

SUSTAINABLE DEVELOPMENT GOALS REPORT 2025

UNIVERSITI TEKNIKAL MALAYSIA MELAKA



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PREFACE

Welcome to the Universiti Teknikal Malaysia Melaka (UTeM) Sustainable Development Goals Report 2025.

Guided by the institutional ethos, "Technology for Sustainability, Innovation for Prosperity," this report is a comprehensive testament to UTeM's steadfast integration of the 17 United Nations Sustainable Development Goals (SDGs) across its core functions of education, research, community engagement, and governance.

Throughout 2025, UTeM has aggressively implemented initiatives that directly address both local and global challenges, fostering a more inclusive, resilient, and sustainable future.

This year's report extensively details UTeM's multifaceted approach to sustainability. On the environmental front, the university has driven actionable progress through the installation of an IoT Water Monitoring System (SDG 6), the launch of the Automated Drive-through Recycling Centre and "Trash to Cash" programme (SDG 12), and earning Diamond Recognition for Low Carbon Commitment (SDG 13). Furthermore, UTeM extends its ecological stewardship beyond the campus via the SaberCAT artificial reef monitoring expedition (SDG 14) and the Green Campus Initiative (SDG 15).

Equally vital are UTeM's social and educational impacts. The university continuously leverages technology for societal good, from utilizing smart agriculture to strengthen food assistance for B40 students (SDGs 1 & 2) to expanding access to lifelong learning through the Advanced TVET Academia Summit (SDG 4). UTeM's academic excellence was notably cemented this year when it received the prestigious National Education Innovation Award.

Steering this transformative and holistic journey is UTeM's Vice-Chancellor, Prof. Datuk Ts. Dr. Massila Kamalrudin. Her visionary leadership and dedication to sustainable innovation were formally recognized this year when she was honoured with the Icon of Education Award 2025.

This prestigious accolade highlights her exceptional contributions to empowering women in education, entrepreneurship, and innovation (SDG 5), inspiring greater female participation in leadership roles and the digital economy.

Ultimately, this report showcases the collective dedication of UTeM's faculties, staff, students, and strategic partners.

As we move forward, UTeM remains dedicated to leveraging cutting-edge innovation and global partnerships to create lasting, sustainable value for society.

GOALS FOR A BETTER WORLD



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SDG 1:

END POVERTY IN ALL ITS FORMS EVERYWHERE



101 - 200

UTeM's rankings in SDG 1 based on the Times Higher Education Impact Rankings 2025

1 NO POVERTY





UTeM Student Welfare Initiatives

Universiti Teknikal Malaysia Melaka (UTeM) remains committed to supporting student welfare through a range of financial assistance and support programmes designed to help students facing economic hardship and unforeseen circumstances.

Key initiatives include the Student Disaster and Bereavement Assistance Scheme, which provides financial aid to students affected by emergencies, disasters, or the loss of a family member. In addition, Cash Assistance and Zakat Aid are offered to financially disadvantaged students to help alleviate financial burdens and support their academic continuity. To address students' basic needs, UTeM also operates the Food Bank and TUAH Food Care programmes, which provide essential food assistance to students in need.

These initiatives reflect the University's commitment to fostering an inclusive and supportive learning environment, ensuring that all students have access to the resources and support necessary to successfully pursue their higher education.



We Care , We Share with Yayasan EZ Prihatin

The We Care, We Share programme was successfully held on 23 April 2025, benefiting 100 B40 students from FPTT who received food aid contributions. The programme was sponsored by Yayasan EZ Prihatin, an NGO under Yayasan EZ Qurban. Participants included class representatives from all FPTT programmes (BTEC, BTMI, BTMM, and BTMS), comprising students from Year 1 to Year 4. Representing the faculty, the Deputy Dean (Academic) attended on behalf of the Dean to support the programme.

Overall, the programme achieved its objective of supporting students in need through food assistance. Appreciation is extended to all parties involved for their contribution to the success of this initiative.



Program Iqra' TH IPTA

The Deputy Vice-Chancellor (Student Affairs and Alumni), together with the Vice-Chancellor of Universiti Teknikal Malaysia Melaka (UTeM), received a courtesy visit from representatives of Lembaga Tabung Haji in conjunction with the presentation of a zakat contribution under the Program Iqra' TH IPTA.

Held on 14 January 2025, the programme included a zakat contribution of RM550,000 to support the welfare and educational needs of



Compassionate Assistance for Student Affected by House Fire

Universiti Teknikal Malaysia Melaka (UTeM), through the Office of the Deputy Vice-Chancellor (Student Affairs and Alumni), provided financial assistance and welfare support to a first-year student from the Faculty of Electrical Engineering Technology (FTKE) whose family home was destroyed in a fire incident in Bachok, Kelantan.

The assistance was intended to help ease the financial burden resulting from the loss of both the family's home and primary source of income. This initiative demonstrates UTeM's commitment to student welfare by providing timely support to those facing unforeseen challenges, ensuring that financial hardship does not hinder their academic progress and access to higher education.

SDG 2:

**END HUNGER, ACHIEVE FOOD
SECURITY AND IMPROVED
NUTRITION AND PROMOTE
SUSTAINABLE AGRICULTURE**





Industry Grant Collaboration for Smart Agriculture Development

The collaboration between PERTAM Services Sdn Bhd and Universiti Teknikal Malaysia Melaka, through an Industrial Grant, successfully advanced the application of smart agricultural technologies at a sweet corn plantation site. The project focused on leveraging innovative technologies to enhance agricultural productivity, efficiency, and sustainability.

