS HIGHEST PERCENTAGE OF GRADUATE EMPLOYABILITY WITH 99.1 PER CENT

Three faculties of Universiti Malaysia Pahang (UMP) recorded high percentage in graduate employability (GE) throughout 2016 with Faculty of Manufacturing Engineering (FKP) topping the list with 99.1 per cent.

This was followed by Faculty of Technology Engineering (FTeK) with 97 per cent and Faculty of Industrial Science and Technology (FSTI) with 96.1 per cent.

This resulted in UMP attaining 95.1 per cent of its graduate employability over the past year, as stated in the Tracer Study (TS) record.

The achievement was announced by UMP Vice-Chancellor, Professor Dato' Dr. Daing Nasir Ibrahim during an appreciation dinner for staff who had been involved in programmes relating to GE and TS at Swiss Garden Resort Kuantan on August 27, 2017.

Also present were Assistant Vice-Chancellor (Industrial & Community Network), Professor Dr. Jamil Ismail, Registrar Abd. Hamid Majid and Career Placement and Development Centre (CPDC)

Director, Dato' Jeffrey Khor.

Professor Dato' Dr. Daing Nasir said it was indeed something to be proud of and that the accomplishment was a result of the close rapport and cooperation from CPDC, Department of Industry Partnership and Community Relation (JJIM), the faculties and UMP Centre of Responsibility

He added that various programmes were organised by CPDC and the faculties that were aimed at providing better understanding on the needs of the market and preparing the students for their future careers.

Several companies were also involved in the programmes including BP Chemicals (M) Sdn. Bhd., Kaneka (M) Sdn Bhd and TT Electronics which provided the exposure of real working experience and some insights on the challenges in a workplace.

"Other activities included initiatives taken to motivate the students and getting them involved in the 'Indie-Zone' and 'Finish Up and Move On (FUMO). They took part in mock interviews aimed at helping to build up their confidence and prepare

them for actual job interviews," he said.

He added that final-year students were shown how to prepare 'one-page resume' or OPR, so graduates of UMP would have a standard format.

He said they also took part in a boot camp programme organised by TalentCorp Malaysia that included participating in a series of skill trainings such soft skills, interview session, grooming session and ethics on clothing when attending interviews.

Professor Dato' Dr. Daing Nasir said he was optimistic that the efforts and strong commitment by all parties would result in something which was far more meaningful and of high-impact, one that would see the GE and TS agenda developing a significant meaning at the national level.

He added that next year's target was to increase the percentage to 96 per cent.

He also said the achievement would indeed have a productive impact on the university's Strategic Plan 2020 for its Strategic Leap 1, the Academic Excellence for producing well-qualified and high-quality graduates.

UMP FORGED TIES WITH SEVEN STRATEGIC PARTNERS



Universiti Malaysia Pahang (UMP) forged ties with seven strategic partners who were capable of strategically empowering the transformation of society by working together with the government, academia, industry and communities.

These collaborations would also serve to realise the university's agenda on communitising technology, in line with its aspirations as outlined in the UMP Strategic Plan (2016-2020).

The strategic partners were Perbadanan Menteri Besar Kelantan (PMBK), Institution of Engineers Malaysia (IEM), Malaysia Digital Economy Corporation Sdn. Bhd. (MDEC), Amanah Ikhtiar Malaysia (AIM), Megatech International College, Bee Park Pahang and Pahang Kelulut Entrepreneur Association.

An exchange of documents with the partners was held at Tun Abdul Razak Chancellery Banquet Hall in Pekan on February 24, 2017.

UMP was represented by Vice-Chancellor, Professor Dato' Dr. Daing Nasir Ibrahim while PMBK by its Chief Executive Officer, Haji Abdul Rashid Mohd. Yusof, IEM by its Honorary Secretary, Ir. Yam Teong Sian, MDEC by its B40 MDEC Director, Darzy Nor Halim, AIM by its Chief Operation Officer for Central Zone, Faizal Nor Laiman, Megatech International College by its Chief Executive Officer,

Murugan Chadayan, Bee Park by its Chief Executive Officer, Mat Nawi Deraman and Pahang Kelulut Entrepreneur Association by its Chairman, A. Rahman A. Hamid.

From these collaborations, UMP was poised to gain benefits as the forerunner of strategic investments for Kelantan state government, would be involved in the advancement and development of the engineering and science profession with IEM and would act as the main leader and coordinator in the economy of the country's digital industry.

Professor Dato' Dr. Daing Nasir said UMP's social role was also seen as capable of continuing to be expanded following its partnership with AIM, a financial planner agency that would provide guidance and training to entrepreneurs from poor and low-income families.

"Its engineering and technical education can be expanded too with the cooperation formed with Megatech International College and this is especially so in the fields of electrical and electronic, mechatronic and information technology.

"In the context of developing entrepreneurial ecosystem, the collaboration with Bee Park Pahang will enable UMP to venture into bee farming industry and train young and potential entrepreneurs.

"The partnership with Pahang Kelulut

Entrepreneur Association will have UMP playing a role that will help enhance the entrepreneurs' knowledge and pave an informative and innovative direction for them," he added.

He also said the industry was an important stakeholder especially in the aspect of capital investment and technical support and this would complement the contributions made in the form of knowledge, talent and technical expertise by the academia, policy intervention and political support by the government and participation and cooperation by the community.

Professor Dato' Dr. Daing Nasir said he hoped that the collaborations with the strategic partners would further extend the perimeter of its existing partnerships by exploring new areas with long-term benefits for all parties, particularly one that would collectively transform the society.

Also present at the event were Deputy Vice-Chancellor (Student Affairs & Alumni), Professor Dato' Dr. Yuserrie Zainudin, Assistant Vice-Chancellor (Corporate Affairs & Quality), Professor Dato' Dr. Ishak Ismail, Assistant Vice-Chancellor (Industrial Partnership & Community Relation), Professor Dr. Jamil Ismail and Registrar, Abd Hamid Majid.

UMP FORGED INTERNATIONAL LINK WITH INDONESIA'S TUNAS BANGSA INFORMATION AND COMPUTER MANAGEMENT ACADEMY (AMIK) AND TUNAS BANGSA HIGH-TECH HIGH SCHOOL (STIKOM).



Universiti Malaysia Pahang (UMP) signed two memorandums of understanding with Indonesia's Tunas Bangsa Information and Computer Management Academy (AMIK) and Tunas Bangsa High-Tech High School (STIKOM) in Kuantan recently.

The MoUs, which paved the way for collaborations with mutual benefits for parties involved, in areas of academic and student exchange programmes, were signed at Vistana Hotel on August 9, 2017.

UMP Vice-Chancellor, Professor Dato' Dr. Daing Nasir Ibrahim said AMIK had established ties with the university's Faculty of Computer Science and Software Engineering (FSKPP) since 2012.

The cooperation would be continued with benefits to be reaped through research, staff training programme and exchange of lecturers, undergraduates, academic material and co-curriculum, he added.

He said UMP also established ties with STIKOM

that would explore possibilities of expanding its network in international research and academic fields.

"Through this cooperation, we can share expertise in our efforts to further develop our institutes," he added.

It was also an effort to produce undergraduates who were competent and capable of facing challenges in the working world, he said.

The MoUs were signed by Professor Dato' Dr. Daing Nasir Ibrahim and Deputy Vice-Chancellor (Academic & International), Professor Dato' Dr. Rosli Mohd Yunus, representing UMP while AMIK by its Director, Dr. Rahmat Widia Sembiring and STIKOM, by its head Dr. Dedy Hartama.

Also present were Muhammad Nasir Foundation founding head H. Ahmad Ridwan Syahputra, UMP's Deputy Vice-Chancellor (Research & Innovation), Professor Dr. Mashitah Mohd Yusoff, Deputy Vice-Chancellor (Student Affairs & Alumni), Professor Dato' Dr. Yuserrie Zainuddin, Faculty

of Computer Systems & Software Engineering (FSKPP) Dean, Professor Dr. Kamal Zuhairi Zamli and Registrar, Abd Hamid Majid.

H. Ahmad Ridwan Syahputra said since the collaboration was formed, it had brought about positive impacts to the institution especially in meeting the wants and needs of the institute of higher learning so as to encourage the transfer of expertise and ideas in many fields.

He said thanks to the cooperation forged, it had helped AMIK in the processing of its accreditation, resulted in the academy acquiring good grades.

"As such, the cooperation does not only bring academic benefits to the students but also to the institute," he added.

Tunas Bangsa AMIK and Tunas Bangsa STIKOM were established by Muhammad Nasir Foundation, focusing on engineering and computer programme was one of the programmes offered.



