

IMPACT REPORT 2022

NO POVERTY



PHOTO SOURCE: SNAPSHOT OF OUTREACH PROGRAMMNE



UNIVERSITI
MALAYA

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UM Community Engagement Centre (UMCares)
UM Students' Union (UMSU)
UM Mushroom Research Centre

FOREWORD BY ASSOCIATE VICE-CHANCELLOR (CORPORATE STRATEGY)



The Sustainable Development Goals (SDGs) has transformed the landscape of the higher education sector on a global scale. These 17 goals have become a primary reference framework in many institutions' planning of education & learning, research & innovation, as well as strategic partnerships strategies.

The publication of the 17 Universiti Malaya Impact Reports 2022 is crucial to monitor our efforts towards SDGs as we are advancing our excellence through the implementation of the UM Strategic Plan 2021-2025, UM Transformation Plan 2021-2030, and UM Sustainability Policy 2021-2030.

For many years, UM has integrated the SDGs into our leadership, university policies, curriculum activities, RDCIE initiatives, values, investments, and strategic partnerships with stakeholders to demonstrate that UM also "walks the talk." These efforts involve active engagement from our staff, students, and the broader community of stakeholders and alumni.

Congratulations to the team at the Corporate Data Centre for formulating data-driven comprehensive reports that will serve the University in becoming a Global University Impacting The World.

PREFACE BY DIRECTOR OF THE CORPORATE DATA CENTRE



I am delighted to present all 17 Universiti Malaya Impact Reports for 2022, which review the data related to the Sustainable Development Goals (SDGs) and showcase UM's achievements in 2022. The 17 SDGs serve as a guide for addressing the most pressing issues and critical challenges. Each of the 17 SDGs demands strong collaborative efforts from all levels of society to ensure a more resilient and sustainable future for the next generation.

In the Corporate Data Centre, we apply knowledge and data analytics skills to make informed, evidence-based decisions. This not only helps address current challenges but also ensures preparedness for the future.

These 17 Impact Reports for 2022 are flagship reports designed to assist the University in monitoring and examining our contributions to the country's progress in achieving the 17 SDGs.

I would like to seize this opportunity to express my deep appreciation to my team, who have worked tirelessly to collect and analyse data, enabling us to effectively monitor UM's sustainability efforts. I am also sincerely grateful for the support from UM's top management and the hard work of all colleagues across campus, particularly the Sustainable Development Centre, data managers, and controllers, for their cooperation in providing the SDG data for 2022.

OUR IMPACT IN 2022



24 assistance programs empowered **10694** students in their academic journeys.



12 impactful food assistance programs, including free food, food banks, vouchers, and affordable options, eliminated hunger on UM campus.



Over **20** outreach programs delivered essential health services to local communities in need and refugees.



47 enriching courses featured in the 2022 Short-Term/International Training/Study Tour, part of UM Course Buffet to support lifelong learning.



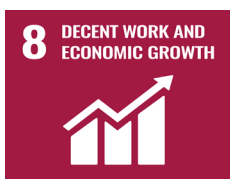
55% Female representation in senior positions



429 participants took on 7 weeks of water conservation challenges during the Kita Jaga Air Challenge 2022.



UM subscribed to the Green Electricity Tariff (GET) program, generating **5.5** million kWh of clean energy



Precision Intervention Program for selected students to produce future-ready graduates enriched with UM DNA.

AIM OF THE GOALS

SDG 1: End poverty in all its forms everywhere

SDG 2: End hunger, achieve food security and improved nutrition and promote sustainable agriculture

SDG 3: To ensure healthy lives and promote well-being for all at all ages

SDG 4: Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all

SDG 5: Achieve gender equality and empower all women and girl

SDG 6: Ensure availability and sustainable management of water and sanitation for all

SDG 7: Ensure access to affordable, reliable, sustainable and modern energy for al

SDG 8: Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all

SDG 9: Build resilient infrastructure, promote inclusive and sustainable industrialization, and foster innovation

SDG 10: Reduce inequality within and among countries

SDG 11: Make cities inclusive, safe, resilient and sustainable

SDG 12: Ensure sustainable consumption and production patterns

SDG 13: Take urgent action to combat climate change and its impacts

SDG 14: Conserve and sustainably use the oceans, seas and marine resources for sustainable development

SDG 15: Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss

SDG 16: Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels

SDG 17: Strengthen the means of implementation and revitalize the global partnership for sustainable development

The development of the Industrial Relations Strategic Planning Framework - Industry University Hyper Engagement Collaboration Framework (INSIGHT)

The publication of the First E-Magazine for Persons with Disability by The Secretariat AUN-DPPnet.

The establishment of UM Master Plan document to guide the university towards achieving a Carbon-Neutral Campus by 2050.

9 initiatives conducted by the Zero Waste Campaign to establish an integrated solid waste management system

The establishment of UM Carbon Neutrality Acceleration Living Labs to contribute to the university's carbon-neutral performance.

In 2022, Project Pulih joined forces with RHB ISLAMIC to protect Malaysia marine ecosystems.

Rimba Ilmu, or Forest of Knowledge, covers 40 hectares and contains an estimated living collection of around 1,700 species of plants.

UM as the first university in Malaysia to conduct campus elections fully run by students.

UM as part of 28 Global Network Memberships, has International Partners based in UM, and 96 Academia-Industry Collaborations.





