

Introduction

1994



Academic: 1,128
P&Support: 1,694
Total: 2,822*



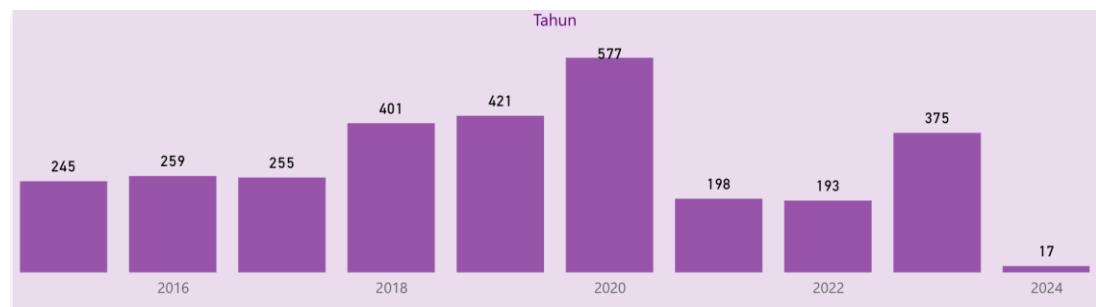
Undergraduate: 15,932
Postgraduate: 3,010
Total: 18,942



Faculty: 11
Centre: 2
Academy: 1
Institute: 4



Science & Tech: 77
Social Science: 74
Total: 151 program



*not including UMS Hospital (3,351)

- Number of new research grants @UMS

Mission & Vision



UMS strives to be an innovative university of global standing



UMS strives to achieve academic excellence and international recognition through its attention to learning and teaching, research and publications, social services and balance in knowledge specialization. The university also prioritizes the personal growth of its students, resulting in greater innovation and productivity for the benefit of society and the nation as a whole.

OPEN SCIENCE @ UMS



UMS

UNIVERSITI MALAYSIA SABAH

UNIVERSITY WORKING GROUP



DEPUTY VICE CHANCELLOR (R&I)
INSTITUTIONAL PROJECT LEADER



REGISTRAR
(OS POLICY & PROMOTION)

RMC DEP DIRECTOR (STRATEGIC)
(PROJECT COORDINATOR, OS
POLICY & science shop)



CIDM DIRECTOR
(OS INFRASTRUCTURE
DEVELOPMENT)



HEAD OF LIBRARY
(DATA ARCHIVING & science shop)



CHIEF DIGITAL OFFICER
(ASST. PROJECT LEADER)



PLUMS DIRECTOR
(OS COURSE IN PG PROGRAM)

POLICIES AND GUIDELINES

- UMS Data and Information Policy (2019) -
 - Dasar Data dan Maklumat UMS (2019)
- UMS Institutional Repository Policy
 - Dasar Repotori Institusi UMS (UMSIR)
- UMS Data and Information Collection Guideline (2019) -
 - Garis Panduan Pengumpulan Data dan Maklumat UMS (2019, pindaan terkini tahun 2022)
- UMS Data Application and Submission Guideline (2019) -
 - Garis Panduan Permohonan dan Penghantaran Data UMS (diluluskan tahun 2019, pindaan terkini tahun 2023)
- UMS Open Data Guideline (2023) -
 - Garis Panduan Data Terbuka UMS





UMS
UNIVERSITI MALAYSIA SABAH

DASAR DATA DAN MAKLUMAT UMS

1.0 TUJUAN

Menyatakan tanggungjawab pihak yang terlibat dengan penyediaan, pengesahan dan pengeluaran data dan maklumat di Universiti Malaysia Sabah (UMS).

2.0 SKOP

Skop dasar ini meliputi tanggungjawab JFPIU Maklumat (PPDM) berkaitan ciri utama, penghantaran data dan maklumat UMS.

3.0 CIRI-CIRI UTAMA DATA DAN MAKLUMAT

Data dan maklumat hendaklah memenuhi kriteria

3.1 Kerahsiaan
Maklumat tidak boleh didedahkan se diakses tanpa kebenaran selaras dengan **Peribadi 2010 dan MS ISO 27001:20**

3.2 Integriti
Data dan maklumat hendaklah tepat dan dengan cara yang dibenarkan selaras (**ISMS**).



UMS
UNIVERSITI MALAYSIA SABAH

GARIS PANDUAN PENGUMPULAN DATA DAN MAKLUMAT UNIVERSITI MALAYSIA SABAH (UMS)

1.0 TUJUAN

Garis Panduan ini menjelaskan dan menetapkan prosedur pengumpulan data dan maklumat selaras dengan **Dasar Data Dan Maklumat UMS**.

2.0 TAFSIRAN

Melainkan sesuatu itu terjelas maksudnya dalam peraturan ini, tafsiran di bawah ini hendaklah dilukut :

3.1 Data Universiti' bermaksud data dan maklumat kakitangan, pelajar, penyelidikan & penerbitan ,institusi, kewangan dan data lain yang difikirkan saui.

3.2 Pemilik Data bermaksud Jabatan, Akademi, Fakulti, Pusat, Institut Bahagian yang mempunyai data dan maklumat universiti.

3.3 M' bermaksud Jawatankuasa Data Dan Maklumat UMS.



UMS
UNIVERSITI MALAYSIA SABAH

INSTITUTIONAL REPOSITORY

DASAR REPOSITORI INSTITUSI UNIVERSITI MALAYSIA SABAH (UMSIR)

1. PENDAHULUAN

Dasar ini menetapkan menetapkan prinsip dan teras pengurusan bahan bagi Koleksi Repotori Institusi Universiti Malaysia Sabah (UMSIR) yang perlu dipatuhi dan dilaksanakan oleh semua ahli Universiti di Universiti Malaysia Sabah (UMS).

2. LATAR BELAKANG

2.1 Perpustakaan Universiti Malaysia Sabah (UMS) telah diwujudkan pada pengurusan dan penyimpanan maklumat bagi menyokong pengajaran, per-

2.2 Perpustakaan UMS juga telah diperlengkangjawabkan untuk menyokong fungsi ini telah dilaksanakan sejak tahun 2000 dengan mewujudkan ilmiah daripada graduan pertama universiti pada tahun 1999.

