

Double accolades at international fair

MANAGEMENT and Science University (MSU) has added two more medals to its ecosystem of award-winning research. Competing among 625 inventions from 27 countries, the two bronze medals won at the Seoul International Invention Fair (SIIF) 2022 are for Eye Assessment Chart and Ruler for Children with Special Needs by MSU Eye Care Centre (iCARE) and Smart Poultry Farm

Monitoring System by MSU Information Technology Innovation Centre (ITIC). The iCARE research project led by Assoc Prof Dr Mohd Zaki Awg Isa with team members Master in Health Science student Fairuz Mohd Nordin and Master in Science (by Research) Biomedicine student Mohamad Khamal Haqqim had bagged three gold medals before SIIF 2022. These were at the

International Conference and Exposition on Inventions by Institutions of Higher Learning 2022 (PECIPTA'22), the International Invention, Innovation, and Technology Exhibition (ITeX) 2022, and the Malaysia Technology Expo (MTE) 2022.

The SIIF 2022 bronze is the second for Smart Poultry Farm Monitoring System, which bagged its first at PECIPTA'22. The project was led by MSU senior vice-president for Research, Innovation, Technology and System Prof Datuk Dr Md Gapar Md Johar of ITIC. Team members included Assoc Prof Ts Dr Asif Iqbal Hajamydeen, Assoc Prof Dr Mohammed Hazim Alkawaz, Dr Lilysuriazna Raya, and Master in Computer Science (by Research) students Naila Zakia Malika and Fatria Adha Jumara. This project had also won prior accolades, a gold at ITeX 2022 and a silver at MTE 2022.

The SIIF 2022 was held from Nov 16 to 19 last year at the COEX Korea Exhibition Centre in the capital city of Seoul, South Korea.

MSU is a Quacquarelli Symonds and multi-global-ranked institution focused on building holistic human capital. Envisioning a better and more sustainable future for all, MSU champions equality by providing a level playing field across extensive efforts in transforming lives and enriching futures through compelling learning experiences.

MSU focuses on developing and delivering quality human capital in critical-need areas specialised at the postgraduate and undergraduate levels. The university's

award-winning academic programmes meet the stringent standards of local and international bodies.

MSU offer advanced postgraduate degrees at MBA, MSc and PhD levels covering wide areas including Management and Business, Accounting and Finance, Educational Management and Leadership, Teaching English as Second Language, International Business, Fashion Business, International Hospitality and Tourism Management, Early Childhood Education, Counselling and Guidance, International Event Management, Computer Science, Information and Communication Technology, Food Service Technology, Biomedicine, Engineering, Applied Science, Health Sciences, Biomedical Sciences, Information Technology, Clinical Pharmacy, Pharmacy, Applied Science, Design, Medical Physiology, and Public Health and Anatomy. These programmes are offered under the School of Graduate Studies (SGS) and Graduate School of Management (GSM).

In all, as an applied, enterprise, holistic and international university, MSU offers foundation, undergraduate, postgraduate and flexible programmes through an entry system that facilitates admission of students from all walks of life, where it aims at "transforming lives and enriching futures."

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



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MSU won two medals at the Seoul International Invention Fair 2022.

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SEP
- Digital Health
KPT/JPT(R/482/6/0209)03/2028 | MQA/PSA14380
JUL | SEP
- Medicine
KPT/JPT(R2/721/6/0033)09/2026 | MQA/FA6155
FEB | SEP
- Psychology
KPT/JPT(R3/311/6/0013)09/2027 | MQA/A8177
FEB | SEP

SCHOOL OF DENTISTRY

- Dentistry
KPT/JPT(R3/724/6/0010)01/2030 | MQA/FA7026
FEB
- Endodontics (PG Dip)
KPT/JPT(N/724/7/0043)05/2024 | MQA/SWA12162
MAY
- Implant Dentistry (PG Dip)
KPT/JPT(R/724/7/0019)06/2026 | MQA/SWA6111
OCT
- Prosthodontics (PG Dip)
KPT/JPT(N/724/7/0042)05/2024 | MQA/SWA12163
JUN

