The UMP E

Universiti Malaysia Pahang University Ranking Newsletter

MTUN – Industry Smart Partnership P

Technical Expert



Malaysia Technical University Network (MTUN) is urged to continue working with the industry to ensu
industry related issues.

According to Deputy Director General, Department of Higher Education, Ministry of Education, Prof
universities smart partnership particularly with MTUN should be intensified to encourage the industry to co
expertise and equipment as practiced in developed countries.

“This is what Taiwan, Korea or Germany has been doing all this time with their smartphone technol
university-industry smart partnership could be implemented so that every research could benefit all parties.

In addition, the new focus of the country’s education was on Technical and Vocational Education and
facing greater challenges facing as a result of the Industrial Revolution 4.0 (IR4.0) explosion.

He is proud of UMP's first attempt to address this challenge with the implementation of the IR4.0-based tea

Professor Dr. Mohd Cairul Iqbal officiated the opening ceremony of the 11th Malaysian Technical Universit (MUCET). MUCET, hosted by Universiti Malaysia Pahang (UMP) was held at Bukit Gambang Resort Kuant

With the theme 'Communitising Technology in the Context of Industrial Revolution 4.0' this MUCET confe students, industry players and academics from UMP, Universiti Tun Hussien Onn Malaysia (UTHM), Univer Teknikal Malaysia Melaka (UTeM).

The ceremony were also attended by UMP Board of Directors, Professor Dato' Dr. Rosli Mohd. Yunu Innovation), Professor Dr. Kamal Zuhairi Zamli and Deputy Vice-Chancellor (Student Affairs and Alumni), P

Director of UTHM Reseacrh Management Centre, Professor Dr. Mohd. Amri Lajis, Director of UTeM Cente (CRIM), Professor Ir. Dr. Marizan Sulaiman and Deputy Dean of Research Management and Innovation also in attendance at the event.

Keynote speaker for the conference were Professor Seeram Ramakrishna from National University of Singa Rani from Techno Diverge Link Sdn. Bhd. and Mohd Parid Sulaiman, Director of Product Technology Deve

A Memorandum of Understanding (MoU) was also exchanged between UMP and BI Technologies Sd International Sdn. Bhd. UMP was represented by Deputy Vice-Chancellor (Research and Innovation), P Technologies Sdn. Bhd represented by Director, Mr. Mohd Podzi bin Haji Mahmud, Sime Darby Be Mohammad Saiful Nidzam Ismail and Supercat International Sdn. Bhd. represented by Director, Mohd Dzul

*credit to Pekan Review

UMP, SIASUN Seal Strategic Collaboration in R Services Development


MEMORANDUM OF UNDERSTANDING
SIGNING CEREMONY
UNIVERSITY MALAYSIA PAHANG
AND SIASUN AUTOMATION SINGAPORE
5 DECEMBER 2019, SHENYANG, CHINA
Universiti

The strategic collaboration between Universiti Malaysia Pahang (UMP) and SIASUN Robot & Automatic which is a high-tech company, will form a value chain that encompasses core technologies and component particularly in the robotic-related service industries.

Today, the global market value of SIASUN is the third in the robotics industry with the fastest growth rate.

This collaboration will focus on the development of expertise in teaching factory model to support the init (MOE), namely University Teaching Revolution Factory (URTC) related to the Fourth Industrial Revolution (

The signing ceremony of the Memorandum of Understanding (MoU) was represented by the Vice-Chanc Wan Yusoff and the Chief Executive Officer of SIASUN, Mr. Zhao Chen, on 5 November 2019.

Also present were the President of SIASUN Education Shenyang, Cun Yan Fan, the Deputy Vice-Chancell Dr. Mohd Rosli Hainin and the Vice-President of Teutloff German TVET Institution, Andy Pan.

According to Professor Ir. Dr. Wan Azhar, this collaboration is a continuation of SIASUN's visit to UMP rece

“This collaboration will train skilled workers to strengthen skills and training in the high level of Techni (TVET), along with the lifelong learning programmes through strategic collaboration with global companies.

“In developing a sustainable ecosystem of high impact technology innovations, UMP also partners (SAPURA) for the project of Asia Center of Excellence for Smart Technologies (ACES) based in Singap China.

He hopes that the collaboration will open up strategic collaboration opportunities to adapt more relevant, r methods that everyone can benefit from.

The delegates of UMP and SAPURA also had the opportunity to visit several high-tech industrial robotic lab

A discussion was also held on the collaboration in academics and research with the Shenyang Institute of A SIASUN Research and Development Centre and the Liaoning University of Technology.