2.3 Bagi memastikan koleksi ini mudah dicapai oleh pelanggan perpustakaan Universiti Malaysia Sabah (UMSIR) dalam bentuk digital telah dirasmikan sememangnya sejarah dengan keperluan semasa i.e 'edakan maklumat' yang membawa gaya hidup berterasa peng anywhere; dan ini juga selaras dengan Statut dan Perlembagaan Kewajiban Ketua Pustakawan.

3. SKOP

Dasar Repotori Institusi Universiti Malaysia Sabah (UMSIR) ini terpakai ke Sabah (UMS) sama ada yang dihasilkan oleh ahli akademik, bukan akademik



UMS
UNIVERSITI MALAYSIA SABAH

GARIS PANDUAN PELAKSANAAN DATA TERBUKA UNIVERSITI MALAYSIA SABAH (UMS)

1.0 TUJUAN

Garis Panduan ini bertujuan memberikan panduan pelaksanaan data terbuka UMS selaras dengan Pekeliling Am Bil.1 Tahun 2015: Pelaksanaan Data Terbuka Sektor Awam yang telah di keluarkan oleh Jabatan Perdana Menteri Malaysia bertarikh 30 September 2015 seperti di **LAMPIRAN 1: PEKELILING AM BIL.1 TAHUN 2015: PELAKSANAAN DATA TERBUKA SEKTOR AWAM**.

2.0 LATAR BELAKANG

VIRTUAL INFRA

- Enterprise Architecture UMS
- UMS Data Architecture
- Data Warehouse – DWH@UMS
 - Centralised Data Repository
 - Data Integration and Standardisation
 - Scalability and Performance
 - Data Governance and Security
- Big Data Analytics
 - Dashboards and Advanced Analytics
 - Data Lake



OPEN EDUCATIONAL RESOURCES

- iOER

OER@UMS Repository
OER@UMS is a digital service that collects, preserves, and distributes digital material. Repositories are important tools for preserving an organization's legacy; they facilitate digital preservation and scholarly communication.

How to register at OER@UMS

- SELF-REGISTER
- CONTACT ADMIN TO BE ASSIGNED AS SUBMITTER

Having difficulties upload your digital material?

Browsing by Title

Or enter first few letters: Go

Sort by: title Order: ascending Results: 20 Update

Now showing Items 1-20 of 1743 Next Page

1. Communication at Work
Gom, Daria; Jiony, Mary Monica (2020-10-19)
This video explains the role of communication in the workplace – conferring on the principles of effective communication, communication networks and the concepts of ethical communication.

1228: PAHIT UNTUK DITELAN
Dasan, Jakaria; Ahmedy, Fatimah (Utusan Malaysia, 2020-10-26)
COVID-19 bukan setakat menggemparkan dunia, malah kadar mortaliti akibat jangkitan virus pembunuh ini terus melonjak naik. Inilah yang turut berlaku di negara ini. Dampaknya, orang ramai dibelenggu resah sepanjang masa. . .

1st Nursing Emobility
Mazlinda, Musa (2021-03-29)
Student mobility is incoming or outgoing students within the country or across the border for education. In the context of increasingly globalization and internationalization, students move across their national boundaries ...

2016 Postgraduate Activities At A Glance
Daim, Sylvia (2016)

3S: FOOD FOR KIDNEY HEALTH



OER@UMS
OPEN EDUCATIONAL RESOURCES

OER@UMS Home → Faculty of Psychology and Education → E-Articles → View Item

Search OER@UMS Go

Search OER@UMS
 This Collection

Browse

All of OER@UMS
[Communities & Collections](#)
[By Issue Date](#)
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This Collection
[By Issue Date](#)
[Authors](#)
[Titles](#)
[Subjects](#)

A Study of Vocabulary Learning Strategies Among University Students from Non-English Majors

Chung, Casey Evan; Yasinin, Nur Fathiah; Arsat, Noraslynaz Natasha; Jonull, Meashely; Qi, Ke Jia; Said, Noraini

Date: 2021
URI: http://oer.ums.edu.my/handle/oer_source_files/1668

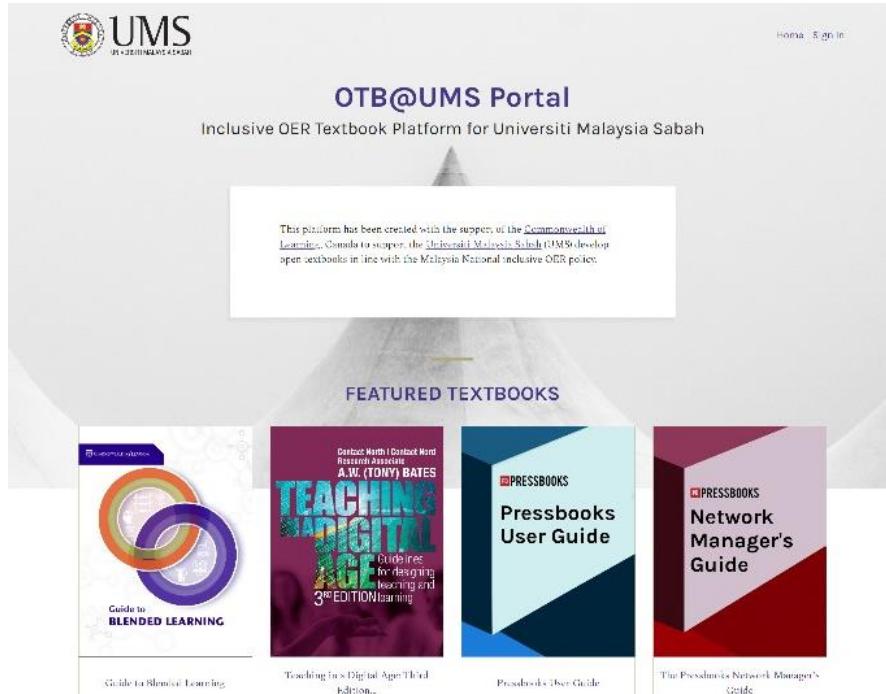
Abstract:

This study was conducted to determine the strategies that are significantly associated with samples who have superior and limited knowledge of L2 vocabulary. To achieve the objectives that have been selected, this study has used 2 methods to collect information related to this study, namely questionnaires and interviews. A total of 30 students answered the questionnaire provided in the form of Google Form and a total of 6 individuals who came from 3 levels of their English proficiency namely Excellent (2), Average (2), and Poor (2) were interviewed. A questionnaire was used to identify the level of the way those non-English major UMS students learn English vocabulary and their opinions about vocabulary. Interviews were conducted to obtain information related to the strategies used by each of the levels to learn English vocabularies and also to see what they think about learning English vocabularies.