Overall Ranked
in band
101-200 /1591

From band **201-300** in 2022



Ranked
50/876
From **201-300**
in 2022



Ranked in band
101-200/647
From band **201-200**
in 2022



Ranked in band
101-200/1218
From band **201-300**
in 2022



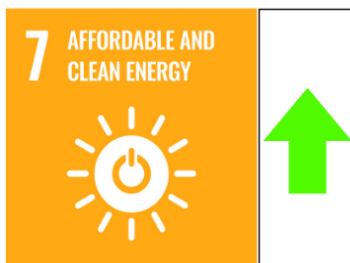
Ranked in band
101-200/1304
From ranked **79**
in 2022



Ranked
3/1081
From ranked **51**
in 2022



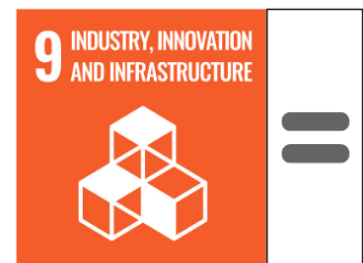
Ranked
60/702
From band **201-300**
in 2022



Ranked
13/812
From **201-300**
in 2022



Ranked in band
401-600/960
From band **401-600**
in 2022



Ranked in band
201-300/873
From band **201-300**
in 2022



Ranked in band
201-300/901
From band **101-200**
in 2022



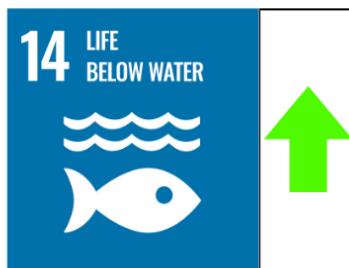
Ranked
72/860
From **101-200**
in 2022



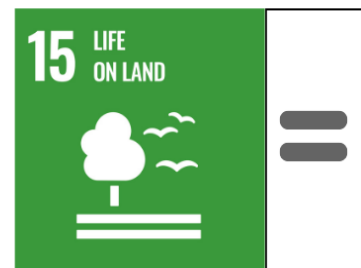
Ranked
73/674
From **201-300**
in 2022



Ranked in band
101-200/735
From band **101-200**
in 2022



Ranked
85/504
From **101-200**
in 2022



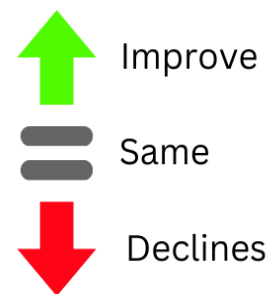
Ranked in band
101-200/586
From band **101-200**
in 2022



Ranked in band
101-200/910
From band **201-300**
in 2022



Ranked
81/1625
From **301-400**
in 2022





Here is a picture taken for Universiti Malaya's Official Facebook during the new UM students registration day in 2022.

Anti-Poverty Programmes

IMPROVING ACCESS TO HIGHER EDUCATION

Individuals who access higher education have the potential to contribute positively to their communities. Thus, by offering higher education to those in poverty, we promote social cohesion and reduce social unrest. It can help bridge gaps between different socioeconomic groups, fostering a more inclusive and harmonious society.

PROVIDING INCLUSIVE HIGHER EDUCATIONAL ACCESS FOR ALL OF SOCIETY

In addressing poverty and providing inclusive education access for all of society, Universiti Malaya (UM) has supported the initiative by the Ministry of Higher Education to offer special admissions to disabled individuals (OKU), indigenous people (orang asli), athletes, and students from the bottom 40% (B40) of the household income group via the UPU online system.

This special entry route is designed specifically for the targeted groups, ensuring that candidates do not have to compete with other students in the mainstream application system to secure their place at UM and other public universities. This pathway has opened up more opportunities for children from B40 families to pursue tertiary

education at one of Malaysia's top universities

The goal is to admit B40 students to study at public universities through these special admission routes, amounting to 10% of the total new student admissions. The B40 candidates' eligibility will be verified through the *Bantuan Sara Hidup* and eKasih databases.

source:

- 1) [MalaysiaGazette, 16 March 2023](#)
- 2) [Press Release by Ministry of Higher Education, 23 June 2021](#)



STUDENTS AND STAFF FINANCIAL ASSISTANCES

UM firmly believes in providing equal opportunities for everyone to pursue their education at the university. As a result, we are wholeheartedly committed to implementing various initiatives aimed at addressing poverty in all its forms, wherever it exists.

Heading the charge is the Student Affairs Department, led by the Deputy Vice-Chancellor (Student Affairs) (HEP). This division takes on the responsibility of planning, managing, and executing welfare assistance to support students' development and studies, with a particular focus on those in need.

In 2022, HEP achieved a remarkable feat by securing

RM 1.1 million from external contributions for student aid. This funding encompassed RM 262,762 in non-cash contributions and RM 867,100 in cash contributions. These resources were instrumental in providing much-needed support to students from lower-income families, as well as those facing disadvantages, at-risk circumstances, or disengagement from conventional education.