TRIPARTITE PLKI-ECRL AGREEMENT TO BENEFIT RAIL INDUSTRY AND NRCOE

The signing of a tripartite Memorandum of Agreement (MoA) that formalised the implementation of ECRL Industrial Skills Training Programme (PLKI-ECRL) would help nurture more skilled workers for the rail industry and complement the establishment of National Rail Centre of Excellence (NRCOE).

The MoA was signed by Malaysia Rail Link Sdn. Bhd. (MRL), China Communications Construction Company Ltd (CCCC), and Universiti Malaysia Pahang (UMP) and witnessed by Minister of Higher Education, Dato' Seri Idris Jusoh.

A total of 3,600 trainees would undergo training between 2017 and 2022 in railway technology.

MRL is the programme owner for PLKI-ECRL, a project launched by Prime Minister Dato' Sri Mohd. Najib bin Tun Abdul Razak June 14, 2017 while CCCC would provide funding of RM23 million for the training under its Corporate Social Responsibility (CSR) initiative.

UMP has been identified by Ministry of Higher Education as the focal university to coordinate the training programme.

The PLKI-ECRL programme will equip

locals with the necessary skills to cater for the rail projects especially in the areas of railway design and construction. It is also in line with the set-up of NRCOE that will oversee and coordinate the quality assurance and accreditation of national rail education.

UMP was represented by UMP Vice-Chancellor, Professor Dato' Dr. Daing Nasir Ibrahim while Executive Managing Director of CCCC, Mr. Bai Yinzhan signed on behalf of its local outfit China Communications Construction Sdn. Bhd. MRL was represented by its Chief Executive Officer, Darwis Abdul Razak.

The first intake of 50 trainees comprising 21 diploma holders and 29 degree holders has commenced their three-month training at UMP on September 25, 2017. Another 300 were expected to enrol in December 2017.

The syllabus for PLKI-ECRL was formulated by two prominent universities in China - Beijing Jiaotong University and Southwest Jiaotong University. They also served as railway technology training partners with the state-owned CCCC.

MRL Chief Executive Officer, Darwis Abdul Razak said the training programme was the

brainchild of the country's prime minister to equip Malaysians with the knowledge and experience required in the rail industry through formal classes and on-the-job training.

This was in view of the ECRL mega project and other major rail projects that were in the pipeline, he added.

"We plan to train 1,000 trainees especially those from the East Coast states by the second quarter of 2018 and gradually increase the number of trainees to 3,600 by the year 2022," he said in his speech at the signing ceremony at Putrajaya on November 2, 2017.

He said trainees would mainly comprise those with degrees and diplomas in civil, mechanical and electrical engineering but those with Sijil Pelajaran Malaysia (SPM) certificate or Sijil Kemahiran Malaysia (SKM) were also eligible for the training.

He also said upon completion, the trainees would be hired by MRL - the project owner of the 688-kilometer rail track or CCCC - the project's main contractor or its subcontractors. The first batch of 50 trainees is expected to start working in the first quarter of 2018.

UMP'S SOARS HIGH IN ITS HIGH IMPACT RESEARCH WORKS



Universiti Malaysia Pahang (UMP)'s achievement in producing high-impact research works and innovations generated from research grants continued to increase with 865 projects churned out last year.

The achievement was driven by the Centres of Excellence (CoE) which were seen as being proactive in their efforts to improve the university's capacity in niche areas.

One of the CoEs was the Automotive Engineering Centre (AEC) which received the Tehnofund Grant from Ministry of Science, Technology and Innovation following its collaboration with the industries.

UMP Vice-Chancellor, Professor Dato' Dr. Daing Nasir Ibrahim said the university's accomplishment in developing a network of collaborations with international agencies was also seen as a positive feat.

UMP had formed collaborations with two international agencies - the Southeast Asian Ministers of Education Organization (SEAMEO) and Qatar National Research Fund (QNRF).

"Some of the on-going projects are Taffaqh Fiddin Lecture Information Management System (e-TFD) that is being developed together with Pahang Foundation, Sungai Kuantan Integrated River Basin Management (IRBM) Preparation Study Plan with Department of Irrigation and Drainage and the development of glutamic acid and fluorine-based ionic liquid for solid scale dissolution with Setegap Ventures Petronas Sdn. Bhd," he said during the *Cendekia Bitara* ceremony held at Zenith Hotel here on April 28, 2017.

Cendekia Bitara was held in a move to give recognition to UMP faculty members who had dominated the fields of engineering, technology

and creativity. It was officially opened by Menteri Besar of Pahang YAB Dato' Sri Diraja Haji Adnan Haji Yaakob.

Also present were Chairman of UMP Board of Directors Dato' Sri Mohd Hilmey Mohd Taib, Deputy Vice-Chancellor (Research & Innovation), Professor Dr. Mashitah Mohd Yusof who was also *Cendekia Bitara* 2016 organising committee chairman, Deputy Vice Chancellor (Academic & International), Professor Dato' Dr. Rosli Mohd Yunus and UMP Registrar Abd Hamid Majid.

Dato' Dr. Daing said in a bid to meet the aspiration of Ministry of Higher Education (KPT) to increase involvement of public universities in helping to boost productivity of private sector, UMP had played its part and made its contribution through the Public-Private Research Network (PPRN) initiative for 10 projects ending in 2016.

UMP had also signed a memorandum of understanding (MoU) with Micromidas Inc., a biotechnology company based in Sacramento, California, USA that paved the way for them to work together to develop and commercialise technology stemmed from producing bio-plastic material from palm oil mill effluent (POME).

In supporting the collaboration, UMP had already established its networking with LKPP Corporation Sdn. Bhd. (LCSB) that would serve as POME supplier and provider for the site project.

Another collaboration established was with Neopeutics Inc. that was based in San Francisco and aimed at strengthening the support system in research and development of products derived from herbs in Malaysia and marketing of herbal-based product in USA.

UMP's collaboration with Tokyo-based Eco 24 Co. Ltd had also been productive as they had

successfully developed the technology to produce environment-friendly coating for local use and at the same time, unlocked a huge potential for the university to widen its networking with other companies in Japan.

In a move to strengthen the ecosystem for commercialisation, UMP would embark on a technology-based research for marketing through the NewCleus Centre initiative – a research centre with works based on industries that were integrated into the university's ecosystem for product development, one that complemented its Industrial Technology and Engineering Creativity Space (ITECS) in UMP Pekan Campus.

NewCleus Centre has a strategic partner in US-based Switch Vehicles Inc. with possibilities of exploring into the development of electrical vehicles (EV). NewCleus Centre EV is set to be used as the successful model based on the initiative concept.

Dato' Seri Diraja Haji Adnan, in his speech, said that he was proud with the achievement attained by UMP and that the state government was very satisfied with the role it had played and contributions made.

He added that the state government would want to see the university's researchers to take a more proactive role in conducting in-depth studies in Pahang's heritage and history which had not been academically explored.

He also presented awards and prizes to 120 recipients including 83 in the journal publication category, 12 in the research product category, 14 in the patent granted category, five in the quality category, three each in the international grant and creativity categories and one announced under the *Tokoh* category.



UMP'S AINEX - A SHOW OF INNOVATIVE AND CREATIVE IDEAS

A total of 84 young researchers comprising those from secondary schools and institutes of higher learning nationwide showed off their research works at the Advanced Innovation and Engineering Exhibition 2017 (AiNEX).

The exhibition was held at Astaka Hall, Universiti Malaysia Pahang (UMP) Gambang Campus on May 3, 2017 and it was organised by the Automotive Engineering Centre (AEC).

The objective was to produce young researchers and for them to be able to channel their creative ideas in creating products that were cost-effective and environment-friendly.

AEC Director, Associate Profesor Dr Abdul Adam Abdullah said AiNEX 2017, which was held for the second time, supported the university's mission in providing high quality education, research and service in the fields of engineering and technology that acculturated creativity and innovation.

"It is a platform to groom young researchers among students in schools, public and private universities as well as other institutes of higher

learning to come up with innovations and inventions that are competitive," he said.

The event's best award went to Universiti Malaya (UM)'s Daniel Low June Weng, an undergraduate of Bio-Medical Engineering Faculty with his research work titled, *Scolios²*. He designed a tool to measure the difference in shoulder posture to detect the abnormal condition of the spine called scoliosis.

The top place for the university category won him a cash prize of RM800, a medal and a certificate.

The second place was won by UMP team through their project, *3D Copier Machine*, and they went home with RM600 while the third place went to Universiti Teknikal Malaysia Melaka (UTeM) team with their research titled, *Intelligent Al-Quran Flipper (i-QF)*. They won RM400.