Research shows that English vocabulary can be learned using various methods. The results of the study also differ from the reviewed article because most of them were not

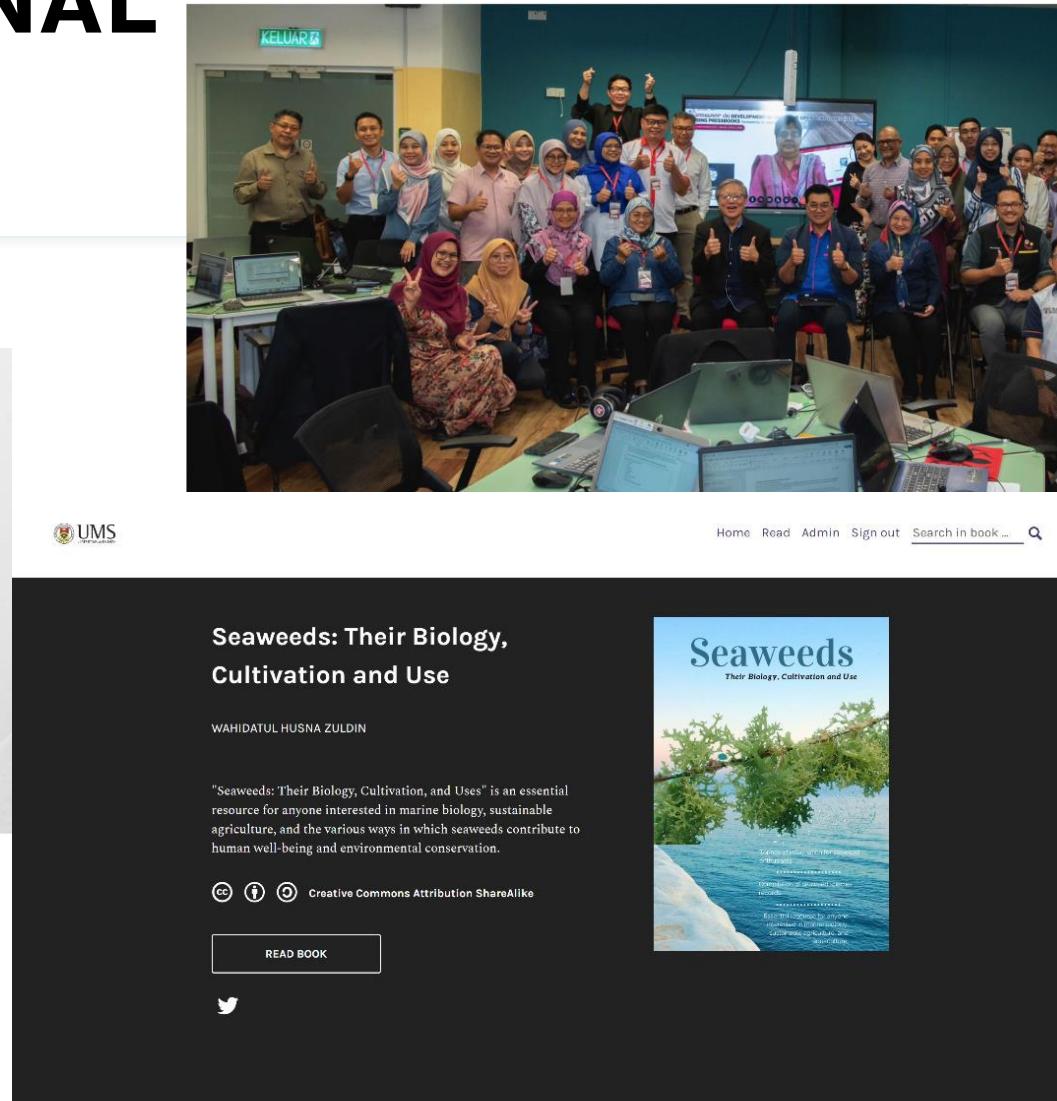
OPEN EDUCATIONAL RESOURCES

- iOTB@UMS (Open Text Book sharing platform)