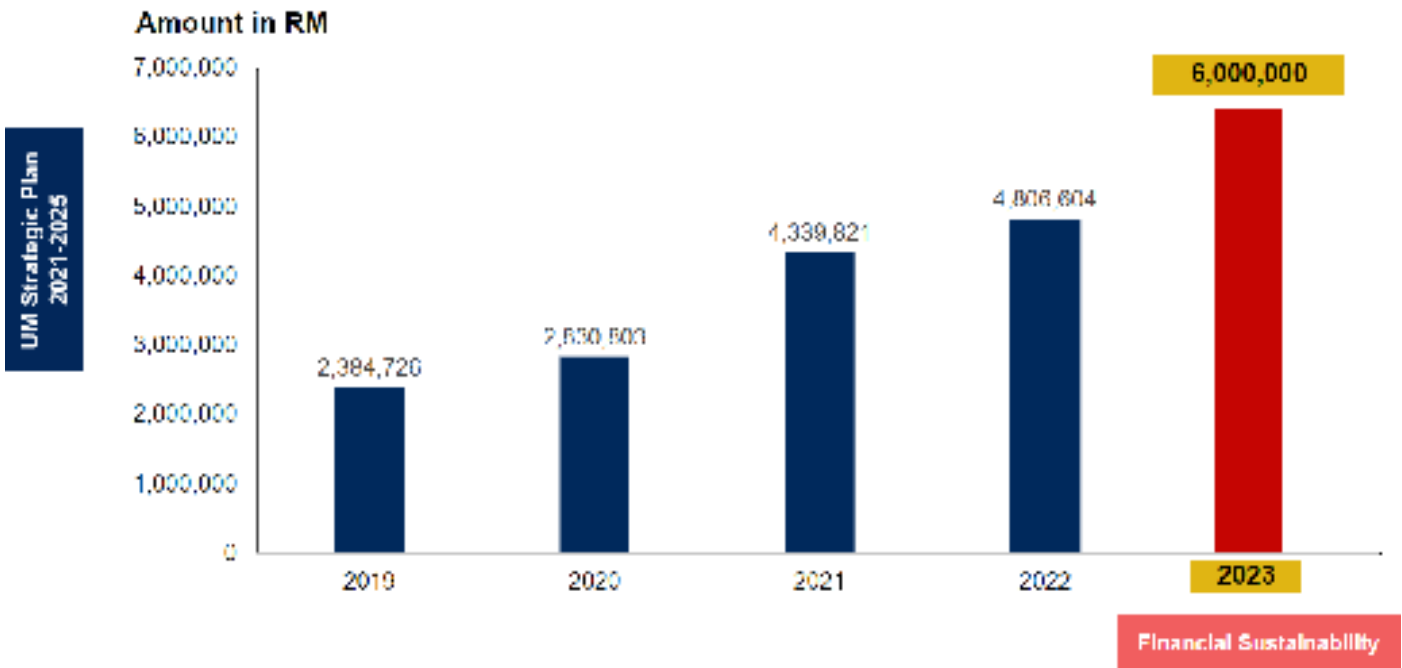
Furthermore, in that same year, we successfully collected RM 4,806,604 and distributed approximately RM 1,708,700 of Zakat Funds to benefit over 2300 students and staff members. Our unwavering aim is to ensure that all individuals, regardless of their family background or previous education, are afforded equal opportunities to thrive and succeed at UM.

UM also had disbursed a total of RM 2,596,258 in various forms of support. This assistance includes cash amounting to RM 1,426,875, provisions for daily necessities and food totaling RM 584,383, as well as the provision of laptops amounting to RM 585,000. These resources were distributed to 4,700 eligible students, including those from Bottom-40 and Asnaf families, to empower them in successfully completing their courses at our university.

Moving forward, we are incredibly optimistic about expanding our range of alternative aids to help address the social disadvantages arising from poverty. Our commitment remains resolute in providing a level playing field for all members of our university community.

