Star Special

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HIGHER EDUCATION

Mastering digital literacy

RAPID technological advancements powering today's Industry 4.0 demand higher expectations for industry professionals to master digital literacy.

In the built environment industry, for example, leading construction firms now require areas such as cost planning, procurement and contract administration to be integrated into a single digital platform that offers real-time cost governance and total control over every budget, timeline and material flow.

At Tunku Abdul Rahman University of Management and Technology (TAR UMT), students are exposed to the latest technologies and trends in built environment, as these efforts include its strategic collaborations with industry leaders.

TAR UMT's collaborations with IME Group and Global PCK Solutions, for instance, provide students with access to cutting-edge tools such as Archicad for Building Information Modelling (BIM) and Buildspace which enables the production of detailed cost breakdowns, management of tendering and real-time project tracking.

Faculty of Built Environment associate dean Wong Foo Yeu highlighted how the collaborations enhance learning.

Wong shared his insights as a speaker at the Second Construction Industry Congress and the 15th Engineering, Project and Production Management International Conference 2025.

TAR UMT students gain hands-on experience with cutting-edge technology at the Building Information Modelling Centre.

"It creates a mental shift in our students from being mere technicians to becoming digital governors of a construction project.

"Using these tools, students can generate project plans faster. This makes the teaching of complex subjects far more effective, especially in areas such as building modelling, cost control and risk management, as they can immediately see their models and plans take shape on screen."

He added that the tools provide experiential learning through immediate consequences.

"For instance, if a quantity surveying student simulates a two-week material delay on a structural component, the app instantly recalculates the entire schedule, adjusts the cash flow forecast, and highlights the penalties and acceleration costs involved.

"It delivers a level of high-stakes, practical decision-making no theoretical case study could replicate, which is a valuable exposure for students," Wong noted.

Through lifelong bonds with their alma mater, many TAR UMT alumni have established important and strategic collaborations with the university, providing the necessary exposure and latest industry trends to current students.

Chew Fu Keong is a shining example, having graduated with an Advanced Diploma in Quantity Surveying and currently serving as the chief executive officer of Global PCK Solutions.

"The university gave me the blueprint to enter the industry, while technology has since changed the game. I want to help bridge that gap for the next generation," he said.

■ For those interested in construction management or other built environment programmes, visit TAR UMT's Open Day on March 14-15 and March 28-29, from 10am to 5pm.

Prospective students may also call 011-1075 8535 or log on to *www.tarc.edu.my* for more details and to apply online.

Various financial aid options and merit scholarships for undergraduate programmes are available for qualified students.

msu management and science university

Management and Science University (MSU) is a globally recognised institution, ranked by both Quacquarelli Symonds (QS) and Times Higher Education (THE). Committed to developing well-rounded human capital, MSU envisions a more sustainable and inclusive future. Through transformative learning experiences, the university promotes equality and strives to create a level playing field for all, enriching lives and shaping tomorrow's leaders.

Contact us : Tel : 03 5521 6868 Email : enquiry@msu.edu.my

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MANAGEMENT AND SCIENCE UNIVERSITY (MSU) DU019(B) No.4, Persiaran Olahraga, Seksyen 13, 40000 Shah Alam, Selangor.

Yayasan msu

Rising in international rankings

MANAGEMENT and Science University (MSU) has marked a new milestone with its debut entry in the Times Higher Education (THE) World University Rankings by Subject 2026.

Two of MSU's academic disciplines – Education Studies and Medical and Health – were ranked within the 501–600 band globally, highlighting the university's growing academic strength and international standing.

At the national level, Education Studies is ranked sixth in Malaysia, while Medical and Health is placed 11th, reflecting MSU's competitive position among Malaysian higher education institutions.

THE World University Rankings by Subject evaluate universities across 11 broad subject areas, encompassing 148 individual disciplines.

The rankings apply the same rigorous and trusted methodology used in the overall THE World University Rankings, with metric weightings carefully adjusted to reflect subject-specific priorities.

This ensures a fair assessment of institutional strengths and delivers meaningful, discipline-focused insights.

In THE World University Rankings 2026, MSU is ranked within the 601-800 band globally and among the top 10 universities in Malaysia.

This achievement reflects a steady upward trajectory following its maiden inclusion in last year's rankings, where MSU was placed in the 801-1,000 band worldwide.

In this year's rankings, MSU is placed within the 601–800 band globally and among the top 10 universities in Malaysia.

MSU has marked a significant milestone with its debut entry in THE World University Rankings by Subject 2026.

Aligned with its strategic focus on sustainable development, MSU further distinguished itself in THE Impact Rankings 2025, which assesses universities based on their contributions to the United Nations' Sustainable Development Goals.

MSU secured a commendable position within the 101-200 band globally, reinforcing its role as a catalyst for positive societal and environmental impact.

As an applied and enterprise university with a strong emphasis on graduate employability, MSU records a 99% graduate employability rate within six months of graduation, as reported in the Ministry of Higher Education (MoHE) Tracer Study, and holds a Setara Tier-5 excellent status for emerging universities by MoHE.

MSU's pursuit of excellence is guided by key benchmarks, including internationalisation, industry relevance, a job-creator mindset, community sustainability, research, lifelong learning, and flexible education pathways.

Its highly qualified academics and international visiting professors support a holistic curriculum designed to deliver impactful and engaging learning.

