



## Eight more medals from ITEX

Management and Science University (MSU) bagged five gold and two silver medals along with a bronze at the virtual 31<sup>st</sup> International Invention, Innovation & Technology Exhibition (ITEX'20), Malaysia.



Clinching the gold medals were two in the Education category and one each in the three other categories of ICT/Telecommunications/Audio Visual, Equipment, and Beauty/Fitness/Sport.

ITEX's Medical Health and Environment categories presented MSU with two silver medals, whilst Agriculture brought in the bronze.

The winning projects, along with their team leaders and academic as well as student members, past achievements, and key research areas at Management and Science University (MSU), are:

### Gold listers

#### 3d Printing of Rat Model Embedded with Augmented Reality and Musculoskeletal System as Teaching and Learning Tool



Faculty of Health and Life Sciences' Azrina Zainal Abidin, Sitell Maya ([Bachelor of Biomedical Science \(Hons\)](#)), and Nur Farah Fatheen ([Bachelor of Biomedical Science \(Hons\)](#));

GOLD MEDAL in Putra in creative teaching and learning; GOLD MEDAL in Knovasi 2020, UKM; BRONZE MEDAL in MTE2020;

21<sup>st</sup>-Century Education;

#### Implementation of Mixed Reality Technology in Mobile Phone as Assisted Learning Tool in Learning Aircraft Maintenance



Faculty of Information Sciences and Engineering's Safinaz Mustapha, Dr Rusyazila Ramli, and Cyprian Aidan Chong ([Bachelor in Creative Multimedia \(Hons\)](#));

Gold Award in MTE 2020 and Best Award in MTE2020;

21<sup>st</sup>-Century Education;

#### Cogency-Intervention Tool for Reading Difficulties



School of Education and Social Sciences' Associate Professor Dr Ooi Boon Keat, Professor Datin Dr Norhisham Mohamad, and Monica Leena;

PERINTIS 2019 Bronze Award;

21<sup>st</sup>-Century Education;

#### Novel COVID-19 Detection and Diagnosis System using IOT Technology



Faculty of Information Sciences and Engineering's Associate Professor Dr Mohammed N. Abdulrazaq, Dr Omar Ismael Al-Sanjary, Dr Siti Humairah Kamarul Bahrain, Professor Dr Eddy Yusof, and Halimatuz Zuhriyah Nurul Aslamiah Istiqomah ([Master in Information Technology](#));

Top 40 / 200+ team in Alibaba GET Global Challenge 2020;

Innovative Engineering Solutions;

#### Hyperlipidemia Study using Wonder Drink (Herbal Mixture)

Faculty of Health and Life Sciences' Santhra Segaran Balan, Associate Professor Dr Norshafarina Shari, and Kasturi Kannianpan ([Bachelor of Biomedical Science \(Hons\)](#));

Industry grant;

Gastronomy and Nutrition;

### Silver

#### MSU assessment ruler for orang asli eye sight testing

Faculty of Health and Life Sciences' Associate Professor Dr Mohd Zaki Awang Isa, Fairuz Mohd Nordin, Maryam Amiruddin, Mohamad Khmal Haqqim A. Rahim, and Nur Alya Aisyah Rahmat ([Master in Science \(by Research\) Biomedicine](#));

MTE2020 Gold Medal award (Social Innovation), Silver Medal (Invention & Innovation);

Blindness Prevention;

#### Towards a clean energy: dual power generation system for highway streetlight: solar cell and wind turbine

Faculty of Information Sciences and Engineering's Dr Safaa Najah Saud, Associate Professor Dr Muhammad Irsyad Abdullah, Dr Ahmad Sukri Ahmad, Nor Fazlina Mohd Lazim, and Jeeventra Sharma ([Bachelor of Engineering Technology \(Electrical and Electronic\)](#) (Hons));

Sustainable Energy;

### Bronze

#### MSU Mysolar project - solar power and iot watering system for smart home

Faculty of Information Sciences and Engineering's Dr Norazliani Md Sapari, Associate Professor Dr Muhammad Irsyad Abdullah, Mohammad Ali Tofigh, Arshad Jamal, and Mohammad Syafiq ([Bachelor in Computer Engineering \(Hons\)](#));

MTE2020 Gold Medal award (Social Innovation), Bronze Medal (Invention & Innovation);

Sustainable Energy.


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