Under the College/Polytechnic category, the winner was Pahang Skills Development Centre with their project, *Earth Conductor Safety and Security Relay (X-SSAR)*.

Kuantan College Polytechnic MARA (KPM)

won second place with their work on *LGP Gas Leak Detector System Using Arduino GSM Module* while third place went to Kuantan Vocational College and their work, *SOCOF (Solution of Composite Function)*.

For the school category, Sekolah Menengah Sains Hulu Selangor emerged as the winner with their project titled, *Modification Of F1 Car Rear Wing*; first runner-up went to SMK Bukit Rangin and their work, *'Charica-Eco Friendly Larvicide'* while MRSM Tun Abdul Razak in Pekan won third place with the project, *'Cubangle'*. They went home with prizes, medals and certificates.

Other participants of AiNEX 2017 included Universiti Teknologi Malaysia (UTM), Universiti Putra Malaysia (UPM), Sultan Azlan Shah Polytechnic, Perak, MRSM Kuala Kangsar, SBPI Tun Abdul Razak in Pekan, SMK LKTP Pemanis, Segamat, SMK Tanah Puteh in Kuantan and Pahang Foundation College (KYP).

UMP STUDY ON PAHANG HERITAGE – THE TERENANG CERAMIC



Many of us are not aware of the existence of Terenang, stoneware made to store water during the olden days and said to have originated from Kampung Pasir Durian, Kuala Tembeling, about an hour's drive from Jerantut town in Pahang.

Terenang is made using the traditional technique of 'pinch and squeeze' but this method is very time-consuming.

The Malaysian Handicraft Development Corporation (Kraftangan Malaysia) then introduced a modern technique, mould or cast, that brings a lot of changes in the production of Terenang.

The mould technique is used for mass production that helps to cut time and cost. It is made from plaster of paris which makes it possible to produce the ceramic in various sizes based on the function and customers' requests.

According to Mohd. Zamani Mohd. Nor Peah, a lecturer at the Tengku Ampuan Afzan Teachers' Training Institute in Kuala Lipis, he started a research on the heritage of Terenang since 2012.

Mohd. Zamani is now pursuing a doctoral degree at UMP's Centre for Modern Languages & Human Sciences (CMLHS).

He said traditionally, Terenang ceramic did not have a base and lid and that the two features were added later by craftsmen at Temin Craft Village so as to make the ceramic more attractive.

"There is no standard size for Terenang ceramic but after years of experience in pottery-making, they have come up with designs base on

the function, need and request by customers. One of them is Hajah Noriah Mat Ali, a skilled pottery maker who has developed her own style and trademark. She hails from Kampung Pasir Durian," Mohd Zamani said.

At the Temin Craft Village, Terenang is produced in three designs – without the lid and base, with the lid only and with both the lid and base.

For Terenang ceramic entrepreneur, Mohammad Zakaria, 48, the mould technique used had made it possible for the ceramic be produced in a large scale and in a shorter time such as within a day.

"It saves costs and gives us the time to focus on making some trimmings on the ceramic.

"Previously, Terenang ceramic is decorated using just a few motifs using the wooden cast to make impression on the surface but now there are all kinds of motifs.

"Another technique used to add more artistic value to the ceramic is the dipping technique (*melicau*) which gives some sheen on the product and that it can be prepared in various colours," he said.

He added that Terenang ceramic could be made to look better by having carvings, colours and other varieties of trimmings that could enhance its value and create new demands from the public.

However, Mohamad said the development of this pottery-making had been a bit worrying of late

because Hajah Noriah had stopped working due to age and health reason.

"At the moment, she and her partner Zainal Idris have been producing Terenang ceramic based on orders received from the public and even VIPs. However, the situation is now very worrying because Terenang ceramic is a hand-made skill that is handed down from the previous generations.

"And with the latest development involving Hajah Noriah, it can end just like that without anyone inheriting the skills.

"Although there are on-going efforts from Kraftangan Malaysia such as the setting up of the National Handicraft Institute that provides diploma courses in pottery making, it does not bring much impact especially for Terenang ceramic," he said.

In a related development, CMLHS lecturer, Dr. Hasnah Hussain said UMP had established the Pahang Heritage Trail cluster that would involve a research on the history of heritage in the state that would serve as a reference platform for the public.

She added that a seminar on the heritage of Terenang was held in August, hoping it would help elevate the heritage of this pottery at the international level.

She also hoped that Pahang state government would do something like the efforts taken to uplift Tenun Pahang which had now become an exclusive handicraft item.



RESEARCH PROJECTS BY FSKKP COLLECTED 3 GOLD MEDALS IN ITEX

Faculty of Computer Systems & Software Engineering (FSKKP), Universiti Malaysia Pahang (UMP) researchers won the most gold medals, collecting three out of the nine which UMP won at the International Invention, Innovation and Technology Exhibition (ITEX) 2017 at Kuala Lumpur City Convention on May 12, 2017.

They were Dr. Md Arafatur Rahman with his work titled, *'IOT Enabled Relay Network for Designing An Energy Efficient Highway Lighting System*, Dr. Abdul Rahman Ahmed Mohamed Al-Sewari with his work, *'Intelligent IOT Test List Generator* and Dr. Md Saiful Azad with his work, *'Vibration and Pattern (VAP) Code: A Smart and Secure Authentication Scheme'*.

UMP won a total of nine gold medals, 15 silver medals and one bronze medal at the exhibition.

Two gold medals were contributed by

researchers from the Faculty of Industrial Sciences & Technology (FSTI). They were Dr. Essam Abdellatif Makky Saleh with his research project, *'My-Care: 3N1 Oral Hygiene* and Dr. Natanamurugaraj Govindan with project titled, *'Nano Mouthwash from Commelina Nudiflora: As Oral Hygiene'*.

A gold medal each was contributed by Dr. Norazura Ismail from Faculty of Engineering Technology (FTEK) with her research product, *'Novel Dust Explosion Database (UMP-DEX) for Accident Prevention'*, Professor Dr. Md Mustafizur Rahman from Faculty of Mechanical Engineering (FKM) with his project, *'Water-Ethylene Glycol Based Hybrid (TIO2 and ZNO) Nano-Coolant for Sustainable Green Machining'*, Dr. Shahryar Sorooshian from Faculty of Industrial Management (FIM) through a project titled, *'E4SE: Engine for Smaller Enterprises'* and Yong Ying Mei from Centre for Modern Languages &

Human Sciences (CMLHS) with research titled, *'Mandarin for All'*.

Vice-Chancellor, Professor Dato' Dr. Daing Nasir Ibrahim congratulated all the winners, saying it was a very inspiring achievement.

It also strengthened the confidence in the inventions designed by UMP researchers which had clearly received wide recognitions and also something which could be benefitted, he added.

ITEX 2017 is an exhibition organised by Malaysia Invention and Design Society (MINDS), attracting more than 1,000 research products from various agencies, in the country and abroad.

Among the countries that took part were Indonesia, Taiwan, Korea, Iran, Thailand, Kuwait, Poland and Bahrain.

UMP's booth was also announced as the best booth in the exhibition.

OUTSTANDING ACHIEVEMENT FOR UMP IN PECIPTA 2017



Universiti Malaysia Pahang (UMP) won six gold medals, two silver medals and seven bronze medals in the International Conference and Exposition on Invention by Institutions of Higher Learning (PeciPTA) 2017.

It was held at the Gong Badak state indoor stadium in Kuala Nerus, Terengganu on October 9, 2017.

Dr. Noormazlinah Ahmad from Faculty of Chemical & Natural Resources Engineering won a gold medal with her research work titled, *“Oligowell: Inulin Complex from Two Steps Production by Using Agricultural Desolation”*. It was the latest innovation in producing prebiotic or more known as OLIGOWELL™-Inulin Complex Inulin.

According to Dr. Noormazlinah, Inulin was widely found in China, United Kingdom and Germany that focused on the extraction process on the raw ingredient, Chicory root.

She said there was high demand of prebiotic in food and drink that led to the high price of the ingredient.

“It is a significant innovation as it does not only supply the only type of prebiotic (Inulin) but it also infuses the alternative sweetener, fructo-oligosaccharide (FOS) that is essential to infant and diabetic patients.

“These two main ingredients make this product more complex and give optimum effect to people from all walks of life,” she said.

Furthermore, the making on Inulin was unique as it used the reaction between enzyme and local fruits in the green bioprocess method instead of extracting from the solvent she added.

“As such, the innovation made OLIGOWELL™ -Inulin Complex the first to be produced with such a method in Malaysia and internationally,” she said.