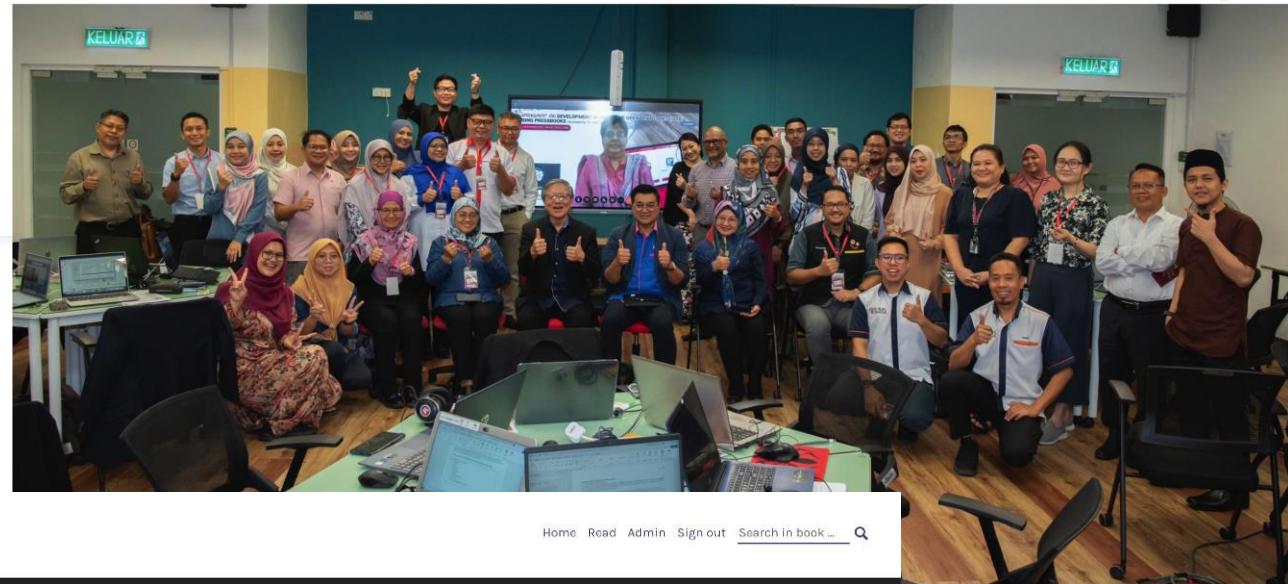


The screenshot shows the OTB@UMS Portal homepage. At the top, there's a banner with the text: "This platform has been created with the support of the Commonwealth of Learning, Canada to support the Universiti Malaysia Sabah (UMS) develop open textbooks in line with the Malaysia National Inclusive OER policy." Below the banner, the heading "FEATURED TEXTBOOKS" is displayed, followed by four book covers:

- Guide to Blended Learning
- Teaching in a Digital Age: Guidelines for Designing, Delivering and Assessing Learning (3rd Edition)
- Pressbooks User Guide
- Pressbooks Network Manager's Guide



The screenshot shows a page from the "Seaweeds: Their Biology, Cultivation and Use" textbook. The page includes the title, author (WAHIDATUL HUSNA ZULDIN), a brief description, and a Creative Commons Attribution ShareAlike license notice. Below the description is a "READ BOOK" button and a Twitter icon.

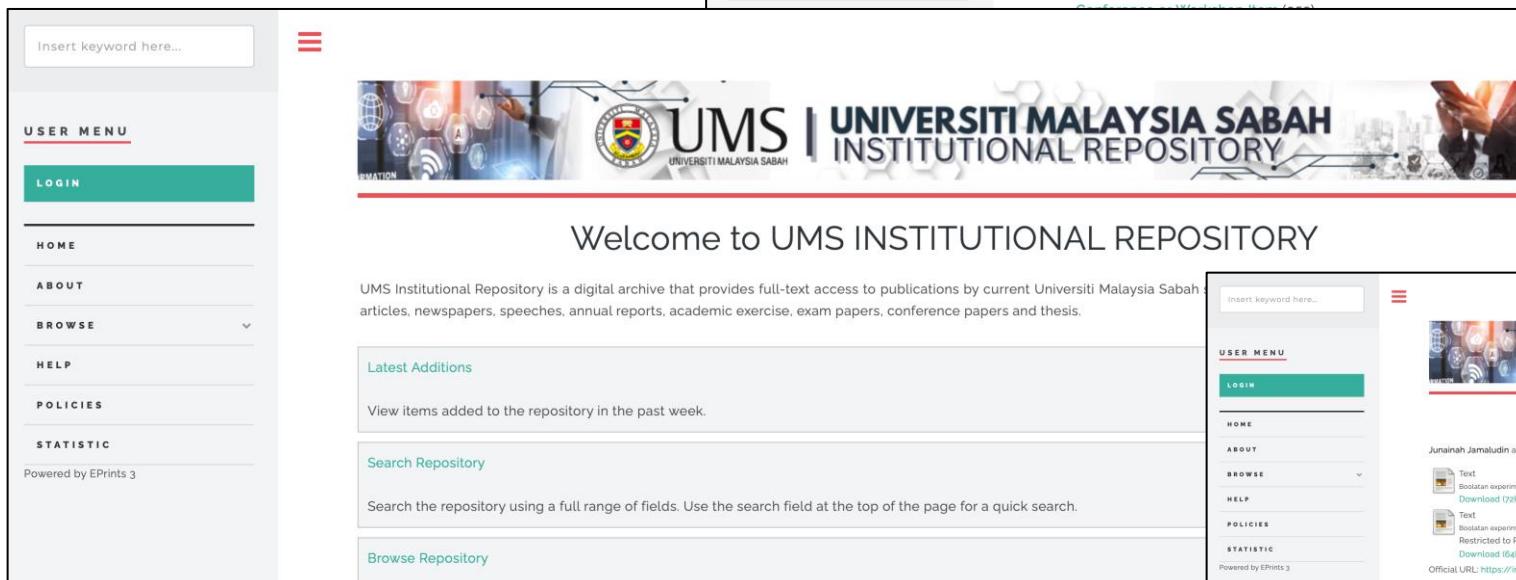


1st OTB Workshop
With Commonwealth
of Learning (COL)
Canada

- Nov 2023
- Participants – selected IHLs

SCIENTIFIC PUBLICATIONS

- UMS Institutional Repository



Welcome to UMS INSTITUTIONAL REPOSITORY

UMS Institutional Repository is a digital archive that provides full-text access to publications by current Universiti Malaysia Sabah articles, newspapers, speeches, annual reports, academic exercise, exam papers, conference papers and thesis.