Joining the delegation were the Senior General Manager (Technical & Operations) of Sapura Industrial Centre of Industry and Community Network (ICoN), Associate Professor Ir. Dr. Nurul Hazlina Noordin a Halim Baharom.

*credit to UMP Review

UMP Awarded with SEDA Accreditation for E



Universiti Malaysia Pahang (UMP) bagged the One Diamond Award for Low Carbon Buildings Assessm
Authority (SEDA) on December 13, 2019.

UMP became the first university in the country to receive such an award for efforts taken that had succes
energy consumption, the use of renewable energy and reduce carbon dioxide gas emission.
Green practice initiatives among Malaysians are highly encouraged especially when implementing ‘energy

‘Energy efficiency’ is the ultimate goal in effective and optimal energy consumption management, thus redu

Among the ‘energy efficiency’ practices that can be implemented are by replacing less efficient electr
decreasing burden on mechanical equipment as it requires more energy to function, upgrading the roofing
having a good ventilation system and using energy-saving control systems for all electrical appliances.

UMP Energy Focus Group Leader, Professor Ir. Dr. Hassan Ibrahim said energy efficiency was often asso
order to complete certain work and to increase the chances of saving and avoiding wastage.

“By applying energy conservation concept, it involves three categories – energy saving exercises with no co

“To date, UMP is only applying energy saving practices through the concept of no cost and low cost.

“The university has managed to reduce carbon dioxide emission by 7.89 percent, which is equivalent to 8
save power up to 1,273,585 kWh at its UMP Pekan Campus.

“It is a result from the awareness among campus community to conserve power in campus and throug
attitude and discipline about the importance of sustainable energy,” he said.

In a move to ensure energy sustainability, the Unit of Sustainable and Green Campus was established und
Development (PPPH) so energy management could be carried out in line with that of the university’s aspira

Other initiatives implemented in UMP included the installation of various devices such as the Building
lighting system in all toilets, timers at all walkways, a ‘master switch’ at bigger buildings and solar panels
as replacing of light bulbs to the energy-saving ones.

UMP has also taken the initiative in energy management by setting air-conditioning temperature at 24 d
saving in energy consumption without compromising the comfort of the users.

The university has embarked on energy management and conservation initiatives since 2012 and to date,
measures have been implemented, in a bid to reduce carbon dioxide emission in UMP Pekan Campus.

These efforts have also contributed to the university's achievement in the UI-GreenMetric World Ranking 2
was positioned at the 76th place in the world listing.

The rating was based on the measures taken in managing campus sustainability and environment that were
Setting and Infrastructure, Energy and Climate Change, Waste, Water, Transportation and Education.

*credit to Pekan Review

Prof. Ts. Dr. Mohd. Rosli Hainin Appointed a
VC (Academic and Internationa



The Ministry of Education has appointed Professor Ts. Dr. Mohd. Rosli Hainin as Universiti Malaysi (Academic & International) for three years effective from November 1, 2019 until October 31, 2022.

Professor Ts. Dr. Mohd. Rosli Hainin, 52, who is from Temerloh, Pahang, has a Doctorate Degree in Civil E Asphalt Technology (NCAT), Auburn University, Alabama, USA - a prominent research centre in highway e

He also has a Master's Degree in Civil Engineering from University of Kansas, USA (1996), a Bachelor's University, South Carolina, USA (1990) and Diploma in Science from Indiana University, USA (1987).

He has vast experience in academics and research and has worked with Universiti Teknologi Malaysia (UT

Prior to this appointment, Professor Ts. Dr. Mohd. Rosli was the Vice-Chairman of UTM School of Civ academic and student development.

He was also the Associate Research Fellow at UTM Tropical Geoengineering Centre (GEOTROPIK), Chie Transportation Research Group Chief for five years and UTM Book Publication Panel Chairman for four yea

He was the Head of Department of Geotechnical and Transportation for five years and Deputy Academic D

He has published 400 articles including 260 journals with H-Index 26.

UMP Vice-Chancellor, Professor Ir. Dr. Wan Azhar Wan Yusoff said the university was pleased and thankf

Malik for the appointment.

“It is hoped that with the appointment, UMP will continue to be excellent and be a leading technology especially in providing a solid and high level of Technical Education and Vocational Training (TVET) in the c

“UMP will always make certain that its academic curriculum is designed more innovatively and its academic based on industrial needs and one that contributes to the efforts taken to communitise technology in the co

*credit to Pekan Review



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The UMP Edge

Universiti Malaysia Pahang

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