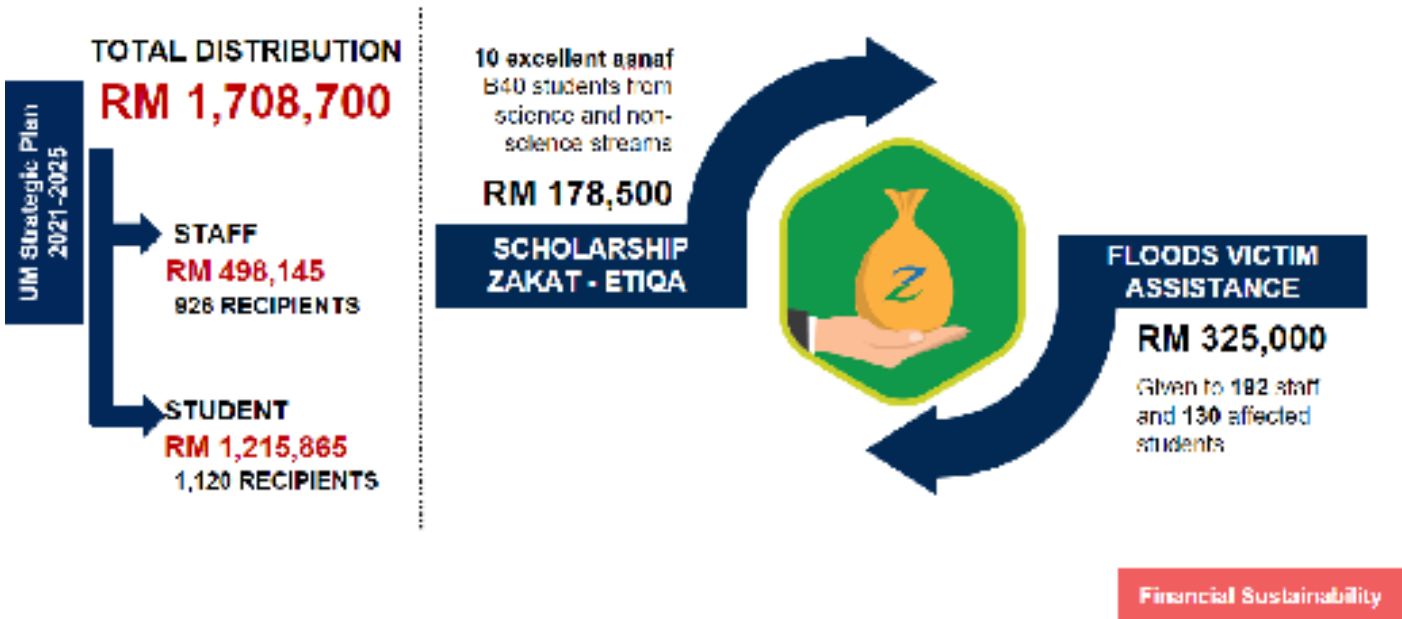


Zakat Collections from UM Staff



Extracted from Vice Chancellor's Oration 2023

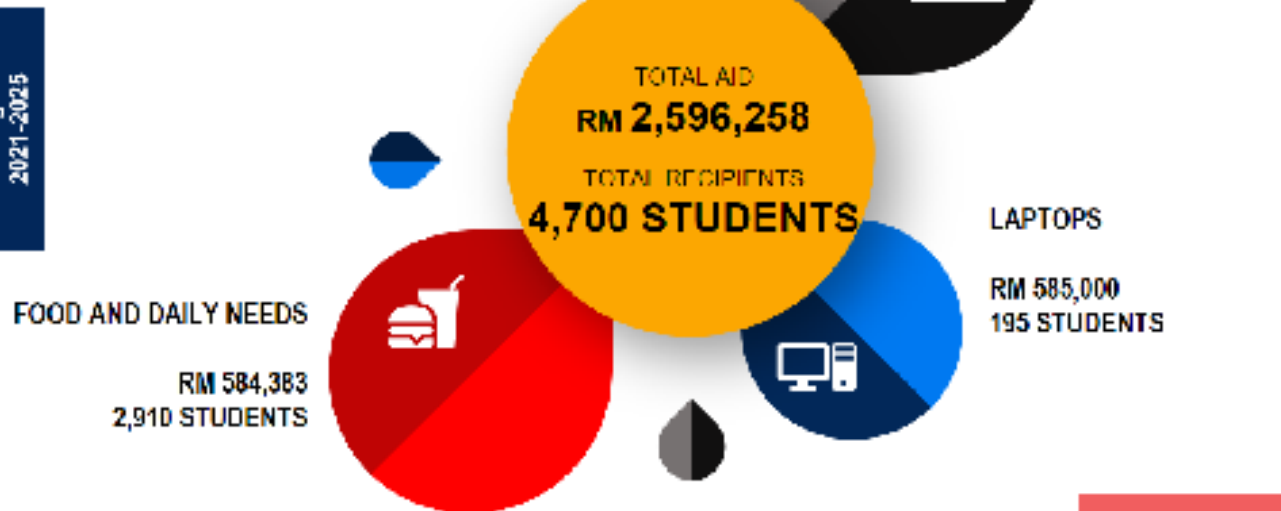
Zakat Distributions 2022



Extracted from Vice Chancellor's Oration 2023

Financial Assistance 2022

UM Strategic Plan 2021-2025

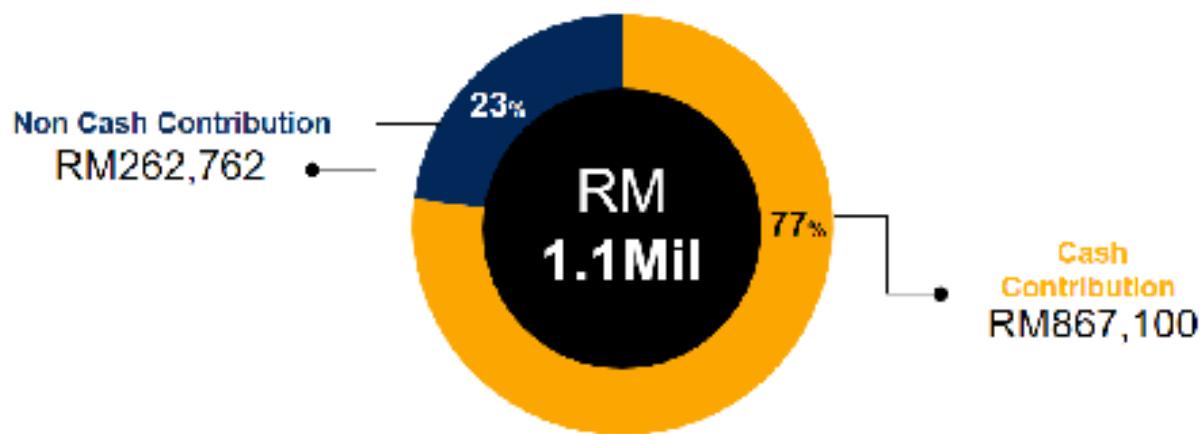


Financial Sustainability

Extracted from Vice Chancellor's Oration 2023

External Contributions Generated by HEP for Student Aid For 2022

UM Strategic Plan 2021-2025



Projection of Contribution 2023: RM1,200,000

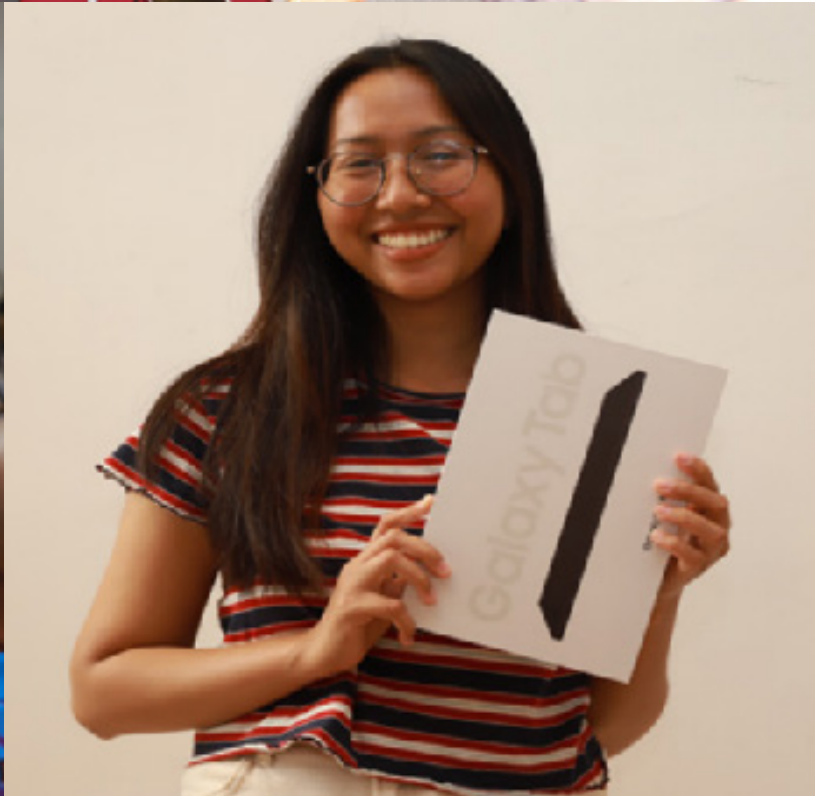
Financial Sustainability

Extracted from Vice Chancellor's Oration 2023



PERANTISISWA KELUARGA MALAYSIA

Team HEP successfully distributed the *Perantisiswa Keluarga Malaysia* tablets, which were allocated to 3,342 eligible B40 students over three days on 3rd, 9th, and 10th November 2022 at the Perdana Siswa Complex Auditorium. This is to assist eligible students in improving their educational process in campus.





