

Vol. 271 Nov 2025: UMPSA Autonomous Ecosystem now on international stage



# PEKAN REVIEW

E-Newsle

Technology for Society



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## General

### UMPSA Autonomous Ecosystem now on international

3 December 2025

DUBAI, 19 November 2025 – Universiti Malaysia Pahang Al-Sultan Abdullah (UMPSA) launching the Autonomous System Ecosystem held at the UMPSA-PACDB Pavilion in conjunction

This launch opens wider opportunities for international collaboration in smart mobility and sustainable development.



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## Academic

### UMPSA strengthens ties with BJTU set to offer Dual Master's and Doctor

25 November 2025

BEIJING, 12 November 2025 – Universiti Malaysia Pahang Al-Sultan Abdullah (UMPSA) Master's and Doctor of Philosophy Programmes following the proposal of the President of Yu Zujun, as a result of the success of the UMPSA-BJTU Dual Degree Programme, will pioneer graduates for this programme.

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## General

### UMPSA receives RM600,000 contribution from Tabung Haji for underpriv

18 November 2025

PEKAN, 3 November 2025 – A delegation from Lembaga Tabung Haji (TH), led by the Executive Director, Datuk Khairoordin Ahmad, paid a courtesy visit to the Vice-Chancellor of Universiti Malaysia Pahang (UMP), Professor Dr. Yatimah Alias, today.

Also present were the Pahang State Director of TH, Tuan Haji Rosdi Dollah; Head of TH Pahang, Norazila Mohamad; and Head of Administration/TH Pahang, Mohamad

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## Research

### JGI journal UMPSA earns recognition Crème Award

25 November 2025

PUTRAJAYA, 7 November 2025 – Universiti Malaysia Pahang Al-Sultan Abdullah (UMPSA) has made a significant mark in the world of academic publishing when its journal, the Journal of Governance and Integrity (JGI), was named among the recipients of the CRÈME Journal Award for the MyCite Indexed Journal category (Arts, Humanities and Social Sciences) in conjunction with the Malaysia Scopus Research Star Award (MRSA).

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## International

### UMPSA establishes Venture Studio with industry strategic partners, expands collaboration in Aerospace, Mobility Technology and Future Sustainable Living

3 December 2025

DUBAI, 19 November 2025 – Universiti Malaysia Pahang Al-Sultan Abdullah (UMPSA) established a Venture Studio with industry strategic partners, expands collaboration in Aerospace, Mobility Technology and Future Sustainable Living. The collaboration was formalized through a memorandum of understanding (MoU) signed during the Dubai Airshow 2025 at Dubai World Central (DWC).

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strategic partners, expands collaboration in Aerospace, Mobility Technology and Future Sustainable Living.



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## Academic

### UMPSA celebrates 15 years of collaboration with HKA, strengthening

18 November 2025

KUANTAN, 7 November 2025 – Universiti Malaysia Pahang Al-Sultan Abdullah (UMPSA) strategic collaboration with Karlsruhe University of Applied Sciences (HKA), Germany, at the The Zenith Hotel, Kuantan.



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## Research

### UMPSA receives MOSTI funding amounting RM6,965,500 for E...

3 December 2025

CYBERJAYA, 24 November 2025 – Universiti Malaysia Pahang Al-Sultan Abdullah (UMPA) has received a grant of RM6,965,500 from the Malaysian Ministry of Science, Technology and Innovation (MOSTI) through the EYE-TREE project which is part of the Strategic Research Fund for the project ‘Development of Integrated Technologies for Extraction of Earth Elements from Ionic Adsorption Clay (IAC) (EYE-TR...



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## General

### Outcome of UMPSA expertise, national contingent wins gold and Best of N

16 December 2025

TAIPEI, 30 November 2025 – Outcomes from intensive guidance and support by the Design, Modelling, Innovation and Knowledge Hub Centre (BIM Centre), Universiti Malaysia Pahang (UMP) Associate Professor Dr Ahmad Tarmizi Haron, who is also the National Chief Expert, together with the BIM Centre, Ts.



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## General

UMPSA ranked 538th best globally in QSWUR Sustainability 2026 rating, re  
Agenda

25 November 2025

PEKAN, 19 November 2025 – Universiti Malaysia Pahang Al-Sultan Abdullah (UMPSA) compared to 699th place last year, based on the announcement released by QS World University Rankings: Sustainability 2026 on 18 November 2025.

This achievement places UMPSA at 133rd position in Asia, 11th best in Malaysia, and Technical University Network (MTUN), recognising the university's commitment to the

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## General

### Professor Emeritus Dato' Seri Ir Dr Zaini Ujang shares sustainability practices

3 December 2025

GAMBANG, 27 November 2025 – Academic figure and recipient of the National Engineering Award, Professor Emeritus Dato' Seri Ir Dr Zaini Ujang, met the Universiti Malaysia Pahang Al-Sultan Abdul Samad (UMPAS) students during the 100 Days World Lecture Tour Sharing Session held in conjunction with the UMPAS Empowerment Workshop.