The other gold medals were contributed by Professor Dr. Hayder A. Abdul Bari (Novel Fabrication Method of Medical Pre-Testing Microfluidics Blood Flow Chip), Mohd Najib Razali (G-TREAT: Smart System for Water Sustainability), Dr. Muzamir Hasan (Encased Bottom Ash Column: Sustainable Ground Improvement Method), Abdul Syukor Abd Razak (Pisoptera®: Novel Green Technology Solution for Eliminating Subterranean Termite) and Professor Dr. Md. Mustafizur Rahman (Novel Tool-Wear Mapping for Nano-Coolant Based Green Machining Process).

The silver medals were contributed by Dr. Yasir Hashim Naif (Flood Monitoring System) and Dr. Vo Nguyen Dai Viet (A Reactor for Hydrogen Production with Low CO2 Emission).

The bronze medals were contributed by CMLHS’s Associate Professor Dr. Muhammad Nubli

Abdul Wahab (Bio Psychotherapy Kit), Associate Professor Dr. Mahadzir Ishak (Pulse Wave Mode Technique of Low Power Fibre Laser for Metal Welding), Dr. Ftwi Yohannes Hagos (Tri-Fuel Emulsion as Environmental Friendly Alternative Fuel) and Associate Professor Dr. Gaanty Pragas Maniam (Food for Fatty Algae).

Others included Associate Professor Dr. Khairunisa Muthusamy (Concrete: Environmental Friendly And Low Cost Material), Associate Professor Dr Arun Gupta (MDF-Soft a Simulation Software for Wood Composite Industry) and Dr. Muhammad Nomani Kabir (A Web-Extension for Authentication of Online Quran Texts).

Professor Dr. Hayder A. Abdul Bari also won a Special Award for his project, Novel Fabrication Method of Medical Pre-Testing Microfluidics Blood Flow Chip.

PeciPTA 2017 was organised by Ministry of Higher Education in collaboration with Universiti Malaysia Terengganu (UMT) and Universiti Sultan Zainal Abidin (UnisZA).

Higher Education Minister, Dato’ Seri Idris Jusoh officiated the event. Also present was UMP Vice-Chancellor, Professor Dato’ Dr. Daing Nasir Ibrahim.



MANDARIN FOR ALL: BOOK 1 MODULE WON THE BEST EDUCATION BOOK AT NATIONAL BOOK AWARD

By: SHALFARINA SHAHRIMAN

Mandarin For All: Book 1 written by senior language teacher Yong Ying Mei of Centre of Modern Languages & Human Sciences (CMLHS) won Best Education Book at the National Book Award which was held in Seri Pacific Hotel, Kuala Lumpur on May 2, 2017.

It was a fitting accomplishment because the quality of the book met the Common European Framework Reference of Language (CEFR).

Assessment carried out by the National Book Award professional evaluator panel picked the book published by UMP Publisher as a winner based on the criteria of it meeting the international standard, as required by Ministry of Higher Education for

books to be used by university students in the country.

Yong said the book contained the Hanyu Shuiping Kaoshi (HSK) syllabus which was recognised worldwide and also used the Audio QR Code, adding, these were the winning features that clinched the award.

“The objective of writing this book is to help non-Chinese students to master the Mandarin language instantly.

“This has been proven when UMP students passed the HSK test with flying colours within 28 hours. It also enhanced their focus in mastering the listening and oral skill. The format is designed to be

akin to the HSK test format.

“My writing partner, Cheng ChingYee and I are very grateful to our Dean and Publisher for helping us to publish this book,” she said.

UMP Publisher Director, Associate Professor Dr. Mohd Ghani Awang said the success was a result of the writer’s hard work in producing the best module for students wanting to learn Mandarin.

He also said UMP Publisher formed a strategic relationship with the lecturers here to ensure that book published were of quality and met the needs of students as well as that of international standard, and as such, the books could be extensively marketed.



DIACLEAN - ECO FRIENDLY PRODUCT FOR KIDNEY DISEASE PATIENT

It is an outstanding achievement for Universiti Malaysia Pahang (UMP) researchers when they succeeded in producing synthetic kidney filter cleansing product to be used in hemodialysis process.

Known as Diaclean, it is an eco-friendly cost saving product suitable for all types of dialysis. Adding up to its outstanding achievement, Diaclean has won gold medal and Best of the Best Award in Creation, Innovation & Research Exposition 2012 (CITREX' 12).

Diaclean is a research product by Professor Dato' Dr. Zularisam Ab Wahid, who is a Director at UMP Renal Care Sdn. Bhd. (subsidiary of UMP). He, who is also Dean of Faculty of Engineering Technology said, the idea for this research came when he see the cost borne by the patients for dialysis treatment at Hemodialysis Treatment Center.

He started the research on 2008 with the grant from UMP and Ministry of Science, Technology & Innovation (MOSTI) and starts to market the

product since 2014.

"Diaclean is a product that could help save the hemodialysis cost the patient and the treatment center needs to pay. Although the price is cheaper, but the quality is comparable to international product and it able to clean synthetic kidney filter for much more," said Dato' Zularisam.

He uttered, Diaclean is the first local product ever been produced for kidney disease patients, for they have been using international product all this while.

"Price for Diaclean is RM300 for 10 liters, which is cheaper compared to product produced by United States that is RM 570 for the same liter.

"The patients need to undergo hemodialysis treatment process eight to 12 times monthly, but with Diaclean, the money spent for the treatment could be reduce since Diaclean is able to clean synthetic kidney filter up to 10 to 15 times.

"What is more interesting, this product can be used undoubtedly since it has been awarded halal certification from Department of Islamic

Development Malaysia (JAKIM) and we are the first to produce such product," added Dato' Zularisam.

He said, Diaclean was rated ISO 13485:2003 for its quality and for using green technology. Vinegar is the main substance in Diaclean and it is produced to suit Malaysian nutritional dietary and all kind of hemodialysis equipment.

"International products are sometimes is not compatible to be used with hemodialysis equipment in Malaysia, but with Diaclean, the problem is solved because it is produced to meet our local diet," he said.

Islam Makmur Hemodialysis Center and Fitra Dialysis Treatment Center are among the dialysis centers used this product. He really hopes that Diaclean will be beneficial to the community and treatment center, including government hospitals. Some of them have agreed but subject to approval by Medical Device Act.

To date, Diaclean has been used by 250 patients in nine dialysis center nationwide.



UMP AND BH TO SUPPORT CONTINUOUS EDUCATION

Universiti Malaysia Pahang (UMP) and Berita Harian (BH) fulfilled their social responsibility by donating a gazebo equipped with green technology solar LED lights beneficial for SMK Sungai Soi community on May 25, 2017.

SMK Sungai Soi is among six schools in Malaysia to receive the contribution in conjunction with BH 60th Birthday this year.

The element of energy-saving applied to this gazebo by using solar system and LED technology for its electricity supply. Solar panels with the capacity of 20W, 12V equipped with a system that could charge a battery of 12V 7.2AH power and could turn on the 18W LED light are being installed at this gazebo.

This solar panel will be operating from dusk till dawn. More interestingly, this system can be upgraded and can be used to charge a cellphone and other electrical use in the future.

According to Deputy Vice-Chancellor (Academic & International), Professor Dato' Dr. Rosli Mohd Yunus, this smart partnership enables the university to play more constructive role in realizing the UMP Strategic plan 2016-2020 that carries the theme 'Communitising Technology' by applying skills and expertise that can be utilized for the benefit of local community.

"It is the intention of UMP to communitising its existence as an institution of higher learning education with the focus of not only on offering mainstream academic programs, but also as a

social institution which catalyze the improvement of literacy knowledge and skills to other community members.

"The implementation of Solar System Project in this school was to support green technology and to ensure continuous supply of electricity as well as to lessen the greenhouse effect due to the release of carbon dioxide that can increase the normal temperature," he added.

He also said that, Faculty of Industrial Sciences & Technology (FIST) UMP has recently held a social service program entitled 'Lighting Up the Community' and had the lighting system using solar power installed at Sekolah Menengah Sains Sultan Haji Ahmad Shah (SEMSAS).

The installation of this lighting system not only provide an opportunity for the school orchestra, Jasa Winds Orchestra to have the training session at night but also to provide knowledge on photovoltaic technology as well as promoting green technology to the school students.

East Coast Economic Region (ECER) and UAE show their full support to this program by offering 30 place for the student to enroll in empower ECER Academic Skills Training Program.

Since 2015, 30 PT3 candidate and 30 SPM candidate has been selected to join this program. As for today, 60 students has been selected to join empower SMART program handle by UMP lecturers and with the assistance of UMP students.