Latest Additions

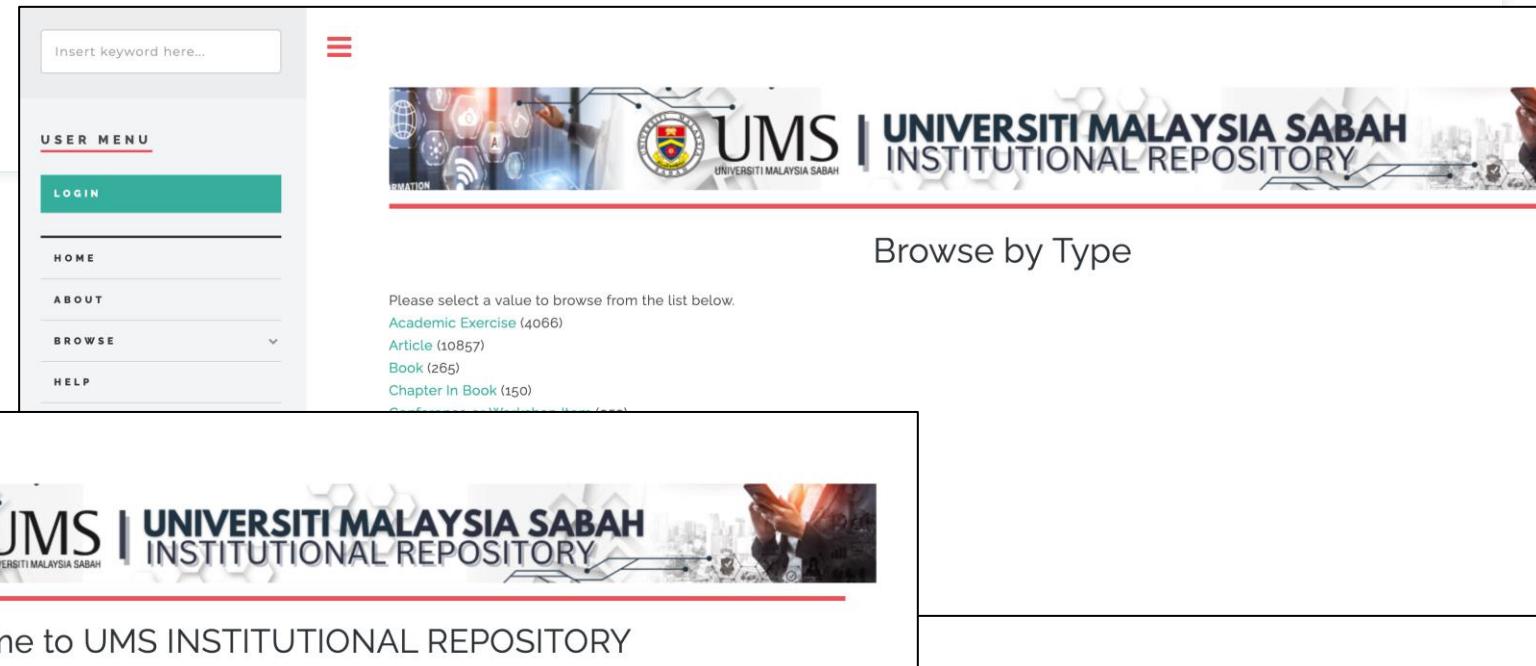
View items added to the repository in the past week.

Search Repository

Search the repository using a full range of fields. Use the search field at the top of the page for a quick search.

Browse Repository

Powered by EPrints 3



Please select a value to browse from the list below.

- Academic Exercise (4066)
- Article (10857)
- Book (265)
- Chapter In Book (150)
- Conference Paper (100)
- Exam Paper (10)
- Newspaper (1)
- Speech (1)
- Yearbook (1)

Browse by Type



Boolatan experiment

Junainah Jamaludin and Lay Yoon Fah and Crispina Gregory K. Han (2021) Boolatan experiment. (Experiment)

	Text
	Download (72KB)
	Text
	Restricted to Registered users only Download (64KB) Request a copy

Official URL: <https://imic2021conference.weebly.com/imic-2021-e-p...>

Abstract

"Boolatan Experiment" is a simple, ready-to-do experiment, and an inquiry approach that helps rural primary school pupils in mastering the 12 science process skills as stipulated in the primary science curriculum. The "Boolatan Experiment" consists of 11 stations whereby pupils need to rotate to complete the assigned experiments and worksheets. The integration of STEM concepts in this experiment includes measuring, recording, and observing (Science), counting, classify and arrange in patterns, measure volume of liquid (Mathematics), use of LCD to display slides and video in presenting ideas (Technology), and caution to control the amount of material ratio to affect the findings (Engineering). 33 rural primary school pupils from Sabah had conducted the experiments. Positive feedbacks were recorded from the science teachers and pupils involved. Rural primary school pupils' performances in Scientific Skill were measured at four timeintervals, i.e., pre-test, post-test 1, post-test 2, and post-test 3. The collected performance scores were analysed using the Repeated Measures One-Way ANOVA. The Greenhouse- Geisser value showed a significant difference in the performance scores before and after using the STEM- Science teaching module. Pairwise comparison results also showed that the achievement mean scores increased from 3.12± to 6.03± and the differences were found statistically significant at $p < 0.05$. Hence, it can be concluded that "Boolatan Experiment" can be used to enhance rural primary school pupils' acquisition of science process skills and diversify the use of STEM activities in teaching science at rural primary school.

LIVING LAB UMS

- > 15 registered living laboratories since Mar 2023



Kundasang Compost Living Lab (Faculty of Engineering, Universiti Malaysia Sabah)

about RESEARCH...

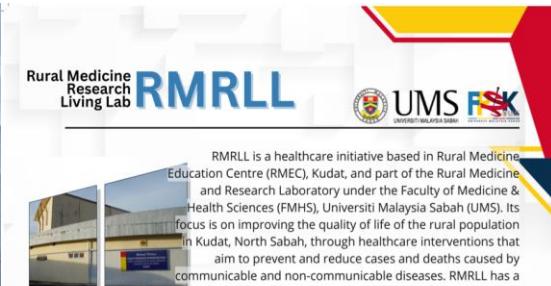
Kundasang Compost Living Lab explores an important aspect of a bio-mechanical processing system including compost mixture optimization in enhancing Kundasang communities sustainable waste management towards circular economy.

LOCATION... Opposite to Kinabalu Pine Resort

FACILITIES



A collage of images showing various facilities including a large white building, a black water tank, electrical equipment, a red machine, a wooden barrel, and a person working in a room.



Rural Medicine Research Living Lab **RMRL**

UMS FSK

RMRL is a healthcare initiative based in Rural Medicine Education Centre (RMEC), Kudat, and part of the Rural Medicine and Research Laboratory under the Faculty of Medicine & Health Sciences (FMHS), Universiti Malaysia Sabah (UMS). Its focus is on improving the quality of life of the rural population in Kudat, North Sabah, through healthcare interventions that aim to prevent and reduce cases and deaths caused by communicable and non-communicable diseases. RMRL has a long-term goal of promoting better health outcomes for the community through research and innovation.