HOUSING SUBSIDY PROGRAM -UMSU RENTAL HOUSE

Rumah Sewa KMUM' (UMSU Rental House) is an initiative from the UM Students' Union (UMSU) under the Portfolio of Student Affairs.

This initiative was established to help the senior students, especially those from the B40 family and those from Sabah and Sarawak, to get a place to stay throughout their academic session.

Several houses are in the area near the Ninth-

Residential College where the old bungalows owned by the university are being refurbished and repurposed for the students to stay.

The houses are fully managed by the Union itself and with the rental rate being as low as RM150 per month. It truly serves its purpose of helping the students in need to have a place they can call home

Source:

1) [UMSU's website](#)





SUBSIDISED STUDENT MEAL (ECONOMY RICE SET)

To alleviate students' financial hardships, all residential college cafeterias in UM offered economy rice set meals at RM3.50 or RM5. The RM3.50 set included white rice, omelette, and vegetables or ulam, while the RM5 set consisted of white rice, chicken or fish, and vegetables or ulam.

The Students Affairs Department collaborated with UM cafeteria operators to design this menu, displaying its concern for students' well-being and their ability to sustain themselves at the university.

This initiative aligns with Prime Minister Datuk Seri Ismail Sabri Yaakob's vision of introducing the Keluarga Malaysia Menu at cooperative restaurants, cafeterias, and food outlets in public universities. The aim is to provide affordable meals to targeted groups, ensuring accessibility to nourishing food options.

Source: Berita Harian, 12 July 2022

FOSTERING COLLABORATION WITH STATE GOVERNMENT, AGENCIES AND NGOS TO ADDRESS POVERTY IN CAMPUS

In 2022, UM worked diligently to establish new strategic collaborations with the Sabah State Government, government agencies, and NGOs to enhance students' welfare, particularly for those in need.

The primary objective of this endeavor was to raise funds and gather donations, including cash, learning devices, food,

beverages, and daily necessities.

Here are some highlights from all our efforts in 2022, and we are immensely appreciative of the contributions and support received from our collaborative partners.

For more information, please visit this [Inspire by HEP](#)



Above are the compilations of some financial aids received from external organisations in 2022.

The logo for the Palestinian Students Association (PSA) at the University of Malaya. The letters 'P', 'S', and 'A' are rendered in a bold, sans-serif font. The 'P' is black, the 'S' is red, and the 'A' is green. To the left of the logo is a stylized graphic of the Palestinian flag, with red and black brushstrokes at the top and green and white brushstrokes below.

رابطة الطلبة الفلسطينيين - جامعة ملایا

Palestinian Students Association - University of Malaya

SCHEMES TO SUPPORT PALESTINIAN STUDENTS IN UM

UM acknowledges the significance of offering world-class quality education opportunities to underprivileged students from low and lower-middle income countries. In addition to actively collaborating with industry leaders, governments, and NGOs to create scholarships for our local students, we are equally committed to investing similar efforts in supporting students from low and lower-middle income countries.

The Palestinian Tuition Fee Rate exemplifies one such financial aid initiative, specifically designed for Palestinian students coming to study at UM. This program offers a 75% tuition fee discount for undergraduate students and a 45% discount for postgraduate students.

In 2022, a total of 19 postgraduate Palestinian students (5 Masters' students and 14 PhD students) benefited from this financial aid to study in our campus.

The primary objective of this program is to demonstrate UM's unwavering commitment and concern for the welfare of Palestinian students, providing them with a golden opportunity to expand their knowledge. By empowering them with education, we hope that they will return to their homeland equipped with the necessary skills to contribute to the redevelopment of their countries. This special scheme stands as a symbol of UM's solidarity in its humanitarian efforts to support oppressed Palestinians.



Community Outreach

COMMUNITY ANTI-POVERTY PROGRAMMES TOWARDS SDGs

Leading community outreach programs is a way to fulfill our obligation and demonstrate a commitment to social betterment. UM is committed to use its valuable resources, including staffs, students, and research findings, which can benefit local communities through outreach programs.

START-UP COMPANIES APPRENTICESHIP PROGRAM

UM introduced this initiative for the first time to encourage start-up growth among students and the local community through a systematic mentoring program. 50 participants were selected based on recommendations from the Deputy Dean of Student Affairs in their respective faculties. They underwent a short business start-up course in February 2023, followed by an apprenticeship program with successful SME entrepreneurs during their industrial training period.

MINISTRY OF HIGHER EDUCATION FUND FOR THE AGRO-TECH ENTREPRENEURSHIP DEVELOPMENT PROGRAM

The Student Entrepreneurship

and Development Centre obtained RM198,000 entrepreneurship fund from the Ministry of Higher Education. The fund aims to produce urban agriculture agrotech entrepreneurs among university students, graduates, and the local community. The program involves cooperation with four other public universities: Universiti Kebangsaan Malaysia, Universiti Sains Islam Malaysia, Universiti Teknologi MARA, and International Islamic University Malaysia.

LEATHER CRAFTING MODULE FOR B40 SINGLE PARENTS' ADDITIONAL INCOME GENERATION

The Department of Oral and Maxillofacial Clinical Sciences, Faculty of Dentistry at UM successfully developed a leather

crafting module. This module aims to create a viable money-generating platform for B40 single parents as they navigate the post-pandemic era. After a screening process conducted through mobile applications using Google application forms and links advertised on WhatsApp, Facebook, Instagram, and Twitter, 4 single mothers were selected. They participated in an intensive 4-days workshop covering the foundation of leather products, fabrication techniques, leather craft hand-manufacturing, and marketing strategies. The workshop was conducted in collaboration with the local crafting studio, Krava Sdn. Bhd., and an indie brand, Fid Harry. It provided the participants with new skills and a viable additional income generation platform for B40 single parents.