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FEB | MAY | JUL | SEP
- Pharmacy
KPT/JPT(R2/721/6/0050)09/2026 | MQA/FA8374
JUL | SEP

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KPT/JPT(R3/421/6/0011)12/2027 | MQA/A8230
JUL | SEP
- Diabetes Management and Education* (PG Dip)
KPT/JPT(R/726/7/0030)01/2028 | MQA/SWA9086
KPT/JPT(N-DL/0915/7/0004)11/2027 | MQA/PSA16046
MAR | JUL
- Dietetics with Nutrition
KPT/JPT(N-DL/0915/7/0004)11/2027 | MQA/PSA16046
JUL | SEP
- Medical Biotechnology
KPT/JPT(R2/545/6/0014)09/2027 | MQA/FA15505
JUL | SEP
- Nursing
KPT/JPT(R/723/6/0125)04/2027 | MQA/FA8944
SEP
- Nursing**
KPT/JPT(N-DL/0913/6/0001)09/2029 | MQA/PA14397
FEB | SEP
*Available to registered nurses only
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KPT/JPT(N-DL/0913/6/0001)09/2029 | MQA/PA14397
JUL | SEP

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KPT/JPT(R/721/7/0071)03/2027 | MQA/SWA8570
SEP
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SEP
- Chiropractic
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MAR | SEP

SCHOOL OF POSTGRADUATE STUDIES

- Analytical and Pharmaceutical Chemistry* (MSc)
KPT/JPT(R2-CD/442/7/0001)10/2027 | MQA/FA1191
KPT/JPT(N-DL/442/7/0022)02/2026 | MQA/FA1191
MAR | SEP
- Business Administration in Healthcare Management (PG Cert / PG Dip / Master)
KPT/JPT(R/345/7/1082)09/2028 | MQA/PSA11354
KPT/JPT(N/345/7/1090)12/2023 | MQA/SWA11355
KPT/JPT(R/345/7/1085)10/2028 | MQA/SWA11353
MAR | SEP
- Health Professions Education (PG Cert* / PG Dip / Master)
KPT/JPT(N-DL/145/7/0120)02/2026 | MQA/SWA05162
KPT/JPT(R/145/7/0066)09/2025 | MQA/SWA05162
KPT/JPT(N/145/7/0064)09/2025 | MQA/PSA1563
KPT/JPT(R/145/7/0070)09/2025 | MQA/SWA5164
MAR | SEP
- Health Informatics and Analytics (PG Cert / PG Dip / Master)
KPT/JPT(N/720/7/0131)09/2025 | MQA/PSA13973
KPT/JPT(N/720/7/0130)09/2025 | MQA/PSA13972
KPT/JPT(N/720/7/0129)09/2025 | MQA/PSA13974
SEP
- Molecular Medicine* (MSc)
KPT/JPT(R2/545/7/0078)07/2027 | MQA/FA1299
KPT/JPT(N-DL/545/7/0101)09/2025 | MQA/SWA11357
MAR | SEP
- Pharmacy Practice (Master)
KPT/JPT(R/727/7/0051)03/2024 | MQA/SWA02796
MAR | SEP
- Public Health* (MSc)
KPT/JPT(R/2720/7/0077)09/2025 | A10261
KPT/JPT(N-DL/720/7/0811)09/2028 | MQA/SWA11356
MAR | SEP
- Medical and Health Sciences (MSc / PhD)
KPT/JPT(R/2720/7/0049)06/2026 | A10618
KPT/JPT(R/2721/8/0043)01/2027 | A3767
Throughout the year

OPEN AND DISTANCE LEARNING (ODL) mode available

Prof Datuk Dr Md Gapar (left) and Assoc Prof Dr Mohd Zaki (right) with MSU president Prof Tan Sri Datuk Wira Dr Mohd Shukri Ab Yajid.