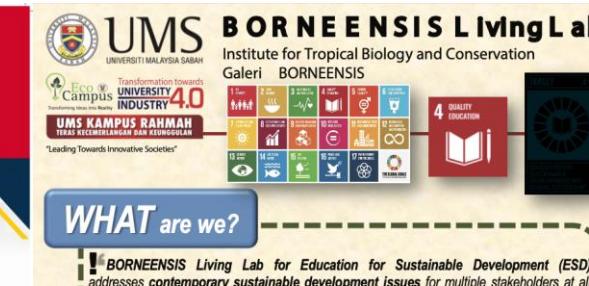
Establishment

RMRL was established as a manifestation of the Vice Chancellor's aspiration to make UMS a leader towards an innovative society. It also aligns with the Sabah Maju Jaya Development Plan (SMJ) 2021-2025, specifically under the aspect of Human Capital and People's Well-being. The establishment of RMRL aims to further increase the impact of UMS on the society of Sabah and the country, in line with the university's mission and vision since its establishment in 1994. RMRL serves as an added value and empowerment to the function and purpose of the establishment of RMEC since 2009. The lab's focus on rural medicine and research is part of a larger effort to promote better health outcomes and improve the quality of life for communities in rural areas.

The team



A grid of 15 small portraits of the team members.



BORNEENSIS Living Lab
Institute for Tropical Biology and Conservation
Galeri BORNEENSIS

Transformation towards UNIVERSITY INDUSTRY 4.0
UMS KAMPUS RAHMAN
TERAS KECERDASAN DAN KEONGSOLAN
"Leading Towards Innovative Societies"

WHAT are we?

BORNEENSIS Living Lab for Education for Sustainable Development (ESD) addresses contemporary sustainable development issues for multiple stakeholders at all age groups for resilient study-based and impact-driven climate actions towards UNSDG2030 attainment and global visibility enhancement, environmentalism and sustainability literacy strengthening for better human capital in communities and pertinent organizations/agencies/campuses, and commercialization for industries via innovation in both processes and technologies transformative platform for ESD in higher education.

VISION - To develop systematic, comprehensive, impactful and resilient ESD founded on the aspirations of UMS, Sabah, Malaysia and the world for sustainable development

MISSION - To initiate, implement, monitor, assess and document ESD to benefit sustainability awareness and visibility, research and publication, student capacity building, and support the development of community, industry and other agencies/organizations/campuses

WHY ESD?

ESD is the integration of key sustainable development issues, e.g., climate crisis, waste management, circular economy, poverty reduction, equity, quality of life, and human right to a healthy environment into environmental education for value, attitude and mindset change via resilient and impactful framework underlining quality programmes.

WHERE & WHEN?

The Living Lab is incorporated into Galeri BORNEENSIS inaugurated on 13th MARCH 2016 as the public outreach service arm of the BORNEENSIS Collection on natural history of Sabah, Borneo of specimens, traditional knowledge & sustainable development data since 1996



FORESTRY LIVING LAB
SFERA@UMS

UMS Faculty of Tropical Forestry
Fakulti Perhutanan Tropika



A collage of images showing forest maps, aerial views of forests, a group of people in a forest setting, and a presentation slide about the SFERA@UMS project.

Forestry Living Lab SFERA@UMS (Sustainable Forest Education and Research Area) gazetted to the Faculty of Tropical Forestry as teaching, learning, and research forest on the 8th of November 2021 through the approval from JPU Meeting BIL. 38/2021 (305). The total area of the forest is 62 acres comprised of Area 7, 8, 17, and 22e. It was officiated on the 22nd of June 2022 by Profesor Datuk Dr. Taufiq Yap Yun Hin, the former UMS Vice-Chancellor.

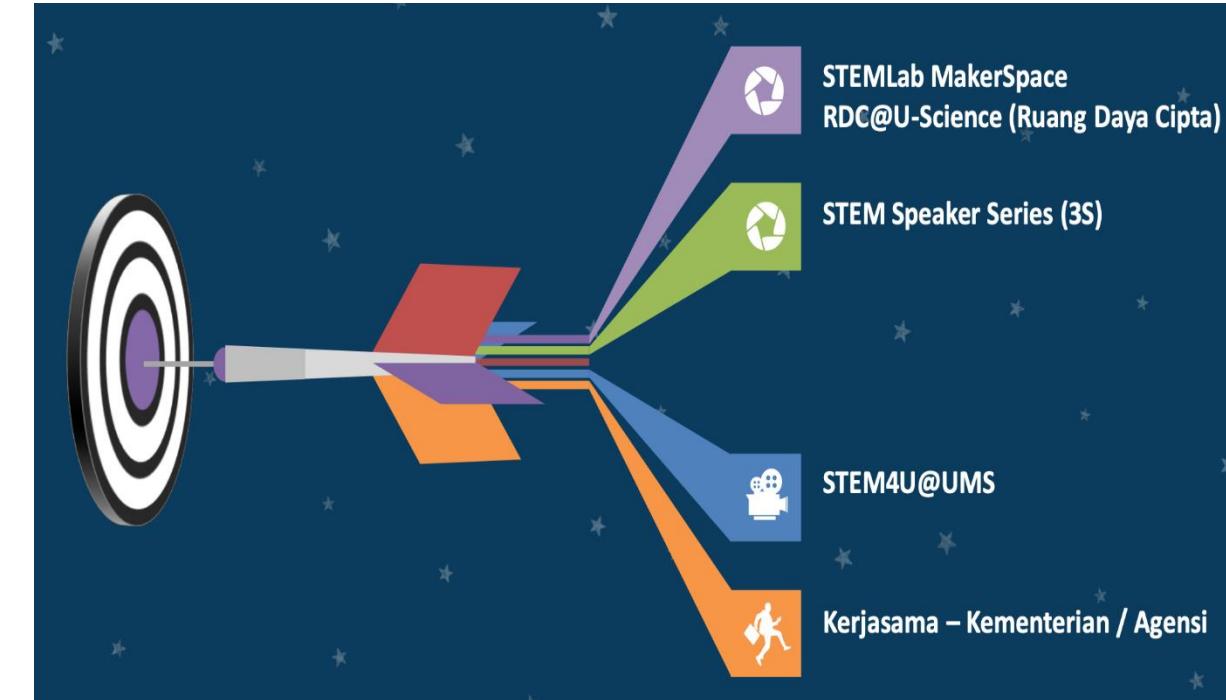
SFERA@UMS LIVING LAB



A circular diagram illustrating the SFERA@UMS Living Lab, showing the relationship between Environment, Society, and Economy, and how they interact with each other and the community.

