The UMP Edge 2/2021



6 UMP subjects listed in QS World 202



PEKAN, 4 March 2021 - Six Universiti Malaysia Pahang (UMP) subjects are listed in the QS World University Rankings by
Technology's field strengthened its position when it moved to the 358th best in the world compared to 386th in last ye
Malaysia. This ranking edition also saw the subjects of Chemical Engineering ranked at 250th best in the world and 7th i
ranked at 400th best in the world and 9th in Malaysia, and Mechanical Engineering, Aeronautics & Manufacturing was ranl
The other two subjects listed are Pure Science (Chemistry) ranked at 550th best in the world and 6th in Malaysia and Pure
in the world and 6th in Malaysia. The UMP Vice-Chancellor, Professor Ir. Dr. Wan Azhar Wan Yusoff said the field of Eng
"This achievement highlights the excellence in teaching and learning (T&L) at UMP which always focuses on various techn
human capital with high level technical skills. "It is also in line with the UMP Strategic Plan 2021-2025 in leading the high
Training (TVET) and also realising the university's aspirations towards the best technology university by 2050," he sa
International), Professor Ts. Dr. Mohd Rosli Hainin said this year's assessment also showed improvements in all four ind
reputation, citations and H-Index. "This benchmark allows UMP as one of the technical universities in the Malaysian Tech
university's achievements from various perspectives.

By: Mimi Rabita Abdul Wahit, Corporate Communications Unit, The Office of The V

EBAC and GyVer solutions to problematic



KUANTAN, 22 December 2020 - Many consider coal waste and cow dung to be worthless and often associated as the so
different for a group of researchers from Universiti Malaysia Pahang (UMP) who successfully conducted the waste-base
Bottom Ash Column (EBAC) and GyVer to solve problematic soil structure. According to the project leader, Associate Pr
Engineering UMP, EBAC is a method of strengthening the soil using waste from coal bottom ash that is widely used to ge
is a method of soil stabilisation using waste products from cow dung. “Both methods use a sustainable construction appro
dumping waste by utilising all these materials. “The idea of producing EBAC started in 2010 through the observation of hig
is no effort to adopt this material which causes this waste to be dumped at landfills so that it requires high cost and large
through the results of a literature review related to the main material of the study, namely cow dung, which shows the pot
said. This research also received the cooperation of several parties such as Asahitechno Co. Ltd. (Japan), Hokoku Eng
Department of Irrigation and Drainage Pahang, Globallab Engineering Sdn. Bhd., Malakoff Corporation Berhad and Tenca
a gold medal at the British Invention Show (BIS) 2018, Malaysia Technology Expo (MTE) 2018 and the International Confe
of Higher Learning (PECIPTA’17). Meanwhile, GyVer research won a gold medal in P

By: Nor Salwana Mohd Idris, Corporate Communications Unit, The Office of The Vice-Chancellor

FTKEE lecturers develop digital conter



PEKAN, 25 January 2021 - The role of universities today is more challenging. When the Institutions of Higher Learning (I
the needs of the industry in line with the Industrial Revolution (IR4.0), they also face the outbreak of COVID-19 pandem
paradigm shift for the university to review its role in setting new norms for facing the current technological advancement. A
and Electronic Engineering (FTKEE), Associate Professor Dr. Hamdan Daniyal, academic staff also faced with new norm
and digital transformation in teaching and learning (T&L). Since May 2020 until November 2020, FTKEE had produced mo
the commitment given by the staff during MCO 2020. “The knowledge and skills of video recording, creating animation, sp
contact, and preparing questions in Moodle and Google Form are only a fraction in our journey since March 2020. “The 8
academic staff,” he said. According to Associate Professor Dr. Hamdan, it is still a long way to go. “Despite the many vide
“UMP targets to provide a meaningful learning environment. “Videos play a big role and the learning process demands a
importantly from the students,” he said. Meanwhile, the Centre of Instructional Resources & e-Learning (CIReL) has als
preparation to expose them with the use of digital technology.

By: Mimi Rabita Abdul Wahit, Corporate Communications Unit, The Office of The V



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Universiti Malaysia PAHANG

QS WORLD UNIVERSITY RANKINGS ASIA 2021 133

The UMP Edge

Universiti Malaysia Pahang University Ranking Newsletter

Alhamdulillah

Congratulations

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UNIVERSITI MALAYSIA PAHANG

To UMP for Being Ranked in

2021 QS World University Rankings By Subject

QS WORLD UNIVERSITY RANKINGS by subject

Engineering & Technology	Engineering-Chemical	Engineering-Mechanical Aeronautical & Manufacturing	Chemistry	Materials Science	Engineering-Electrical & Electronic
358	201-250	351-400	501-550	351-400	351-400