UM DEEP TECH 2022 Startup Accelerator

UM DEEP TECH (UMDT) 2022 STARTUP ACCELERATOR DEMO DAY

UMDT is an innovative deep technology commercialization program, spearheaded by UMCIE, that plays a pivotal role in promoting technology transfer, commercialisation, and entrepreneurship within the community surrounding Universiti Malaya.

UMCIE is a one-stop center committed to building an entrepreneurial ecosystem at Universiti Malaya. Its mission is to accelerate the scaling of R&D outputs and their application to society, provide solutions to industry, and open doors for high technology investment. As the core body at UM, UMCIE creates strategic opportunities for investment in the latest technological

advancements through university start-ups.

UMDT is a transformative initiative bridges the gap between university technology and the market, offering a unique six-month accelerator program. The program includes 24-weekend classes and hands-on market validation studies. Selected start-up projects will also participate in an external pitching program, gaining invaluable insights and experience as they prepare for UMDT Demo Day.

The program aims to bolster the university's entrepreneurial values and cultivate University Start-ups by providing financial support, mentorship, exposure to investors' pitching, and guidance in market validation to create sustainable businesses.

UMDT 2022 had proudly showcased 13 shortlisted exceptional startups, each with groundbreaking ideas that have the potential to reshape industries.

Our collaborative and empowering start-up ecosystem, along with university funding, has been a driving force in empowering these talents.

For more information on this programme, please visit [UM Deep Tech 2022 Report](#)



			Nil			
Seang Kiam Low	M. A. MOHAMMAD HOSSEIN	Yang Puan Chan	Yan Hoeng Ng	Wong YK	Maggie Nadek Shapri	Jack Huang Chan
Muhammad Khalid Fakhri bin...	Cheng Shyu Lee	Ng Jina Zahari	SOO JIAOYI - Mrs. Anna Lucia	Rajesh Kas...	SOO JIAOYI - Adika Goh...	Azzee Afi
Nurhidayah Ahmad Ridwan	NURULANSARI Ahmad Ridwan					
Henry Goh	Norli Anisa Abd...	Zain Ibrahim	47 unassigned participants			
Henry Goh	Norli Anisa Abd...	Zain Ibrahim	47 unassigned participants			Aizat Ayob

MOHAMMAD Adnan Goh...	Azzee Afi	Poohah Satri	MUHAMMAD IDZAN	Shamir K.	MUHAMMAD Anis Kurnia...	Muhammad Hariz Anfarul Tan...
Fauziah Nur Ahmad Ridwan	Di Mei Ng	MUS IDZAN	Rozal Ahmad	Nadeh Sahmi	Imedi Jashari	Isa My Shin
					Henry Goh	Norli Anisa Abd...
Di Mei Lee	Ivan Rubin	Edi	yusmin othman	Karlisa GF	Henry Goh	Norli Anisa Abdillah
Zain Ibrahim						Mohammed F. R...
Zain Ibrahim	Aizat Ayob	Edi Adib	Sean Lee-Hawtree	Mahmoudi Rahma	U Hi Siew	Mohammed F. Rajab
	chuanheeng chin		Nuraina Dahlan	Siti Rohayu Ma...	MADHU MARRI...	Syed Hakim
Kok Hin Ng	chuanheeng chin	Karin Tan	Nuraina Dahlan	Siti Rohayu Mohd Saad	MADHU MARRIAK	Syed Hakim
Sherry Soliman	Gerard Ong	Lee Wan Ling	Thangaraj. Mun...		Cindy Goi	
Sherry Soliman	Gerard Ong	Lee Wan Ling	Thangaraj. Munusamy	Hai Yee F.	Cindy Goi	Shi Han Lee
Benjamin Yap	Sha Bo Tan	Hakwan		Shawn Shawn		Maxwell Ramesh
Benjamin Yap	Sha Bo Tan	Hakwan	Ja Shih	48 unassigned participants	Una Anwar	Navel Ramesh

SUPPORTING LOCAL START-UPS THROUGH MENTORSHIP PROGRAMMES, TRAINING WORKSHOPS, AND ACCESS TO UNIVERSITY FACILITIES



UNIVERSITI MALAYA Vynn Capital

THE LEADERPRENEUR TALK SERIES 2
"Aspire to Inspire"

Speaker
MR. VICTOR CHUA
Founding & Managing Partner, Vynn Capital

VC IN MALAYSIA

25th February 2022 | 10:00 AM - 11:00 AM | Friday

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UNIVERSITI MALAYA

THE LEADERPRENEUR TALK SERIES 1
"Aspire to Inspire"

Speaker
MR. ASYRAF KHALID
CEO of A Klasse Essentials Sdn Bhd

THE POWER OF DREAMS

28 January 2022 | 10:00 AM - 11:00 AM | Friday

Find Us on Social Media
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UNIVERSITI MALAYA adipven Intellectual Property Webinar

PATENT SEARCH - HOW TO CONDUCT A PRIOR ART SEARCH

30 MAY 2022 (Monday)
10.00 AM - 12.00 PM
ZOOM PLATFORM

The Speaker
MR. RAMAKRISHNA DAMADHARAN
Managing Director
Adipven (M) Sdn. Bhd.



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https://umcie.um.edu.my/ +603 - 7967 7351



UNIVERSITI MALAYA THE LEADERPRENEUR TALK SERIES - "Aspire to Inspire"

A DIALOGUE WITH DR JEZAMINE
START IT RIGHT NOW!