U-Science@UMS

- Learning Science, Technology, Engineering and Mathematics (STEM) in a creative way to attract the interest of the community
- Encouraging the interest of school students and the community in STEM fields





U-Science@UMS

The poster features a vibrant blue and purple geometric background. At the top left are the national emblem of Malaysia and the crest of Universiti Malaysia Sabah. Next to them is the logo for KSTI (Kementerian Sains, Teknologi dan Inovasi) which includes a stylized atom model. The main title "MINGGU SAINS NEGARA 2023" is displayed prominently in large, bold, 3D-style letters. Below it, the subtitle "PERINGKAT NEGERI SABAH" is written in a smaller white font. A green rectangular box contains the dates "24-26 OGOS 2023" and the location "KOMPLEKS DEWAN KULIAH PUSAT KE-2, UNIVERSITI MALAYSIA SABAH". To the right of the text area is a QR code with the text "INFOAGOD.COM UNTUK MAKLUMAT LANJUT". Below the QR code, there are several small boxes representing different science categories: "PANTAIAN", "GENEREL", "KUIZ SAINS", "LABATAN SAINS", and "DEMONSTRASI SAINS". At the bottom, logos for TECH LYMPHICS, SAINS NEGARA, UMS (Universiti Malaysia Sabah), and other partners like KEMENTERIAN SAINS, KEMENTERIAN PENDIDIKAN, and KEMENTERIAN KULTURA DAN SABAH are shown. On the right side of the poster, there is a photograph of a scientist in a lab coat and gloves using a microscope, and another image of a child reaching up towards a colorful display or mural against a backdrop of modern buildings.

A photograph of Arthur Joseph Kurup, YB Datuk, standing in front of a blue background. The background features the Universiti Malaysia Sabah (UMS) logo at the top right, which includes a crest, the name 'UMS' in a serif font, and the text 'UNIVERSITI MALAYSIA SABAH' below it. To the left of the logo is a colorful, abstract graphic. The central text on the background reads 'Maglis Penyerahan MOBILE THEMATIC EXHIBITION (MTE) PUSAT SAINS NEGARA KEPADA U-SCIENCE UMS'. Below this, a horizontal double-headed arrow spans the width of the text. At the bottom, there is event information: '2:30 Petang | 17 Ogos 2023 (Khamis) U-Science, Universiti Malaysia Sabah'. Below this, a decorative flourish leads to the text 'Disempurnakan oleh: YB DATUK ARTHUR JOSEPH KURUP TIMBALAN MENTERI SAINS, TEKNOLOGI DAN INOVASI (MOSTI)'.

SYOKNYA!! CUTI SEKOLAH

Anda tidak ada tempat Hendak dihit?

Maka anak-anak anda explore benda baharu?

Jonzi Datang ke U-Science. Pelbagai aktiviti seronok menanti anda di sini.

Scandari sini untuk penyejajahteraan

PUB. LICENCE UMS
Universiti Malaysia Sabah
Universiti 1Malaysia Official

Tarikh :
20 Feb - 17 Mac

Masa :
9 am - 4 pm

Tempat :
**U-Science,
UMS**

Aktiviti

Mewarna STEM, Bunga api & Rama-rama kertas, Bebola Aluminium menerbang, Obor-obor terbang, Pembakaran, Lampu / Bateri Ubi Kentang, Mewarna bungaam alam semula jadi, mbot coding, pameran sains & banyak lagi!!

SEKARANG PERTAMAAN MULUUNI:
29. SAKITAN MAT SALAH | 080200850000...
14. MELAKA | 080200822222...

KARNIVAL SAINS SABAH **STEM** UMS

KEMBARA SAINS BORNEO
SRI 2 TAHUN 2023

► 15 - 17 September 2023
Deewan Kesenian Islam Mambukut

► 20 - 24 September 2023
Deewan Semai Bakti, Firdaus Gugusan Umus

► 29 September - 1 Oktober 2023
Kompleks Serbaguna dan Perkota Terbuka Majlis Daerah Negeran

► Penyertaan adalah PERCUMA & TERBUKA kepada umum

Lokasi:

- KIMANIS
- KALABAKAN
- PENSIANGAN

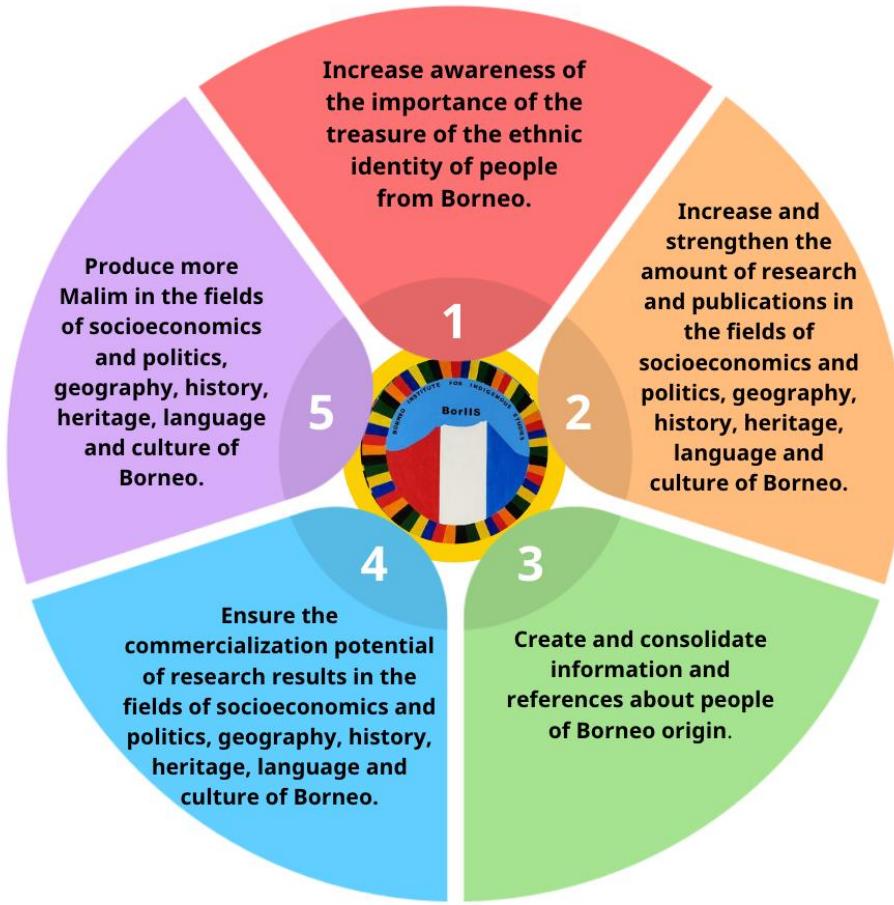
SIMPULAN:

- MERASAKAN SAINS
- MENGINSIRKAN SAINS

Pusat Sains Negara

The poster features a vibrant, futuristic cityscape at night with glowing skyscrapers and a large blue pyramid-like structure in the foreground. The title 'BORNEO HACKATHON' is prominently displayed in large, bold, blue letters with a metallic texture. Below it, the tagline 'CODE. IGNITE. INNOVATE.' is written in a smaller, white, sans-serif font. On the left side, there's event information: 'DATE 11-13 AUG 23'. To the right, the host institution is identified as 'U-SCIENCE UMS'. A large rectangular box on the right contains the 'PRIZE POOL RM4000' text, accompanied by several gold coins. At the bottom, there's a purple button labeled 'SCAN ME!' with a QR code, and the text 'Register here' with a curved arrow pointing towards it. The footer includes logos for Universiti Malaysia Sabah (UMS) and Universiti Teknologi PETRONAS (UTP), along with the Kementerian Sains Malaysia (KSM) logo.

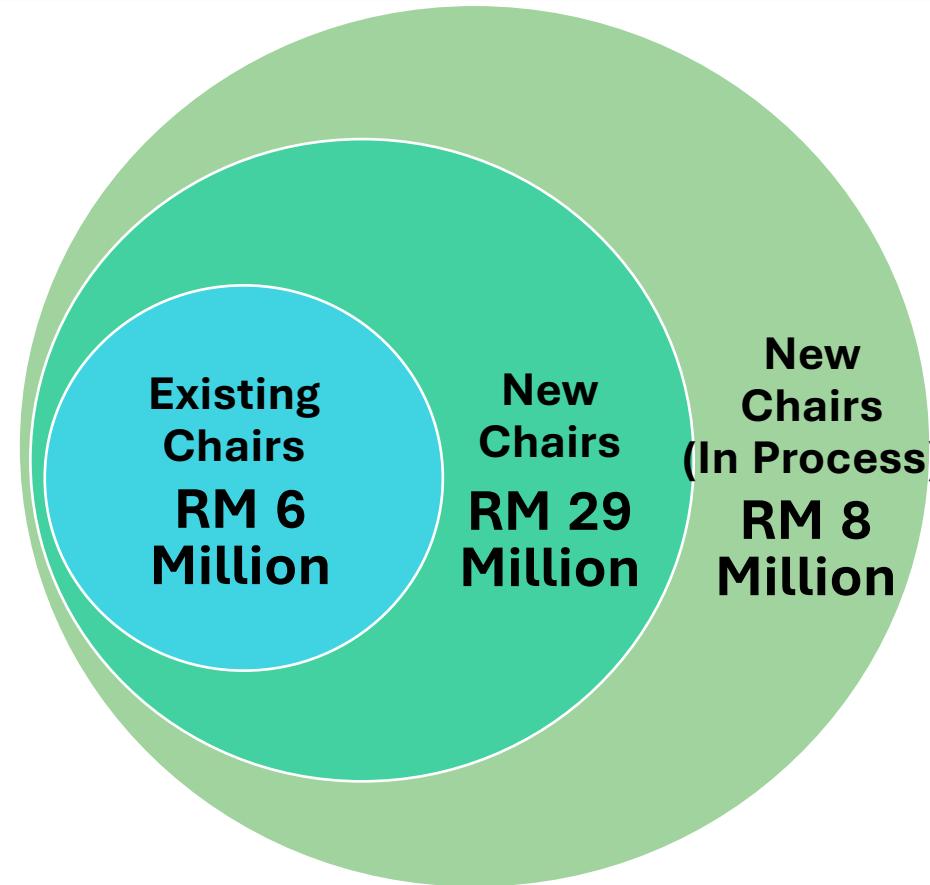
BorIIIS: Borneo Institute for Indigenous Studies) UMS



EXAMPLE OF INITIATIVES

- Marginalised scholar – UMS academic scholarship for marginalised university students
- Local Communities – Centre for Sustainable Society Engagement (PKLM) UMS

CROWD FUNDING: CHAIR ENDOWMENT (EXAMPLE)



Existing | \leq 2022

RM2M| **Kursi Kadazan Dusun (FSSK)**

RM2M| Kursi Pengurusan Kelestarian Kelapa Sawit FGV (FPL)

RM2M| Kursi Perhutanan Lestari Kelvin Tan Aik Pen (FPT)

New | 2022-2024

RM4M| **Kursi Rumpun Bajau Sama (ASTIF)**

RM2.5M| Kursi Muallaf (RS)

RM2.5M| Kursi Keharmonian Sosio Agama (BORIS)

RM5M| Kursi Regenerative Agriculture and Biodiversity (ECOFARM)

RM5M| Kursi Walit and Food Plant Industry (ECOFARM)

RM5M| Kursi Biodiversiti (IBPT)

RM5M| Kursi Perhutanan Tropika (FPT)

In Process | \geq 2024

RM2M| Kursi Petroleum Hydrocarbon and Sustainable Energy (PKJ)

RM2M| Kursi Renewable Energy and Sustainable Technology (PKJ)

RM2M| Kursi Perubatan dan kesihatan Awam (FPSK)

RM2M| Kursi Budaya India dan Pendidikan (FPP)

THANK YOU



UMS
UNIVERSITI MALAYSIA SABAH



OPEN ASIA
UNIFYING SCIENCE, EMPOWERING INNOVATION