By integrating technical and vocational education and training (TVET) with conventional academic curricula, MSU enhances student competencies through industry internships, community engagement, creative entrepreneurship and global exposure.

MSU's recognition as a Premier Digital Technology Institution further positions the university as a key contributor to the nation's digital education ecosystem.

All MSU programmes are developed in close consultation with industry leaders and professional experts from over 3,000 industry partners through its University Industry Advisory Panel, ensuring graduates are equipped with industry-relevant skills and knowledge.

Complementing this, skills enhancement initiatives such as the Graduate Employability Skills (GEmS) and Personal Enrichment Competencies (PEC) programmes strengthen students' soft skills and overall competitiveness.

Additionally, extensive partnerships with more than 500 institutions across over 40 countries provide students with robust inbound and outbound mobility opportunities, including overseas study programmes and international internships.

MSU comprises a diverse range of faculties and schools, reflecting its comprehensive, multidisciplinary academic ecosystem.

These include the Faculty of Health and Life Sciences, Faculty of Business Management and Professional Studies, Faculty of Information Sciences and Engineering, International Medical School, School of Pharmacy, School of Dentistry, School of Veterinary Medicine, School of Education and Social Sciences, School of Hospitality and Creative Arts, School of Graduate Studies and Graduate School of Management.

Build a career in management

MANAGEMENT is the art and process of organising, planning, decision-making, leading, motivating and controlling an organisation's human, financial, physical and information resources to achieve goals efficiently and effectively.

Good management not only drives performance, but it also forms the foundation of strong teamwork and is the key to any successful organisation.

Designed for those aspiring to build a successful career in management and administration, the Diploma in Management at MSU College offers a comprehensive business education enriched with essential soft skills.

This programme equips students with the knowledge and abilities required for management roles, while also providing solid exposure to key areas of organisational management such as communication, leadership, marketing and finance.

In addition to academic knowledge, students are nurtured to uphold strong moral values and integrity as they carry out their duties and responsibilities. This well-rounded approach ensures they are competent but also ethical future professionals. A strong foundation in all related fields further prepares students for deeper exploration at the bachelor's degree level.

Entry into this two-and-a-half-year programme requires a minimum of three credits in any subjects in Sijil Pelajaran Malaysia (SPM) subjects or equivalent certificates. Upon completing the diploma, graduates can choose to enter the workforce or continue their studies at Management and Science University (MSU).

Through the Faculty of Business Management and Professional Studies (FBMP), students may progress directly into the second year of a bachelor's programme in the same or related fields, with the option of credit transfer.

Aligned with MSU College's aspiration to produce balanced, holistic and well-rounded graduates, the programme is supported by a strong entrepreneurial ecosystem and industry-embedded initiatives. These elements further enhance students' soft skills and ensure their readiness to compete in today and future job market.

Additionally, the School of Hospitality, Education and Business Studies also offers other programmes, including Early Childhood Education, Accounting, and English Language Teaching.

MSU College is also MSU APEL Centre for potential candidates to take the APEL Aptitude Test as the non-conventional pre-qualification for entry into higher studies, in which MSU currently offers APEL A and APEL C at T-3 (certificate), T-4 (diploma), T-6 (bachelor's degree) and T-7 (master's degree) levels.

■ For more information on programmes offered, call the college's team at 03-5521 6787 or email enquiry@msucollege.my or visit *www.msucollege.edu.my*

Students gain comprehensive business knowledge and soft skills through MSU College's Diploma in Management.

Study opportunities abroad, including NUMed's UK parent campus, give students global exposure.

Future-ready medical education

GLOBAL travel and public health crises like the Covid-19 pandemic have highlighted how interconnected health systems are today.

Exposure to international healthcare systems is therefore essential for preparing future-ready physicians.

Understanding how healthcare is delivered across different countries helps medical students develop adaptability, cultural competence and broader clinical insight, which are key attributes for doctors practising in diverse settings.

Newcastle University Medicine Malaysia (NUMed) embeds global exposure throughout its Bachelor of Medicine, Bachelor of Surgery (MBBS) programme.

The school delivers a UK-based curriculum recognised by multiple international medical boards, giving graduates the flexibility to pursue postgraduate training and careers worldwide.

Meanwhile, semester abroad opportunities in the UK provide first-hand experience in a different environment.

NUMed also offers structured international experiences.

In Year Four, students complete an eight-week Student-Selected Component, which may be undertaken in the UK or abroad, allowing them to explore specific interests.

Year 5 students can pursue an eight-week overseas elective to deepen their exposure to global healthcare systems.

"To train doctors for the future, we must equip students with internationally relevant knowledge, skills and perspectives so they are confident practising medicine anywhere in the world," said NUMed clinical affairs dean Prof Harinarayan Radhakrishna.

■ To see how you can contribute meaningfully to healthcare systems worldwide, visit NUMed's Open Day on Feb 28.

To register, visit *www.ncl.ac.uk/numed/study-with-us/get-to-know-us/open-days*, or go to *www.newcastle.edu.my*, email admissions@newcastle.edu.my, call 07-555 3800, or WhatsApp 011-1231 5411 or 012-784 9456.

TARUMT TUNKU ABDUL RAHMAN UNIVERSITY OF MANAGEMENT AND TECHNOLOGY

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