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## General

### 120 UMPSA, TMB, SWCorp and Alam Flora volunteers collect 190.2 kg waste Tanjung Gosong

3 December 2025

PEKAN, 14 November 2025 – A total of 120 volunteers from Universiti Malaysia Pahang in collaboration with Tanah Makmur Berhad, SWCorp, and Alam Flora, successfully carried out the Tanjung Gosong programme.

According to the Director of the UMPSA Sustainability Development Centre (SDC), Dr Suhaimi, the third in the series held in conjunction with Antarctica Day.

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## General

### 70 UMPSA volunteers plant 1,000 mangrove trees and release 700 baby turtle Day 2025

2 December 2025

CERATING, 15 November 2025 – A total of 70 volunteers comprising staff and students from UMPSA planted 1,000 mangrove trees in the Mangrove Planting Tree programme in conjunction with Antarctica Cerating today.

The programme was officiated by the Assistant Vice-Chancellor (Development), Professor

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## Research

### UMPSA researchers produce Malaysia's first Paperbot through air humidity

3 December 2025

PEKAN, 25 November 2025 – Researchers of Universiti Malaysia Pahang Al-Sultan Abdullah (UMPSA) have produced Malaysia's first 'Paperbot' through air humidity, which now has the potential to power future robots.



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## Academic

[UMPSA receives visit from Yunnan Technician College China, explores opportunity for strategic collaboration](#)

25 November 2025

PEKAN, 18 November 2025 – Universiti Malaysia Pahang Al-Sultan Abdullah (UMPSA) delegation from Yunnan Technician College (Yunnan Industry & Trade Vocational College), for strategic collaboration encompassing academics, research, TVET education,

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## General

Major Dr. Haji Imaduddin recognised internationally in efforts to

25 November 2025

YOGYAKARTA, 13 November 2025 – Senior Lecturer, Faculty of Industrial Management (Sultan Abdullah (UMPSA), Major Dr. Haji Imaduddin Abidin, received international recognition of the Certificate of Gratitude by the President of the International TRIZ Association (MATRIZ), during the TRIZFest 2025 International Conference held at the Universitas Islam Indonesia.

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## Academic

### FIMiEx2025 strengthens national innovation ecosystem, cross-generational pla

16 December 2025

KUANTAN, 30 November 2025 – Faculty of Industrial Management Innovation Exhibition 2025 (FIMiEx2025) was held at the Faculty of Industrial Management (FPI), Universiti Malaysia Pahang Al-Sultan Abdullah (UMPA) recently. The exhibition, which took place on 30 November 2025, marked the fourth time that FPI has organised the event. The exhibition was a platform for students, faculty, and industry partners to showcase their research and innovation projects. The theme of the exhibition was "Cross-generational Collaboration for Sustainable Development". The exhibition featured various exhibits, including a display of research projects, a poster session, and a panel discussion. The exhibition was well-received by the participants, who appreciated the opportunity to network and exchange ideas. The exhibition also provided a platform for students to showcase their research and innovation projects, which can lead to future research collaborations and industry partnerships. The exhibition was a success, and it is expected to continue to strengthen the national innovation ecosystem and promote cross-generational collaboration for sustainable development.

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## Academic

### Non-credit Academic Mobility to TJU, China: Chemical Engineering tow

11 February 2026

TIANJIN, 30 November 2025 – A total of nine students from Universiti Malaysia Pahang participated in a non-credit mobility programme to Tianjin University (TJU), China, under Academic Collaboration and Mobility, UMPSA, from 24 to 30 November 2025.

The mobility programme titled ‘Tianjin University 2025 International Winter Camp on Chemical Future’ was organised by the School of Chemical Engineering and Technology, TJU.

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## Academic

### Non-credit Academic Mobility to SIT Tokyo empowers engineering, te

11 February 2026

TOKYO, 27 November 2025 – A total of 12 students from the Faculty of Chemical and (FTKKP), Universiti Malaysia Pahang Al-Sultan Abdullah (UMPSA), participated in a non-credit Academic Mobility to SIT Tokyo, Japan, under the collaboration of the Center for Academic Mobility, UMPSA, from 23 to 27 November 2025.

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## Academic

### Academic mobility to Kobe University strengthens technology networks and students

11 February 2026

KOBE, 27 November 2025 – A total of ten students from four faculties at Universiti Malaysia Pahang (UMPSA) participated in the Non-Credit Academic Mobility Programme at Kobe University from 27 November to 30 November 2025, organised by the Students' Representative of Residents.

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## Experts

### Nanotechnology: The Next Big Leap Beyond Miniaturization

29 December 2025

For decades, the electronics industry has advanced by making devices smaller and more powerful. In smartphones and wearable gadgets, this progress has relied on shrinking transistors, the tiny switches that control signals, while increasing processing speed. Traditional transistors work by controlling the flow of electricity. As the size approaches just a few nanometers, quantum effects such as electron leakage and heat generation become less efficient.

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