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THERE is great variability in how higher education institutions plan and carry out the educational experiences required of health professional students. The reasons for this variability include the regional and institutional education policy, accreditation, healthcare needs, internationalisation, global migration, commodification and commercialisation.

Twenty-first century health professions educators are faced with the challenges of educating learners. The trends in educating health professionals are evolving to keep track of the global changes in healthcare needs and demand. The continuous effects of the Covid-19 pandemic are creating uncertainties in various facets of the higher education system and changing the culture of learning from face-to-face to online learning.

The repercussion of the pandemic has greatly impacted healthcare, healthcare professions, and its educational landscape; specifically curriculum development and assessments. As a result, educators in health professions face an increasingly challenging environment as they are required to ensure that the training will meet the needs of future health professionals, society and healthcare services. This realisation led them to seek further professional qualifications that will equip them with the appropriate knowledge

Shaping 21st century health professions educators

and skills.

Traditionally, there had been a naive expectation that content experts would automatically also be good educators. Around the mid-1970s, most institutions began to develop and implement formal programmes to improve the teaching abilities of their academic staff. This ensured educators have and can continue to develop the capabilities required to plan, facilitate and assess the learning of health professional students.

At IMU, the Postgraduate Programmes in Health Professions Education addresses the roles and needs of 21st century health professions educators based on emerging expectations from the challenges in health professions. This programme is aimed at graduating health professional educators with an in-depth knowledge of educational principles, demonstrating values related to contemporary learning environments and practising internationally benchmarked assessment processes to produce leaders and scholars in health professions education.

The educational objectives of this

Besides in-depth knowledge of educational principles, IMU's Postgraduate Programmes in Health Professions Education provide the opportunity for students to engage with international experts in health professions education.

programme are to ensure graduates will have the opportunities to design and solve educational challenges at their institution and achieve recognition of their initiatives at the national and regional levels. This programme is not only for healthcare professionals and educators but can also be of value to educational managers or administrators who are involved in various facets of providing better educational programmes at their institution.

This programme is offered both in part-time and full-time mode with three exit points: Postgraduate Certificate, Postgraduate Diploma and Master's. A carefully designed learning structure during weekends enable full-time working adults to plan and balance their studies around their work, family and other commitments. To further enhance the feasibility of delivering the programme, the Open and Distance Learning (ODL) mode was introduced in 2021 for the Postgraduate Certificate level.

Recent graduates of the IMU Postgraduate Programmes in Health Professions Education stated that by joining this programme, they are now empowered and have better perspectives and understanding in delivering educational programmes. Consequently, this will ensure the current practice of educational processes in their programme will conform to the best evidence-informed practices.

One postgraduate diploma graduate says, "The programme helped me to be a better teacher. I am able to comprehend the theories behind teaching and learning that can be translated into a better understanding of the aspects of education. In addition, it has

also given me confidence in conducting educational related research which is different from pure science studies."

The strength of IMU is the international linkages and partnership which provides the opportunity for students to engage with international experts in health professions education. This offers a great platform for international engagement and exchanges of ideas and experience.

"I find the discussions very thought-provoking, and I am able to learn from the lecturer's expertise as well as from the other students. The programme provided insight into instructional and curriculum design and helped me improve my teaching. I feel I am able to contribute more to my department and to the university. I am glad for having taken up this programme and look forward to applying what I have learnt," says a master's graduate.

The Postgraduate in Health Professions Education programmes are accredited Level 7 by the Malaysian Qualifications Agency. Being a six-star university under the Setara rating in Malaysia for outstanding achievements, the programmes are periodically reviewed and restructured, keeping in line with global standards.

The commencement of this programme is in March and September (for ODL only) every year. If you are interested to join this programme, make an online application today.

■ For more information on this or other postgraduate programmes, call 03-2731 7272, email postgraduate@imu.edu.my or visit www.imu.edu.my.



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