Meanwhile, according to Mohamad Rozi,

to date, 7,438 has participated in Academic Skills Training Program while 500 participated in Entrepreneur & Skills Training Program making it a total of 7,938 participants has been and currently enrolled in empower ECER program in the district of Pekan, Kuantan and Bera from 2012 until now. These student will have to complete seven training modules, which is Empower Boot camp, Empower Q-Gen, Empower SMART (Science, Mathematic, Reseach & Technology), Empower GIGvaganva (Get Into Grammar), Empower Outreach, Empower Edu-Tour and Empower V.A.K (Visual, Audio & Kinesthetic). All these modules have been specially designed and approved by UMP.

The gazebo was presented by Deputy Editor of Berita Harian (BH) Group, Datuk Othman Badrulhisham together with Professor Dato' Dr. Rosli Mohd Yunus to SMK Sungai Soi Headmaster, Haji Mahadzahir Hanafiah.

Also present were Kuantan Deputy District Officer, Haji Yaakob Zaidin, CEO of UMP Advanced Education (UAE), Mohamad Rozi Hassan, Director of German Academic and Career Centre (GACC), Dr. Muhamad Mat Noor, Head of Bureau for Berita Harian Pahang, Abd. Razak Raaf, General Manager of Department of Socio-Economic and UMP ECER Special Projects, Zainal Bahari and lecturer from Center for Modern Languages & Human Sciences (CMLHS), Jamilah Bebe Mohamad.

FARMER'S ROUTINE ENDURANCE CHALLENGE FOR UMP VOLUNTEERS



By: MUHAMAD FIRDAUS AZMAN, NURNATASHA EIZREENA ATIQAH ABDULLAH, MUHAMMAD IQBAL BASIRUDIN, KHAIRUNNITA SAFITRI TAHIR AND EZWAN SHAH MOHD NORDIN

It is normal to test physical endurance with outdoors activities such as hiking or long distance cycling, but for 20 students from InSmartive they choose to test their endurance by experiencing the life as a breeder in a three days program of Semaian Budi Project.

With the themes "From Campus to Community", this students were expose to the modern, systematic and integrated farming management at DSaba Agro Farm located at Kampung Permatang Pauh and Haji Jelalin Farm at Kampung Penadah, Pekan on February 12, 2017.

Project Manager, Nurnatasha Eizreena Atiqah Abdullah, 20, who is also a 2nd year student from

Faculty of Chemical & Natural Resources Engineering said, this project also aim in developing leadership skill among participants especially in the aspect of teamwork and responsibility on the task given.

As for InSmartive President who is also a postgraduates student in Master of Industrial Technology Management under the Faculty of Industrial Management, Asraf Ahmad, 26, although the project only took three days, but the breeder's routine that they experienced teaches them patience and comprehensiveness in the context of good leadership.

"Participants gone through a very hectic activities scheduled by the management of the

farms.

They get the chance to experience cleaning the stockyard, bathing the animals, harvesting Napier grass, processing manure to be used as fertilizer, feeding the animals and also slaughtering techniques as experienced by other workers there", he said.

Meanwhile, DSaba Agro Farm Manager said, Noraini Mat Hassan, they appreciate commitment and efforts showed by UMP in giving training and exposure that can open the student's mind to consider entrepreneurship as a career after graduating.



COMMUNITY SERVICE BY UMP AND PKPP HELPED IMPROVE LIFE QUALITY OF ORPHANS AFFECTED BY ACEH TSUNAMI



In line with its motto, Communitising Technology, Universiti Malaysia Pahang (UMP) worked together with UMP Women Association (Matahari) and Perbadanan Kemajuan Pertanian Pahang (PKPP) in organising a community service programme that helped enhanced the quality of life of orphans and victims of the Aceh Tsunami.

Forty volunteers took part in the humanitarian mission programme called, 'We Love, We Care', carried out at the Nurul Dayah welfare home in Banda Aceh, Indonesia on May 11, 2017.

It was the second time such a programme was held with the volunteers immersing themselves in various activities such as cleaning up the area, upgrading the water pond for cooking purposes, painting works and setting up a mini library that they hoped would help instil the importance of education among the children.

Assistant Vice-Chancellor (Corporate Affairs & Quality), Professor Dato' Dr. Ishak Ismail said apart from providing contributions that would help them relishing in some basic but better essential needs, the programme also focused on creating awareness on personal hygiene by having health checks and

oral care as well as creating awareness on the importance of education.

He said in the first mission, UMP had installed a water filter system that supplied clean water supply and lamps that provided better lighting in the welfare home.

"This time around, we set up a mini library with a comfortable reading corner for the children. We also brought along new school uniforms for 40 children to boost their spirits so they would be hard-working schoolchildren.

"Apart from the mobility programme organised by the undergraduates, the effort is also seen as an initiative to support UMP's agenda on volunteering. This is in line with its aim to be known as a Community University with its social service work recognised internationally," he added.

According to PKPP Social Project Development Manager, Roslan Mohd Ali, the collaboration with UMP gave the agency the opportunity to be part of the community service programme.

"The agency gave out contributions and helped to prepare food feast, upgrade the facilities and join in the many activities with the children,"

he said.

Also present at the event were Universitas Teuku Umar (UTU) Rector, Professor Dr. Jasman J. Ma'ruf and his wife Ardawalisa Abdurahman, who is also UTU Charity head, who readily provided information about the welfare home.

The welfare home caretaker Abu Khushairi Nordin, 32, said they were grateful with the many contributions given including from UMP as these had brought a lot of cheers to them.

He added that the essential items contributed would help with their daily needs especially in the month of Ramadan.

One of the volunteers, Razita Syahirah Mustafar of Faculty of Computer Systems & Software Engineering (FSKPP) said staying with the orphans was a truly insightful experience and called on undergraduates to be actively involved in volunteer works to help those in need.

Muhammad Asraf Badarunzaman of Faculty of Civil Engineering & Earth Resources (FKASA) said he had the opportunity to help with upgrading works of the pond so clean water could be supplied.



THE CHALLENGES OF AN EFFECTIVE MANAGEMENT CONTROL SYSTEM IN FOURTH INDUSTRIAL REVOLUTION

More than 800 students and staff from Faculty of Industrial Management (FIM), Universiti Malaysia Pahang (UMP) attended a public lecture programme by Deputy Vice-Chancellor (Student Affairs & Alumni), Professor Dato' Dr. Yuserrie Zainuddin.

The event was organised by FIM and Department of Academic & International and aimed at giving an insight on the Fourth Industrial Revolution (Industry 4.0). The talk was held at Astaka Hall, UMP Gambang Campus on October 10, 2017.

According to Professor Dato' Dr. Yuserrie Zainuddin, Industry 4.0 was first used by the German government in 2011 where it involved the integration of robotics and computers in manufacturing, taking advantage of technological and communications advances. The shift promised pure transparency in daily operations but with a reduction in human dependency.

"There are nine pillars that form the

foundation of Industry 4.0 - autonomous robots, simulation, big data, cloud computing, industrial internet of things, cyber security, augmented reality, horizontal and vertical system integration and additive manufacturing. It is important that we understand what makes Industry 4.0 and only then can we know how to face the challenges it brings and how to strive through it," he added.

He said challenges in Industry 4.0 resulted in changes and non-uniformity in organisational management and among the challenges were demographic differences, variety in management of demographic development, market networking and the scarcity of well-trained young professionals.

"To deal with the challenges of Industry 4.0, a few methods have been identified that will be implemented in management control system. There are interactions between organisational strategy and management control system, identify

the decision, action and personal control form, determine personnel motivational plan, delegation of responsibility and rewarding system," he added.

In his conclusion, he stressed the importance and efficiency of management control system in ensuring the excellence of an organisation and emphasized that Industry 4.0 requires would change operational approach and organizational management.

He added that the focus on control management system would include resources, strategy, management outcome, budgeting and organisational structure, and if these challenges were well handled, excellence and quality of an organisation would be sustained.

Also present at the talk were Assistant Vice-Chancellor (Corporate & Quality Affairs), Professor Dato' Dr. Ishak Ismail, Registrar, Abd. Hamid Majid and Bursar, Zainudin Othman.

GHANI FORMAT LEARNING METHOD (GFLM) HELPS MEMORISE DIFFICULT FACTS



More than 300 PT3 and SPM candidates from Pekan and Kuantan got to learn how to effectively take notes based on Ghani Format Learning Method (GFLM) at a programme in UMP Pekan Campus on September 29, 2017.