22 APRIL 2022 | 10:00 AM - 11:00 AM | FRIDAY

Speaker
DR. JEZAMINE LIM
CEO of Cell Biopeutics, Affiliate Young Scientists Network-Academy of Sciences Malaysia (YSN-ASM), Co-founder of The Hope Branch, The Joke Factory & Scientific consultant

Moderator
MS. SERENA LADE
Board of Teraju Siswa




UNIVERSITI MALAYA

THE LEADERPRENEUR TALK SERIES 3
"Aspire to Inspire"

25th March 2022 | 10:00 AM - 11:00 AM | Friday

STARTING UP A TECH COMPANY FROM ZERO

Speaker
MR. MURALI PRASAD
Chief Executive Officer of Sizzlescience

SANTA/ SESSION WITH TERAJU SISWA

Speaker
MR. MURALI PRASAD
CEO of Sizzlescience

Speaker
MR. FIRDAUS ANUAR
Board of Teraju Siswa

Moderator
MS. WAN SURAYA
Teraju Siswa




UNIVERSITI MALAYA UPSILON HOLDINGS THE LEADERPRENEUR TALK SERIES - "Aspire to Inspire"

ENTREPRENEURSHIP: UNDERSTANDING PROBLEMS

8 JUNE 2022 | 10:00 AM - 11:00 AM | WEDNESDAY

Speaker
MR. KEVIN TAN
Investment Director
Upsilon Holdings Sdn Bhd

Moderator
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Board of Teraju Siswa



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IMPROVING ACCESS TO BASIC SERVICES FOR ALL THROUGH UM PULSE OF LEMBAH PANTAI

The UM Pulse of Lembah Pantai represents a significant initiative undertaken by UM through UMCares to foster a meaningful and supportive relationship with the community, particularly those residing in the vicinity of the University.

This model of engagement involves direct communication with community leaders, identifying key issues, and engaging key stakeholders, such as schools and industry players, resulting in a comprehensive research map.

Once successful in Lembah Pantai, we aim to expand this model to other nearby communities, including Kampung Tunku, Petaling Jaya, and Damansara.

UM Pulse of Lembah Pantai embodies a holistic approach that includes the involvement of Warga UM, comprising academic staff, administration, and students, all united under the brand of UM.

This program focuses on three key scopes: Health & Wellbeing, Education, and Environment. In collaboration with stakeholders such as Industry, NGOs, the Lembah Pantai Community, and Government, we strive to make a positive impact and foster meaningful change within these areas.

For more details, visit [UM The Pulse Of Lembah Pantai Page](#)



KELAB SAHABAT UM DO OUT-REACH PROGRAMS IN EDUCATION

Kelab Sahabat is also known as (Sekolah Angkat UM) and is a means for UM to conduct activities at school level. The main objective of Kelab Sahabat UM was to help schools, particularly schools with limited capabilities of launching noncurricular/curricular activities and at the same time allowing UM an

avenue for CSR activities

In early stage, only 7 cluster schools were attached to UM as mandate from Ministry of Education as adoption schools. Currently, with the collaboration from Bangsar/Pudu and Petaling Utama District Education Office more than 233 schools have registered under Kelab Sahabat UM from various type of school such as cluster school, urban school and many more.



HEALTHCARE: FROM LAB TO HOSPITAL-MUSHROOM POISONING, A DIFFERENTIAL DIAGNOSIS IN ACUTE GASTROENTERITIS

Project Execution: 9 months
Location: Hospital Kuala Lumpur & UM
Contributions from Civil Society: RM 1,700
Numbers of Community benefited: 119 people

Mushroom Research Centre (MRC) in UM has been consulted by the medical officers from different states all over the country. Since then, MRC and the Hospital of Kuala Lumpur (HKL) have established a link to identify mushroom poisoning. Throughout the ad-hoc basis of collaborative works between MRC UM and HKL, UM identified certain knowledge gaps.

First, there is no list of poisonous mushrooms in Malaysia. Secondly, there is a lack of knowledge transfer from mycologist/scientist to the healthcare practitioners (medical officers and nurses) on mushroom toxicology and its clinical management. Lastly, there is no comprehensive information on mushroom-poisoning as a differential diagnosis of gastroenteritis.

As an outcome of the collaboration, a website on poisonous mushrooms was created to enhance the public and medical practitioner's knowledge on mushroom poisoning. Series of educational talks in science fairs, science café, and radio interview has been conducted.

Source: [UMCares Website](#)

EDUCATION: TOYING WITH SCIENCE- STUDENT OUT-REACH WITH STEM INSPIRED SOCIAL INNOVATION

Project Execution: 6 months
Location : Primary and secondary Schools in KL
Target Community: Schools students
Numbers of Community benefited: 323 students

In this project, a team of students and lectures co-developed science annotated learning modules using toys (in the form of Science Kit) and used as teaching aid for Science subject in the lower secondary and primary classes. The kit contains lessons and learning activities that are related to toys and offer

students to learn science in an integrated approach. Experiential learning activities were carried out using these modules by young learners and monitored by teachers and volunteers.

Six schools with a total of 11 teachers and 198 pupils participated in the activities. The impact of the project to the young learners was measured through competition and quiz after the activity. Data were collected through classroom observations and questionnaires.

Source: extracted from [UMCares website.](#)



HEALTHCARE: THERAPEUTIC EXERCISE MODULE FOR CHILDREN WITH SPECIAL NEEDS

Project Execution: 5 months

Location: SK Sri Damai, SK Satu Sultan Alam Shah, SK 11 Kota Damansara, SK Sri Kelana dan SK Damansara Jaya

Numbers of Community benefited: 88 people

This project focuses on delivering seminar and workshops on effective therapeutic exercises focusing on Gross and Fine Motor skills to parents 'hands-on' while being monitored by expert trainers.

The Seminar and Workshop on Therapeutic Exercises to Improve Sensory Skills for Children with Special Educational Needs aims to provide knowledge to parents with special needs children on various categories of special needs, and how they can play a role to assist the development of their children in terms of their emotion, behavior, psychomotor skills and reducing the disability appearance.

80 Parents with special needs children, and their special child from SK Sri Damai, SK Satu Sultan Alam Shah, SK 11 Kota Damansara, SK Sri Kelana and SK Damansara Jaya were invited to the Seminar and Workshop on Therapeutic Exercises to Improve Sensory Skills for Children with Special Educational Needs.

