The UMP Edge 4/2020



UMP Focuses on Improving the Quality of Higher



Universiti Malaysia Pahang (UMP) will continue to strengthen efforts in developing and expanding higher educa Vocational Education and Training (TVET). According to the Vice-Chancellor of UMP, Professor Ir. Dr. Wan Azh cooperation between UMP and the domestic and foreign industries to further enhance the technical capabilities of b has formulated the UMP Strategic Plan 2021-2025 by focusing on elements of exploring new knowledge internationalization, and entrepreneurship of graduates in related fields to improve the quality of education globally. make UMP as one of the young universities that can play an important role in improving the country's technical capab

UMP ranks 133 in Asia in the Quacquarelli Symonds (QS) World University Rankings: Asia 2021 rankings ann Quacquarelli Symonds recently in recognition of UMP's role and efforts in developing and empowering educat international levels. This achievement has listed UMP as ranked 21 percent of the best universities in Asia and ra Learning (IPTA) in Malaysia.

By Puan Mimi Rabita Abd Wahit, Public Relations Unit, Office Of The Vice-Chancellor

A Global Outreach by Two Malaysians: Success Sto



Universiti Malaysia Pahang (UMP) received the Qatar National Research Fund (QNRF) worth RM350,000 from a to
Ir. Dr. Kumaran Kadirgama and Associate Professor Ts. Ir. Dr. Wan Sharuzi Wan Harun. The grant is a collab
Corporation, and Rutgers University for the project duration 2016 - 2020. The achievement of the project shows tha
other universities in the world. The project is a combination of engineering and engineering technology. Two main el
femoral stems with additive manufacturing. One element is needed for theory, and another is the skill of additive ma
importance of engineering technology. The combination of skill and theory is essential for current engineers. The jou
good planning, management, and teamwork. The learning process from the grant can be divided into three main fac
management.

By Associate Professor Ts. Ir. Dr. Kumaran Kadirgama and Associate Professor Ts. Ir. Dr. Wan Sharuzi Wan Harun

Nanocoolant Alternative for Cooling Elements by UMI



The Advanced Nano Lab for Coolant and Lubricant in the Faculty of Mechanical and Automotive Engineering T
Associate Professor Ts. Ir. Dr. Kumaran Kadirgama and Associate Professor Ts. Dr. Devarajan Ramasamy comes o
cooling system. Nanocellulose is an abundant organic material from plants that reduces the use of harmful coolants i
way to overcome heating problems in manufacturing, automotive, and heating parts in electric vehicles. This coolan
and cutting tools by around 25%. In the 2018 International Invention, Innovation & Technology Exhibition (ITEX), t
platinum and gold medals in the British Invention Show 2018. The work regarding this product has been publishe
conferences. The Advanced Nano Lab for Coolant and Lubricant has managed to secure RM 800,000 from national
the Automotive Excellence Center (AEC) of Universiti Malaysia Pahang to solve the heating problem and expa
components machining. The current research will focus on the new advancement of nanomaterials to solve the
automotive sectors. It shows that Universiti Malaysia Pahang (UMP) can compete with other universities around the w

Credit to Pekan Review



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