The programme was organised by East Coast Economic Region (ECER) involving six secondary schools - SMK Seri Mahkota, SMK Tanjong Lumpur, SMK Sungai Soi, SMK Lepar, SMK Dato Mahmud Mat and SMK Paloh Hinai.

Assessment Officer from Pahang State Education Department (JPNP) also attended the programme.

GFLM was created by Associate Professor

Dr. Mohd Ghani Awang in which he introduced techniques on how to simplify complex facts into smaller unit that could be easily remembered and helped students to answer questions.

GFLM has been implemented in schools in the east coast since 2007 with workshops conducted by ECER.

"In principle, this learning method focuses on the sequence and identifies essential point as stated in GFLM Chart which forms a new understanding method. It is useful in learning and memorising facts in subjects such as Biology, Chemistry, Science and History.

"In addition to that, we also have GFLM notes

and a collection of past SPM examination papers in printed form, CDs and in GFLM website. These can be used for reference made easy," said Dr. Mohd Ghani.

A teacher from SMK Lepar, Noraziah Abdul Hamid, said the format really helped the students and they found it easier to memorise, adding, it was flexible enough to use.

"I really hope that GFLM can be introduced to teachers teaching subjects such as Chemistry, Biology and other difficult subjects.

"The GFLM Chart can be translated into a teaching plan and teachers can widely help enhance the student-centred approach," she added.

FSKKP POSTGRADUATE DAY 2017



By: ASSOCIATE PROFESSOR DR. MAZLINA ABD MAJID

Faculty of Computer Systems & Software Engineering (FSKKP) Postgraduate Day was a successful event with two programmes organised by the FSKKP Postgraduate Society on April 26, 2017.

The programmes were FSKKP Poster Competition and FSKKP Postgraduate Dinner.

FSKKP Poster Competition was carried out at Block X, UMP Gambang Campus. It was part of a colloquium activity and aimed at encouraging postgraduate students to produce quality research and improve skills in communication and when doing presentation.

The competition was divided into two categories - PhD and Master, attracting 75 participants which showed their commitment on producing quality research.

Winners from both categories received

cash prizes with the first taking home RM300, second place with RM200 and third with RM100. Certificates of participation were given to all the poster presenters.

The Postgraduate Dinner and Appreciation Night was held on the same day at Mangala Resort & Spa which was more of a social gathering where students mingled with their supervisors and had casual chats about their accomplishments and commitment towards the faculty. The programme began at 8:30 pm with a doa recital.

The closing of the Postgraduate Day was by FSKKP Dean, Professor Dr. Kamal Zuhairi Zamli who delivered an inspiring speech.

Various awards were presented such as Best Thesis, Best Supportive Postgraduate Students and Best Supportive Alumni to deserving recipients.

There were also performances from students

who were from Malaysia, Yemen, Sudan and Nigeria and they entertained the guests with their thrilling acts.

The Malaysian group sang and performed a cultural dance while the Yemeni students and African students dazzled the guests with their exciting dances.

Special prizes were given to the best two performance groups.

A total of 12 prizes were also given to lucky winners for various categories such as the best dress that went to two staff members from the faculty, two postgraduate students were picked as best supportive postgraduate (male and female) and two were crowned as the Prince and Princess of the night.

DRIVING A SUSTAINABLE FUTURE WITH TVET



UMP Technical and Vocational Education Training (TVET) Research Exhibition was held for two days at UMP Gambang Sports Complex on September 20, 2017 and it was a success with almost 100 researchers taking part in the event.

They shared their ideas and opinions on the how to empower and strengthen technical and vocational education training in the country.

The event was organised by Centre for Academic Innovation & Competitiveness (CAIC) and officially opened by Science, Technology & Innovation Deputy Minister, Datuk Wira Dr. Abu Bakar Mohamad Diah.

Among the guests were UMP Vice-Chancellor, Professor Dato' Dr. Daing Nasir Ibrahim, Deputy Vice-Chancellor (Academic & International), Professor Dato' Dr. Rosli Mohd Yunus and Malaysian Board of Technologists (MBOT) Deputy Registrar, Mohd Khairuddin Rais.

According to Datuk Wira Dr. Abu Bakar,

the establishment of MBOT was significant in transforming the TVET ecosystem to develop a highly-skilled workforce to drive the country into becoming a developed country.

He said there was a need to focus on strengthening the networking between MBOT and public universities in the country such as Universiti Malaysia Pahang (UMP), Universiti Tun Hussein Onn Malaysia (UTHM), Universiti Teknikal Malaysia Melaka (UTeM) and Universiti Malaysia Perlis (UniMAP).

Dato' Dr. Daing Nasir also said the 'Driving Sustainable Future with TVET' theme was in line with the government's aspiration in promoting TVET and in creating awareness among undergraduates to showcase their TVET innovations.

Other universities that took part in the exhibition were Universiti Teknologi Petronas (UTP), Universiti Teknologi MARA (UiTM), Universiti Teknikal Malaysia Melaka (UTeM), Universiti

Pendidikan Sultan Idris (UPSI), TATI Universiti Kolej and IKBN Besut.

Some of the activities that were conducted included a session where successful people shared the stories of their journeys such as Wan Nazri Wan Aria, a Professional Technologist (TS) and the man behind the iconic Mecca clock tower.

There was also a forum titled, 'Engineering Technology: From the Perspective of English Speaking World vs. Continental World' that involved prominent panellists - President of Malaysian Board of Technologists (MBOT), Tan Sri Dato' Dr. TS. Ahmad Zaidee Laidin, Professor Dr.-Ing. Hans-Werner Dorschner from Karlsruhe University Of Applied Sciences (HsKA) and Chief Operation Officer of Stormwater Management and Road Tunnel (SMART), Sharifah Alauyah Wan Othman, CAIC Director, Associate Professor Dr. Mohd Rusllim Mohamed acted as the moderator.



SHARING THE JOY CELEBRATING EID UL FTRI

Nothing is much happier than to see the smile on the faces of these orphans, *asnaf* and the disabled when they were given the opportunity to shop for *Aidilfitri* at Mydin Hypermarket in Kuantan on June 21, 2017.

Donation in forms of *hari raya* clothes and cookies were distribute in *Baju Raya Matahari* Project, a collaboration project by Universiti Malaysia Pahang (UMP) and UMP Women's Association (Matahari), in conjunction with Jejak Asnaf program, a program under MyGift initiatives introduced by the university.

Also present in this program were Deputy Vice-Chancellor (Student Affairs & Alumni), Professor Dato' Dr. Yuserrie Zainuddin and Matahari President, Professor Datin Dr. Mimi Sakinah Abdul Munaim.

According to Professor Dato' Dr. Yuserrie, this program is a continuity from MyGift program that has been done throughout the year focusing to help the local community. This donation could at least help to ease their burden and give them the opportunity to celebrate *Aidilfitri*.

Professor Datin Dr. Mimi Sakinah said, Matahari always look for opportunity where they can lend a helping hand to help single mother, orphans and *asnaf*. In this month of Ramadan, they have helped more than 200 people by donating basic needs, health kit and also *hari raya* cookies.

Volunteers from Registry Department, Islamic Centre & Human Development and Matahari members help distributing the donations.

SHARE-A-MEAL PROJECT FOR UNDERGRADUATES DURING THE EXAMINATION WEEK



By: NOR FADZILLAH ZULKIFLI

The experience of buying cheap meals as low as RM1 especially during the periods leading to the examination week in Universiti Malaysia Pahang (UMP) was something that would always be remembered by the undergraduates.

The programme, 'Share-A-Meal Project 2.0', organised by the Student Affairs and Alumni Department (JHEPA) was an initiative where lunch packs that included drinks were prepared and sold as low as RM1 each. It was carried out from January 3-7, 2017.

The project was already into its second year and organised to help lessen the financial burden of undergraduates especially the needy ones.

It was carried out at both the campuses in Gambang and Pekan and received encouraging response from the undergraduates.

Also present to distribute the food packs was Deputy Vice-Chancellor (Student Affairs and Alumni), Professor Dato' Dr. Yusserie Zainuddin.

"JHEPA has always been concerned about issues relating to the undergraduates so we tried to help as much as possible, and they can focus on the examination and not be distracted while studying.

"Under this project, they only need to pay RM1 for the lunch packs and show their student's card. All the undergraduates are eligible for this project," he said.

He added that UMP was serious in dealing with welfare issues involving the undergraduates and would always enhance its efforts to help those in need and one of the ways was by introducing UMP MyGift initiative.

The initiative was aimed at encouraging staff, members of the public and corporate bodies to donate for a good cause, he said, adding, they could do so through the various funds and endowment facilities available.