Led by Tengku Faisal Tengku Wook, the project comprised five interconnected sub-projects, all of which successfully achieved their research objectives. The initiative demonstrates the effectiveness of industry–university collaboration in driving research, innovation, and technology transfer. It also highlights a shared commitment to promoting sustainable agricultural practices by adopting advanced technologies, contributing to a more resilient and efficient agricultural sector.</



RICE UTeM-Melaka Collaboration Management Centre: Sentuhan Kasih Ramadan 2025 Programme

The UTeM Sentuhan Kasih Ramadan 2025 Programme successfully collected and distributed 126 sets of essential food and daily necessities to underprivileged families, including asnaf recipients and low-income households in Kampung Pulau, Kampung Gangsa, Pangsapuri Rakyat Sungai Putat, as well as families associated with SK Paya Rumput and SMK Ayer Keroh.

Supported by contributions from the UTeM community and the public, the programme provided much-needed assistance during Ramadan. By improving access to food and necessities for vulnerable households, the initiative

SDG 3:

**ENSURE HEALTHY LIVES AND
PROMOTE WELL-BEING FOR
ALL AT ALL AGES**

**3 GOOD HEALTH
AND WELL-BEING**





UTeM Family Brisk Walk Programme 2025

On 27 May 2025, Universiti Teknikal Malaysia Melaka (UTeM) organised the UTeM Family Brisk Walk Programme, bringing together senior management, staff, and the Student Representative Council (MPP) to promote active living and strengthen campus engagement.

The initiative encouraged regular physical activity while fostering meaningful interaction between university leadership and students in an inclusive environment. By enhancing social connectedness, promoting work-life balance, and encouraging healthier lifestyle practices, the programme reinforced UTeM's commitment to building a healthy, supportive, and cohesive university community that prioritises the physical and social well-being of its members.



Lestari Run Machap Jaya 2025

Universiti Teknikal Malaysia Melaka (UTeM) actively participated in the Lestari Run Machap Jaya 2025, a 5.6-kilometre community run held on 23 February 2025. Organised by JAPERUN Machap Jaya in collaboration with youth organisations, including GPMS Alor Gajah and GPMS UTeM, as well as various agencies and community groups, the programme aimed to promote healthy living and strengthen community engagement.



KITARecycle Sustainability Run 2025

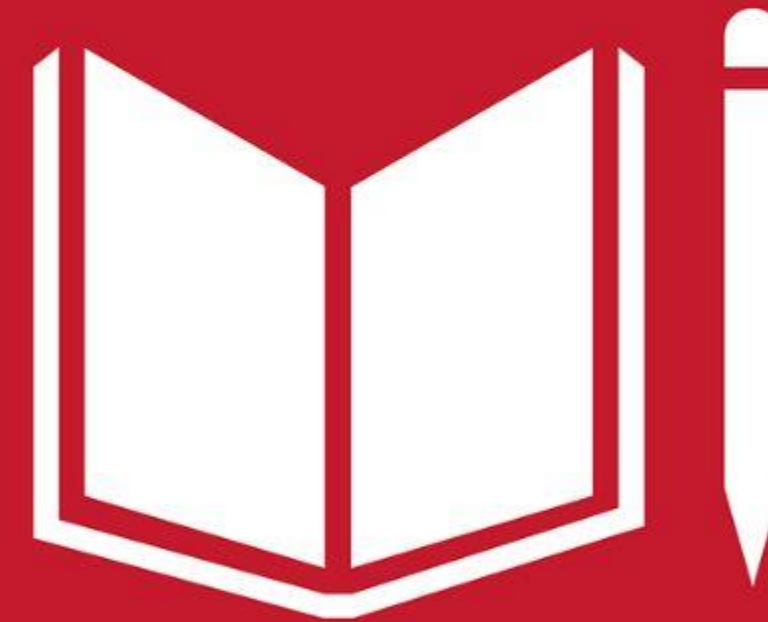
SWM Environment proudly co-organised the KITARecycle Sustainability Run at Universiti Teknikal Malaysia Melaka (UTeM) Main Campus, Durian Tunggal. Held in conjunction with the UTeM Family Carnival 2025 and the University's 25th Silver Jubilee Celebration, the event attracted approximately 1,200 participants from the UTeM community who completed a five-kilometre run around the campus.

The flag-off ceremony was officiated by Tun Seri Setia Dr. Mohd Ali Mohd Rustam, Chancellor of UTeM, and attended by Professor Datuk Ts. Dr. Massila Kamalrudin, Vice-Chancellor of UTe

SDG 4:

**ENSURE INCLUSIVE AND
EQUITABLE QUALITY
EDUCATION AND PROMOTE
LIFELONG LEARNING
OPPORTUNITIES FOR ALL**

**4 QUALITY
EDUCATION**





Higher Education Provider (HEP) Excellence Award for Internal Quality Assurance (IQA)

Universiti Teknikal Malaysia Melaka (UTeM) received the Higher Education Provider (HEP) Excellence Award for Internal Quality Assurance (IQA) at the Malaysian Qualifications Agency (MQA) Awards 2025. The University was also recognised among the top three institutions for the HEP Excellence Award in Technical and Vocational Education and Training (TVET

SDG 5:

ACHIEVE GENDER EQUALITY AND EMPOWER ALL WOMEN AND GIRLS



SDG 8:

**PROMOTE SUSTAINED, INCLUSIVE
AND SUSTAINABLE ECONOMIC
GROWTH, FULL AND
PRODUCTIVE EMPLOYMENT AND
DECENT WORK FOR ALL**

**8 DECENT WORK AND
ECONOMIC GROWTH**



SDG 9:

**BUILD RESILIENT INFRASTRUCTURE,
PROMOTE INCLUSIVE AND
SUSTAINABLE INDUSTRIALIZATION
AND FOSTER INNOVATION**

9 **INDUSTRY, INNOVATION
AND INFRASTRUCTURE**



