

Headline	MSU wins awards for Sustainable Development		
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MSU President Prof Tan Sri Dr Mohd Shukri Abd Yajid (centre) with MSU researchers at the Malaysia Technology Expo 2023 Advanced Healthcare and Life Sciences International Innovation Awards and Expo.

SHAH ALAM: Management and Science University (MSU) believes research can impact policies, transform organisations and improve the quality of life for people worldwide. By aligning research with Sustainable Development Goals (SDG), MSU addresses the most pressing challenges facing communities and the planet. One way is through cross-disciplinary collaborations, in which global concerns are being tackled by MSU researchers.

MSU was recently recognised for its outstanding research work at the Malaysia Technology Expo 2023 Advanced Healthcare and Life Sciences International Innovation Awards and Expo, securing a total of 14 awards with 12 entries, comprising of two special awards, six gold, five silver and one bronze.

The MSU research areas primarily focused on the United Nations (UN) SDG, including No Poverty (1), Good Health and Well-being (3), Quality Education (4), Affordable and Clean Energy (7), Industry, Innovation and Infrastructure (9), Reduced Inequalities (10), Sustainable Cities and Communities (11), Responsible Consumption (12) and Climate Action (13).

The MSU researchers were from the Faculty of Health and Life Sciences (FHLS), School of Pharmacy (SPH), School of Graduate Studies (SGS), Faculty of Information and Science Engineering (FISE), School of Education and Social Sciences (SESS), Centre for Fundamental Studies (CFS), Centres of Excellence (CoE) - MSU iCARE, and MSU Medical Centre (MSUMC).

MSU collaborated with various industry and institution partners, including Universiti Teknologi Brunei (UTB), Universitas Airlangga (UNAIR), Universiti Putra Malaysia (UPM), Ganofarm Sdn Bhd, Institute for Medical

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Research (IMR), Forest Research Institute Malaysia (FRIM), Universiti Teknologi Mara (UTM), Universiti Kebangsaan Malaysia (UKM), Universiti Sains Malaysia (USM), Curtin University Malaysia, Curtin Biovalley Sdn Bhd and the Standard and Industrial Research Institute of Malaysia (Sirim) for their research, focused on the UN SDG.

In addition, MSU postgraduate students pursuing a Master in Science (by research) Biomedicine (MBM) and undergraduates studying for a Bachelor of Pharmacy (Hons) (BPH) and a Bachelor of Biomedical Science (Hons) (BBM) also participated in the collaboration with partners, both from industry and various institutions.

The team, led by Fairuz Mohd Nordin from FHLS, received two special awards from the International Society for Pharmaceutical Engineering (ISPE) and the Macau Invention Association (MIIA). They also received a gold award for their research work on the Module of Eye Health Screening and Assessment (MESrA), Vision Screening Module for Non-Eye Care Practitioner to assist Prevention of Blindness.

Apart from that, five other golds were awarded to FHLS, FISE, and SGS for their research projects, which included the MSU

Assessment Chart for Children with Special Needs, Avena S Cream for the Treatment of Psoriasis, Eczematous and Dry Skin, DiRetina: Smartphone Fundus Imaging for Intelligent Detection of Eye Diseases (Diabetic Retinopathy).

The postgraduate studies at MSU through their School of Graduate Studies (SGS) offers

advanced degrees at MSc and PhD levels, covering 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.