Professor Dato' Dr. Yusserie also said the programme targeted those from the less fortunate

background and those facing problems with their study loans, whom to a point, had to go hungry because of financial constraint.

"This would normally occur during the examination week," he added.

He also expressed his gratitude to corporate bodies and other donors who contributed to the 'Share-A-Meal' project.

He hoped it would help to inculcate the culture of giving and at the same time, make knowledge a thriving activity.

It would also add more to the university's worth and realise its Strategic Plan (2016-2020) with the theme 'Creating Glory,' he said.

Nur Sakinah Tajuddin from Faculty of Electrical & Electronics Engineering, 22, said it was quite a normal thing among them to face some financial constraints during the end of the semester and that the RM1 meal was definitely a blessing that helped lessen their problem.



UMP VOLUNTEERS IN HUMANITARIAN MISSION IN CAMBODIA

Ten undergraduates and two officers from Universiti Malaysia Pahang (UMP) took time off to be volunteers in a humanitarian mission in Cambodia which began on June 18, 2017.

The volunteers carried out community service works at two villages, Kampung Cham and Kampung An Crait.

The programme was organised by the Student Affairs and Alumni Department, with the cooperation of the The Vice-Chancellor Office.

It was UMP-Cambodia Humanitarian Mission VI Series, a continuation to the community work carried out to help reduce the burden and improve the level of education of Muslim community in the selected villages.

Among the activities carried out were a motivational programme for children at Dubai

Islamic School and a mass cooking session for a feast with the villagers in Kampung Cham.

According to Programme Director, Nur Ayuni Hasna said, during the nine-kilometre journey from Phnom Penh to their destination, they saw for themselves that the people were still left behind by development as compared to the kind of facilities enjoyed by people in Malaysia.

She added that upon arrival, they were received with very warm welcome.

On the programme, Nur Ayuni said it reflected the concern of UMP staff and students on the poverty and inadequacy of the living condition of Muslim community in Cambodia.

She also said the motivational programme took on a different approach with the children taking part in activities focusing on design and

innovation, adding, 20 children took part in the programme.

"It was well-received by the teachers and this had helped to enhance the children's creativity," she added.

She said they also carried out programmes with the community at Kampung An Crait where they painted and beautified the fences of Jrai Andrait Islamic School and held motivational and educational programme in mathematics for the children.

The programme involved more than 100 children of Kampung An Crait and the villagers reciprocated by giving them a very warm response. They also received daily essential items.

UMP RMN PALAPES HEAD WAS FIRST RUNNER-UP AT MANDARIN LANGUAGE COMPETITION



Universiti Malaysia Pahang (UMP) undergraduate Fahmi Muhamad Rasyid Rabuan won second place in the national-level Chinese Bridge Competition 2017 that was held at Kong Zi Institute, Universiti Malaya (UM) on May 13, 2017.

Fahmi is an undergraduate at Faculty of Chemical & Natural Resources Engineering (FKKSA) and also UMP Royal Malaysian Navy (RMN) Reserve Officer Training Unit (Palapes) Head.

The win won him a July trip to China, courtesy of the China National Office for Teaching Mandarin as a Foreign Language.

Mandarin Language and Cultural Centre (MLCC) Director, Yong Ying Mei said that in his public speaking, Fahmi delivered a topic titled, 'My Ambition', of which he spoke about the

responsibility of being a Palapes officer and making his service mattered to the nation.

His fluency in the language and the topic he spoke about attracted the judges and audience, Yong said.

"Apart from the way he carried himself during the question and session that captivated the judges, Fahmi also delighted them and the audience by performing the Chinese yoyo," she added.

She also said Fahmi was the champion for Mandarin Oral competition that was held in UMP in March which qualified him to represent the university at the national-level competition.

Fahmi said he was grateful to the support showed by his family especially his mother who would always encourage and motivate him and that

he dedicated the win to his mother in conjunction with Mother's Day celebrated in May.

He also thanked Yong who was his coach, for the guidance showed for the question and answer session as well as the audition session.

"Another coach that was involved in the preparation for the competition was Cheng Ching Yee who taught me on the technique in public speaking," he said.

The Chinese Bridge Competition is held for non-Chinese students studying in colleges and universities and their proficiency are tested through public speaking, in question and answer session and audition.

The competition attracted 26 participants from 11 universities in the country.

COMMUNITISING TECHNOLOGY: MUSHROOM CULTIVATION PROJECT BY UMP ISKANDAR



Thirteen Universiti Malaysia Pahang (UMP) undergraduates from the *Sekretariat Ikatan Siswa Anak Darul Ta'zim* (ISKANDAR) took part in a mushroom cultivation project aimed at helping to increase the income of people in Kampung Sepinang, Segamat, Johor.

The project was organised on February 9, 2017 with the undergraduates providing guidance in growing *Volvariella Volvacea* mushroom.

According to ISKANDAR Advisor, Abd. Rahman Haji Safie, the programme was drawn on the National Blue Ocean Strategy (NBOS) which involved participants from UMP, residents and government agencies.

Abd. Rahman who is also UMP Sports and Culture Centre Director said all of them worked together in providing ideas and efforts on the project which in turn, gave new knowledge to the undergraduates and benefitted the locals.

"The project also received support from Buloh Kasap state assemblywoman YB Norshida Ibrahim, Segamat district officer Haji Mohd Haffiz Haji Ahmad and the state agriculture department.

"The involvement of UMP undergraduates in this project is something that we are proud

of because those involved did not have any background in the agriculture field.

"Although most of them are studying engineering and technology courses, they were still able to learn and manage the project until it became successful.

"They were competent and able to act as consultants to help the low-income residents in Johor to carry out the farming project," he said.

In fact, they planned to expand the mushroom cultivation project in Pahang and to use it as a platform to encourage other undergraduates to spend some time off to help society in the country, he added.

According to the programme director Muhammad Alif Mahiddin, 23, a third-year undergraduate of Faculty of Chemical & Natural Resources Engineering, the project could help increase income of participants as well as provide knowledge on the concept of cultivation and business.

"The mushroom is grown using a method introduced by the Padang Terap district agriculture office, using empty fruit bunch as the cultivation medium. The cost is low and easy to manage,

allowing it to be run on a part-time basis. As such, the participants could still work on their existing crops," he said.

This project was carried out under the *Duta Jauhar* programme, a programme mooted by Menteri Besar of Johor Dato' Seri Mohamed Khaled Nordin and managed by Johor Education Foundation.

It was aimed at enhancing the economy of Johor people by getting undergraduates from public and private universities nationwide to render their services to the society based on their skills and knowledge.

In this project, participants were taught on crop production, the method of cultivation and ways to market the products around Segamat as mushroom was not a common product among the locals and that it had a short lifespan of one day.

Currently, efforts were underway to commercialise the product into mushroom floss which could last longer.

One of the participants, Nor Ashikin Chin Abdullah, 43, said she was fortunate to be selected in the project as it would help increase her family's income.



5 UNDERGRADUATES ENJOYED DIFFERENT EXPERIENCE IN CHINA

By: JUNAIDI RAHMAN

Five Universiti Malaysia Pahang (UMP) undergraduates were selected to undergo a mobility programme, *From South to North*, which was organised by Residential College 2 Student Representative (PEKA 2) with the cooperation of Faculty Electrical & Electronics Engineering (FKEE).

They went to Guangzhou, China on March 31, 2017 and spent four days in the city that included visiting several places such as the Guilin University of Electronic Technology (GUET) where they took part in a practical training session involving the BeiDou Satellite. The programme had been made possible with the cooperation of GUET research centre.

They also took part in the BeiDou Training and attended the Academic Exchange with ASEAN International Conference. Among those who attended the event were GUET Rector Professor Haiou Li, Guilin Technology Director Professor

Guisheng Liao, GUET lecturer, Professor Yuanfa Ji and FKEE Dean, Professor Ir. Dr. Kamarul Hawari Ghazali.

Apart from the academic activities, UMP team challenged the GUET team to a match of volleyball aimed at fostering better ties between the two universities.

According to Professor Ir. Dr. Kamarul Hawari, the practical training session on BeiDou Satellite used by China in developing its telecommunication.

"The visit gives the undergraduates an opportunity to gain some experience and bring home new ideas on ways to help improve the current technology already existed in Malaysia," he said.

The UMP delegation also met Ambassador of Malaysia, Muzambli Markam, in Guangzhou and a discussion was held with Deputy President

of the Council of Commerce, Malaysia External Trade Development Corporation (MATRADE) Azhar Othman on opportunities for those interested to venture into business in China.

One of the participants, Thor Kait Wei, 24, said a programme such as this could help foster ties at the international level with various activities organised to promote leadership qualities and culture.