They were provided with knowledge on various categories of special needs, and how they can play a role to assist the development of their children in terms of their emotion, behavior, psychomotor skills and reducing the disability appearance.

HEALTHCARE: STROKE COMMUNITY REHABILITATION FOR THE EAST ISLAND (SCORE)

Project Execution: 12 months

Location: Kota Bharu, Kelantan

Contributions from industries: RM 3,700

Numbers of Community benefited: 300 people

SCORE is a community engagement initiative with PERKIM as industrial partner aimed at transforming and scaling up an "ailing" community centre through Knowledge Transfer from academia to community.

Output of the project are as follows:

1. Mini SCORE disseminated knowledge about (1)stroke (2) stroke risk factors to the community and (3) exercise methods for stroke patients that can be done at home.

2. Participants of the survey has been given stress ball.

3. Qualitative report on barriers and needs of stroke rehabilitation in Kelantan.

4. Quantitative report on patients Knowledge Attitude and Practice of stroke rehabilitation in Kelantan

EDUCATION: COGNITIVE ASSESSMENT OF SPECIAL NEEDS CHILDREN IN QURAN LESSONS

This project was a collaboration with the Centre of Quranic Research aimed at helping the Muslim Special Needs Student to become familiar with Arabic letters as part of the process of learning the Quran. The study involves the development of a computer-based application that was adapted from the learning method developed by the Faqeh Foundation(an NGO) who supports teaching of the Quran lessons for this group of children.



Unlocking The Future

PARTICIPATION IN POLICY MAKING TO ADDRESS POVERTY ISSUES

As institutions with a societal role, UM has a social responsibility to address pressing issues like poverty. We use our research to provide valuable insights and evidence-based recommendations for the development of effective poverty policies in the country and global. Our advocacy efforts can influence policymakers and contribute to the implementation of effective anti-poverty measures.

10-10 MALAYSIAN SCIENCE, TECHNOLOGY, INNOVATION AND ECONOMIC (MYSTIE)

The 10-10 MySTIE Framework is an integration of 10 key Malaysian socio-economic drivers with 10 global leading science and technology drivers to address socio-economic and environmental issues. In the development of this policy, the Academy of Sciences Malaysia had done series of engagements with selected national and international institutions including Universiti Malaya.

NATIONAL MULTIDIMENSIONAL POVERTY INDEX

A team of academics from UM Ungku Aziz Centre is currently revising and enhancing the National Multidimensional Poverty Index, which serves as a vital tool

for policymakers in their efforts to address poverty. The Multi-dimensional Poverty Index was initially introduced in the 11th Malaysia Plan back in 2016. This index provides us with a comprehensive view of poverty by considering various dimensions. Deprivation of basic necessities such as food, clothing, primary education, employment opportunities, and social facilities not only signifies a lack in these areas but also restricts one's ability to access economic opportunities.

For more information on this ongoing project, please go this [link](#).

UNDERSTANDING NEW AGE VULNERABILITY WITHIN THE MALAYSIAN CONTEXT

Social Wellbeing Research Center (SWRC) Director, Professor Datuk Norma Mansor, was invited as a panelist for the closed-door Behavioral Workshop on Understanding New Age Vulnerability within the Malaysian context by the Institute for Capital Market Research (ICMR) to share her understanding of the structural issues that have contributed to the current state of vulnerability in Malaysia, the role of policymakers and if behavioral interventions can be applied to help these vulnerable groups.



THE 17TH EAST ASIAN ECONOMIC ASSOCIATION (EAEA) INTERNATIONAL CONVENTION: MALAYSIA'S ECONOMIC RECOVERY: DIGITALIZATION AND GREEN TRANSITION

Professor Datuk Norma Mansor, the Director of SWRC, had the esteemed honor of being invited as a panelist for the plenary session titled "Malaysia's Economic Recovery: Digitalisation and Green Transition" during the 17th EAEA International Convention held at Sunway University on August 28th, 2022.



POLICY ROUNDTABLE: THE FUTURE OF PENSIONS AND SOCIAL PROTECTION IN MALAYSIA

SWRC had the honor of receiving an invitation from the prestigious Malaysian Institute of Economic Research (MIER) to partake in the highly anticipated Policy Roundtable event on September 6th, 2022. The focus of the discussion revolved around charting the path for the future of pensions and social protection in Malaysia. Dr. Halimah Awang, Puan Nik Noor Ainoon Nik Osman, and Puan Kama Firdaus Subbahi brilliantly represented SWRC during this influential gathering.

DISCUSSION ON BELANJAWANKU 2022

On September 7th, 2022, SWRC

conducted a comprehensive policy discussion with EPF, delving into the latest figures for the Belanjawanku 2022 booklet, pamphlet, and apps. This engaging session aimed to review and update the crucial information, ensuring its accuracy and relevance for the benefit of all stakeholders.

AWCA TECHNICAL SEMINAR MANAGING SOCIAL SECURITY POST COVID-19

SWRC Director, Professor Datuk Norma Mansor, had the esteemed privilege of being invited as a distinguished panelist. The seminar took place at the Intercontinental Hotel in Kuala Lumpur from 6 to 8 September 2022. The event focused on crucial discussions concerning

Social Security Protection for Foreign Workers in our region.

MARS WAVE-2 FINDINGS AND POLICY ISSUES

On 13 September 2022, SWRC hosted a highly anticipated roundtable discussion entitled "MARS Wave-2 Findings and Policy Issues." The main objective of this thought-provoking gathering was to formulate policies that would foster insightful discussions concerning ageing in Malaysia. Distinguished participants from various agencies, ministries, and reputable research centers graced the occasion. Notable attendees included EPF, SOCSO, MOH, KPWKM, MOHR, EPU, UNDP, ICU, KRI, World Bank, UM, and MyAgeing UPM.





1 NO POVERTY



CDC welcomes your enquiries and feedback on this report.

Please email: corporate_data@um.edu.my