

Headline	Accolades from tech expo		
MediaTitle	The Star		
Date	20 Jun 2023	Color	Full Color
Section	StarTwo	Circulation	175,986
Page No	10	Readership	527,958
Language	English	ArticleSize	486 cm ²
Journalist	N/A	AdValue	RM 24,459
Frequency	Daily	PR Value	RM 73,377



Accolades from tech expo

MANAGEMENT and Science University (MSU) bagged 14 medals at the 34th International Technology Exhibition (ITEX'23) in Kuala Lumpur.

The Faculty of Information Sciences and Engineering (FISE), the Faculty of Health and Life Sciences (FHLS), and the School

of Pharmacy (SPH) secured two gold medals each.

FISE and FHLS also took three silver medals; of which one is a joint effort with the Centre of Cyber Security and Big Data (CCSBD) led by the Software Engineering and Digital Innovation Centre (SENDI).

The gold medallists' innovations are:

– **Green WinWind: Design and development of an integrated renewable energy system for highway streetlights**, from the MSU key research areas of Environmental Sustainability, Engineering Innovative Solutions, and Sustainable Energy. The project was conducted by FISE researchers Assoc Prof Dr Safaa Najah Saud Al-Humairi and Assoc Prof Dr Muhammad Irsyad Abdullah, Prof Dr Abdul Jalil Ghazali of MSU's Leadership and Entrepreneurship Advancement (LEAD) Institute, Nurul Izzatul Akma Katim, R Junaidi Daud, Sharifah Athirah Sharif Zulkeple, Joey Kulleh Anak Milton Johnny and Zarif Irfan Mohamad Yusni.

– **DiRetina: Smartphone Fundus Imaging for Intelligent Detection of Eye Diseases (Diabetic Retinopathy)**, under the research area of Big Data and Applied Health Science. The project was conducted by Assoc Prof Dr Muhammad Irsyad Abdullah of FISE, AP Dr Mohd Zaki Awang Isa of the MSU Centre of Excellence for Vision and Eyecare (iCARE), Kevin Loo Teow Aik of FISE, senior assistant Prof Dr Lim Tiong Hoo of University Teknologi Brunei, Rimuljo Hendradi of Universitas Airlangga, and Muhammad Fikri Abdul Aziz of FISE.

– **The effect of Clitoria ternatea towards Alzheimer's disease / Memory Deficits and Parkinson's Disease**, under the area of Applied Health Science. The project was conducted by FHLS researchers Muhammad Danial Ramli and Anita Zara Weinheimer, PhD candidate Mahathir Mohd Uzid at the School of Graduate Studies (SGS), PhD candidates Hussin Muhamad of IMR and Kamal Hassan of FRIM, as well as MSU students Nur Arissa Syazwani and Hani Qistina Dayana.

– **Psoriasis cream from Liberia coffee peel extract**, under the area of Applied Health Science and Traditional & Complementary Medicine by FHLS researcher Dr Santhra Segaran Balan, Assoc Prof Dr Hasnah Bahri of UPM, Dr Azrina Zainal Abidin of MSU and Dr Fezah Othma of UPM.

– **Avena S Cream for treatment of Eczema**, under the area of Applied Health Science by SPH researchers Saeid Mezaal Mawazi, Mohammed Kaleemullah, and Tong Jo Ann.

– **GCMS Profiling, Formulation Characterization, and Molecular Docking of Citrus sinensis Peels Extract**

Loaded Lotion for Photoprotection, under the area of Cosmeceutical Design. This project was conducted by SPH researchers Dr Ng Chean Hui and Mohamad Nizam Abdul Ghani, Master in Science (by Research) Biomedicine student Thong Poh Yen, Assoc Prof Dr Kue Chin Siang of FHLS, Samer Al-Dhali of USM, Dr Kiew Siaw Fui of Curtin Biovalley, and Dr John Lau Sie Yon of Curtin University.

– **Mycoral Project - Application of Coral Microfragments as recent Restoration tools on Marine Habitat Restoration**, under the area of Environmental Sustainability. The project was conducted by International Medical School (IMS) researchers Mohd Hairulnizam Ibrahim, Azral Ismawy Ahmad, and Prof Dr Indang Ariati Ariffin, Dr Hana Chen Wei Jun, Assoc Prof Dr Roy Rillera Marzo, Dr Muhammad Hamizan Yusof and Mohd Yusoff Ariffin of Dorken Reef Resources, and Izarenah Md Repin from the Department of Fisheries.

The MSU research ecosystem is made up of 25 key research areas, eight Centres of Excellence (CoEs) including the Centre of Cyber Security and Big Data (CCSBD) and the International Centre for Halal Studies (ICHLAS), and the Research and Innovation of Private Higher Education Network (RIPHEN).

MSU is carefully crafted to cultivate leadership and a real research contribution that addresses industrial hands-on challenges at the highest management level. Due to the tremendous and exciting state of flux within business and management communities, top management must adapt rapidly to stay competitive, relevant and strategically positioned to tackle global trends by possessing the relevant postgraduate qualifications.

SGS offers advanced degrees at MSc and PhD levels covering multiple areas including Computer Science, Information and Communication Technology, Food Service Technology, Biomedicine, Engineering, Applied Science, Health Sciences, Biomedical Sciences, Information Technology, Clinical Pharmacy, Pharmacy, Design, Medical Physiology, Public Health and Anatomy.

■ For more information on postgraduate programmes offered at MSU, call 03-5521 6868, email enquiry@msu.edu.my or visit www.msu.edu.my.



MSU president Prof Tan Sri Dr Mohd Shukri Abd Yajid (centre, in brown suit) with a team of MSU researchers who participated at ITEX'23.