Thor also said it served as a platform for undergraduates to experience and learn about principles in leadership and discipline of knowledge practised in the country, adding, it was an exposure for them to strive to be highly competitive.

Thor said the learning environment abroad was probably different from the learning system in Malaysia and that the experience gained was something else.

UMP TO HOST SUKUM 2018



Universiti Malaysia Pahang (UMP) is set to host the 43rd Malaysia Inter-University Staff Sports Tournament (SUKUM) next year.

UMP Registrar, Abd. Hamid Majid accepted the tournament's flag from Universiti Pendidikan Sultan Idris (UPSI) Vice-Chancellor, Professor Dato' Dr. Mohammad Shatar Sabran at the end of the event that was held at Tanjung Malim, Ipoh on August 5, 2017.

Abd. Hamid said UMP had already begun making early preparations and it did not only about the university being the host but also preparations as a team and athletes who would be representing the university in 2018.

"We are proud of the successes of our athletes and the contingent which serve as an inspiration and motivation in our preparation for the next games. The selection and training are done more systematically in a bid to build up a team that is stronger and one that will bring in more medals," he added.

In this year's SUKUM, UMP was placed 15th in the overall medal tally, collecting four medals - two gold medals and two bronze medals.

UMP *sepak takraw* team, comprising former national and state players, defended its gold medal won in the previous game by defeating the Universiti Kebangsaan Malaysia (UKM) team with

2-0.

The other gold medal was won by the ping pong mixed double team who also defeated the UKM team at the finals with 3-1.

The bronze medals were contributed by the ping pong women's single player in the semi-finals against Universiti Sains Malaysia (USM) and the futsal team who lost to the Universiti Utara Malaysia (UUM) in the semi-finals.

Also present at the event were Sports and Cultural Centre Director, Abd. Rahman Haji Safie and UMP Staff Sports Development Division Head, Al-Muhaimin Ali.



RUN FOR YOUR HEART

In conjunction with the World Heart Day Celebration 2017, the Genesis of Healthy Students (GENESIS) secretariat worked together the Student Affairs & Alumni Department (JHEPA), State Health Department (JKNP), UMP Health Center and Paya Besar Students Club to organise the World Heart Day closing ceremony and Balloon Run 2017 at the Chancellor Square, UMP Gambang Campus on September 30, 2017.

More than 1,000 participants turned up as early as 6am to register for the seven-kilometre run which was divided into three categories - veteran, senior and junior. There was also another category, a family run with a distance of 3.5km.

The program was officially launched by State Health, Human Resource and Special Duties Committee Chairman, YB. Dato' Norol Azali Sulaiman.

There was an aerobic session that served as a warm-up session before the run. The runners were

flagged off at 8.30am.

According to Dato' Norol Azali, the theme 'Love Your Heart Share the Power' has been chosen for this year's World Heart Day celebration adding, it was an annual celebration held on September 29.

He said the aim was to create and enhance public understanding on the importance of healthy living.

"The situation now has changed and with all the new technology, there is a growing amount of workload. Many preferred fast foods as it is deemed as an easy way to manage the daily meals. This campaign aims at encouraging the public to practice a healthy lifestyle. Smoking has also proven to be a major cause of heart disease and it is only right to quit smoking for those who smoke," he added.

UMP Deputy Vice-Chancellor (Student Affairs & Alumni), Professor Dato' Dr. Yuserrie Zainuddin lauded the efforts taken by GENESIS Club and UMP

community to inculcate the healthy way of living.

He also urged everyone to take care of their health and to exercise regularly to reduce the chances of getting a heart disease.

Various exciting activities were carried out throughout the event which was held from September 24-30 such as One-Heart One-Bowl Bowling Tournament, health talks about the heart and lifestyle, an exhibition, a blood donation drive and a colouring contest.

Also present were Head of UMP Health Centre, Dr. Khairul Salleh Abd Basit, Paya Besar Student Club Chairman, Mohd Shahar Abdullah, Genesis Advisor, Nasrul Salim Pakheri, Program Director, Mohamad Ikhmal Idham Ali Yasak and Head of UMP Student Representative Council, Muhammad Amrun Aniq Mohamad Saidi.

The event ended with a prize giving ceremony to winners of the run.

PADDLE BOATS TO BOOST EDU-TOURISM



Universiti Malaysia Pahang (UMP) received three units of paddle boats that would be utilised in activities aimed at promoting the university as an educational tourism hub (edu-tour hub) in Kuala Pahang.

The paddle boats were presented to UMP Vice-Chancellor, Profesor Dato' Dr. Daing Nasir Ibrahim by East Coast Economic Region (ECER) Pahang State Office General Manager, Dato' Mohd Mazlan Sharudin at UMP Pekan Water Recreation Centre on October 12, 2017.

The project was one of the 30 components in the Serambi-Pekan-Kuala Pahang Strengthening Strategy.

Dato' Mohd Mazlan said the aim was to create more tourist attractions in Kuala Pahang, in addition to the latest development project of Medan Ikan

Bakar in the area, adding, it was a partnership between ECER and UMP under the Mahkota Empower ECER programme.

Dato' Dr. Daing Nasir also expressed his gratitude for the paddle boats received from the agency and that it was in line with UMP's own Green Initiative.

He said, UMP had already received a pair of Axis-Axis deer called Pekan and Chini which were now being kept near the campus entrance.

"The main objective of this programme is to transform UMP into a local attraction for the edu-tour programme and to position the university into a brand that also promotes seafood, hence the Medan Ikan Bakar project.

"At the same, this will also promote Pekan as a tourist attraction, a place that is nice and pleasant,"

he added.

Also present at the event were Deputy Vice-Chancellor (Academic & International), Professor Dato' Dr. Rosli Mohd Yunus, UMP Sports and Cultural Centre Director, Abd Rahman Haji Safie, UMP senior officers and ECER representatives.

The paddle boat service is run by UMP Sports and Cultural Centre. The rental charge is fixed at RM5 for 15 minutes and RM8 for 30 minutes. There will be adult supervision for children.

It is open Monday to Friday from 5pm to 7pm. A camping package is also available at the Water Recreation Centre Camping Site. For more information, kindly contact the Sports and Cultural Centre at 09-549 3221/09-424 5753, Nor Azazi (017-912 5936) or Ahmad Azlan (012-264 1503).

OBIKE OFFERS BICYCLE SHARING SERVICES FOR UMPIANS



Universiti Malaysia Pahang (UMP) and oBike, a renowned bicycle sharing company championing the in-campus bicycle initiative, signed a Memorandum of Agreement (MoA) at the oBike Malaysia Sdn. Bhd. headquarters at Mid Valley, Kuala Lumpur on October 26, 2017.

Through this agreement, about 1,200 bicycles will be available for usage at both UMP Gambang and Pekan campus.

The bicycle ride on the campus campaign is part of the university's strategic initiative not only to fulfil the UI GreenMetric evaluation criteria but also as the contribution of UMP towards effort to reduce carbon emission and air pollution.

Up to date, UMP has done more than 30 green campus projects and initiatives such as planting various species of trees, water management, waste treatment and education.

Representing UMP for the MoA signing is the

UMP Vice-Chancellor, Professor Dato' Dr. Daing Nasir Ibrahim and the Dean of the Faculty of Mechanical Engineering, who is also the UMP IU GreenMetric Initiative Leader for Transportation, Professor Dr. Rizalman Mamat.

On the other hand, oBike were represented by its Business Development Manager, Ian Goh Ee An and its Business Development Executive, Mohd Hanafi Hisyam.

According to Professor Dato' Dr. Daing Nasir, UMP will intensify its effort to ensure that the green campus initiatives will continue to benefit the staff and students of the university, especially in terms of the quality of their health and well-being.

"I was made to understand that these bicycles are equipped with state-of-the-art facilities and the reservation can be made using our smartphones. Currently, there are 600 units of the bicycles placed in UMP Gambang and the same number of bicycles

are also placed in UMP Pekan with the introduction of a cashless bicycle sharing services within the campus soon" said the Vice-Chancellor.

In addition, Mr. Ian said that after the user has completed the registration and payment process, they will only have to scan the QR Code on the bicycle and it will be automatically unlock the wheels of the vehicle. In order to end the bicycle sharing session, user can park the bicycle anywhere appropriate.

The other user around the location of the parked bicycle can then get the benefit of using the services. His company will be supplying these bicycles in stages at the location set by the university.

UMP currently ranked 58th in the world under the UI-GreenMetric World University Ranking 2016 published last year.

Connect with UMP



Find us on
UMPMalaysia

