



Moringa Leaves in Tablet Form as an Innovative Low-cost Multivitamin Supplement

A group of researchers from Universiti Putra Malaysia (UPM) has successfully developed *Moringa oleifera* leaves as a low-cost multivitamin supplement in table form, which can be served as a food supplement for everyone, especially the lower income group.

This innovative product is named 'Chewable Moringa Fruity Tablets'. The bitterness of Moringa leaves is masked through the use of fruit powder which is a taste masking agent, using a direct compression method to form chewable tablets.

Moringa oleifera, known as *daun kelor*, *daun lemunggai*, *gemunggai* or *remungai* in the Malaysian community, is rich in combination of nutrients and contains anti-oxidants, anti-inflammatory compounds, phenolics, flavonoids and complete protein with essential amino acids. Thus, it is dubbed as superfood. [Read More](#)

Meat Tenderising Product based on Pineapple Core Crowned as Winner in New Product Launch Day

A 3-in-1 pineapple-based meat tenderiser product produced by Z & F Enterprise, a group of final year



students from the Bachelor of Food Science and Technology, UPM, won during the New Product Launch Day.

The competition provided opportunities for Food Science and Technology students to embrace the process of developing new products that have the potential to be commercialised. A total of eight new

products using diverse technologies were introduced which include jackfruit seeds, palm oil milk, spinach, corn and desiccated coconut. [Read More](#)

UPM Helps Launch Rainwater Harvesting System in SK Chabau, Melaka

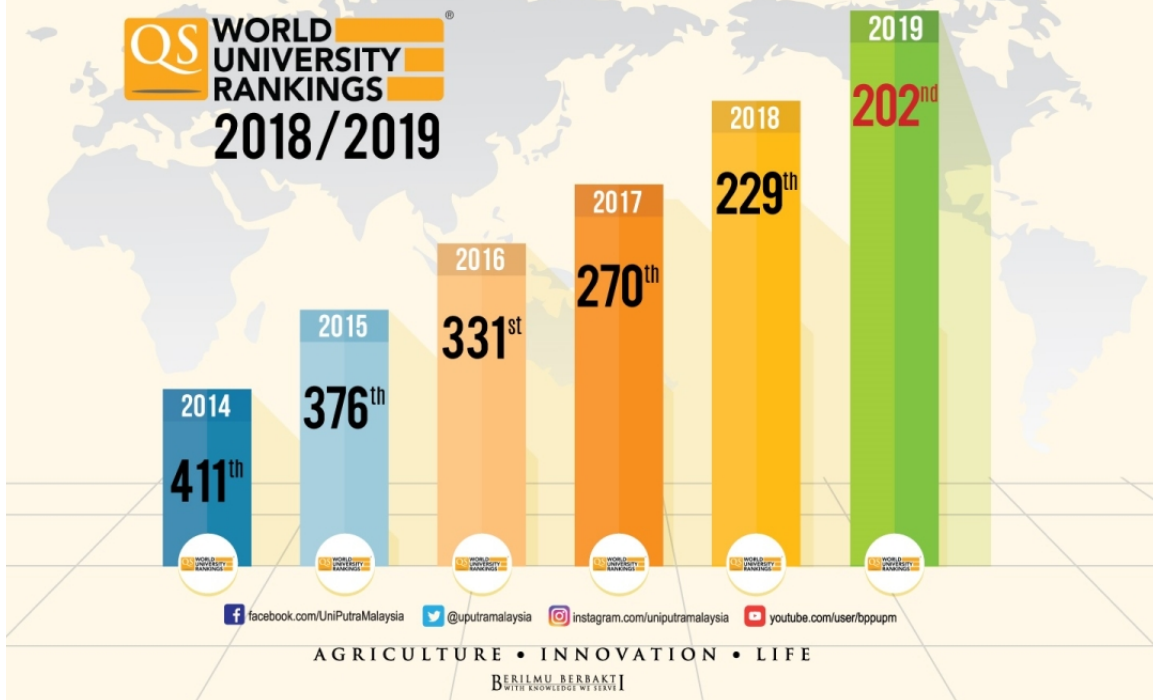
Sekolah Kebangsaan Chabau, Melaka is the first school in the state selected to run a rainwater harvesting system in its school buildings, a project led by Assoc. Prof. Dr. Sarva Mangala Praveena from UPM.

It is the best approach taken by the school and also acts as an initiative in teaching the young people about water conservation. Its implementation is able to benefit the environment and school as it helps to reduce the use of clean water, as well as reduce water bills and the burden faced by the government on infrastructure and construction costs. [Read More](#)





Congratulations UPM is Ranked **202nd**



UPM Leaps to 202nd Spot in World University Rankings

UPM boosted its ranking to the 202nd position in the Quacquarelli Symonds (QS) World University Rankings 2018/19 released today.

UPM jumped 27 notches from the 229th position last year, its fifth consecutive rise since 2013. Prof. Datin Paduka Dato' Dr. Aini Ideris, UPM's Vice Chancellor, was delighted to announce that UPM is in the top 20% of the world's best universities out of 1,223 universities evaluated by the QS. UPM attained the highest scores in the International Student indicator while increasing its scores in three other indicators, i.e., Academic Reputation, Employer Reputation, Faculty Student and International Faculty. [Read More](#)

Breaking Fast and Terawih Prayer With UPM's Royal Chancellor

His Royal Chancellor, Sultan
Sharafuddin Idris Shah presented



Hari Raya contributions to 50 UPM students that included orphans, the underprivileged and converts and 6 UPM students who were the recipients of the Knowledge Wakaf Fund.

His Highness who is also the Sultan of Selangor, gave away the donations during a breaking fast

event and Terawih Prayer with some 1,000 UPM residents and community at the UPM Mosque.

During the event, the Special Project Wakaf and the Wakaf Teratak Pak Ngah Atan contributions worth RM654,814.97 and RM350,000.00 were also given away by the Director of UPM Wakaf, Zakat and Endowment Management Centre (WAZAN), Dr. Razali Othman and Dr. Hasnah Udin, respectively. [Read More](#)

Synthesis

EXPLORING RESEARCH • INSPIRING INNOVATION

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Putra Blok in Projek Rintis
My Beautiful New Home

Human Capital Management
in Construction Industry

Housing Research Centre (HRC)

Independent Sewerage Treatment
Plant (i-STP) for Remote Settlements

Pavement Technology Fibre Mastic
Asphalt (FMA)

Principle of Islamic Neighborhood

Antarctica Expedition

Building Our Homes and Communities



Synthesis Issue 02/2018 is Out Now!

In order to live in peace, we need to put senses in our communities. Peace is about giving and accepting harmony vibes all around us, it comes from many directions but it is definitely should have started within ourselves. While taking care of the communities, the technologies in Malaysia have been evolving rapidly. One of the indications of the developing country is the building technology.

[Read more about 'Building our Homes and Communities' in Synthesis 2/2018.](#)

Upcoming Events

10-11 July 2018 - [A Workshop on Inorganic Nanoparticles for Biotechnology Application](#)

14-28 July 2018 - [2nd Summer School in Food Security and Climate Change](#)

16-20 July 2018 - [International Workshop on 'Climate Change and Urban Food Security: Innovative Design for Sustainable Food Systems to Improve Nutrition and Health](#)

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