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In this issue :

- » UMT's Module on *Zakat, Wakaf, and Endowments* Launched
- » UMT Grants Licensing Rights to Six Local Companies for Product Commercialisation
- » UMT Alumnus Becomes Recipient of 2023 National Youth Premier Award
- » UMT Research Team Awarded RM1.7 Million Grant Money by International Company
- » UMT Signs MOU with Universities in Taiwan and Indonesia

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Universiti Malaysia Terengganu (UMT) stresses the importance of students engaging in university activities, striving for excellence, and achieving success while still studying for their degrees. By actively participating in UMT's diverse array of opportunities—be they academic, extracurricular, or community-oriented—students can truly maximize their university experience.

UMT offers a unique blend of academic rigor and ample avenues for personal and professional growth. Engaging in activities outside the classroom, such as joining student organizations, taking part in research projects, participating in sports, or contributing to community service initiatives, fosters a holistic development that complements academic pursuits.

Embracing a diverse range of experiences not only enriches their time at university but also equips them with the skills and perspectives necessary to thrive in an ever-evolving world. Moreover, active involvement fosters a sense of belonging within the university community. It offers chances to connect with diverse individuals, enabling the exchange of ideas, collaboration on projects, and the formation of lifelong friendships. These interactions enrich the university experience, broadening perspectives and preparing students for the complexities of the world beyond academia.

Recently, our alumnus has won a top prize at the prestigious National Youth Award Ceremony 2023 that was organized by the Ministry of Youth and Sports. Mr Muhammad Naili Jazli bin Mohd Jamsari has won the national Youth Icon for Environmental Sustainability. He is a 2015 alumnus from the Bachelor of Maritime Management programme. We are indeed proud of accomplishments of Muhammad Naili and many other alumni from the university that are making an impact at the national and international level.

Ultimately, students at UMT have a wealth of opportunities at their fingertips. Embracing these opportunities not only enhances their university journey but also prepares them to become well-rounded individuals equipped to excel in their chosen paths beyond graduation.

Professor Dr. Fauziah Hj. Abu Hasan
Executive Editor



CONTENTS

- 1 UMT's Module on Zakat, Wakaf, and Endowments Launched**
- 2 UMT Alumnus Becomes Recipient of 2023 National Youth Premier Award**
- 3 UMT Signs MOU with Universities in Taiwan and Indonesia**
- 4 UMT Grants Licensing Rights to Six Local Companies for Product Commercialisation**
- 5 UMT Research Team Awarded RM1.7 Million Grant Money by International Company**

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UMT's Module on Zakat, Wakaf, and Endowments Launched

Dr Rizwadi Azmi & Faizah Ismail, Sultan Mahmud Islamic Centre



A module developed by UMT dealing with *zakat*, *wakaf*, and endowment was recently launched during a special programme on 7 – 9 November.

The IZaWE Module consists of 18 topics. UMT wrote the module based on ideas from academics, industry's figures, NGOs, and the State Islamic Council. UMT aims to help those involved with *wakaf*, *zakat*, and endowments from 20 public universities, the states, private agencies, and government agencies improve the skills, personnel development, competencies, and funding strategy through ESG.

The launching of the module took place during the officiating ceremony of the Sustainable University Income through *Zakat*, *Wakaf*, and Endowment Integration Programme, organized by UMT's Sultan Mahmud Islamic Centre in collaboration with Higher Education Academy (AKEPT).

His Highness Tunku Besar Seri Menanti Tunku Ali Redhauddin Ibni Tuanku Muhriz in his capacity as Universiti Islam Sains Malaysia (USIM)'s Pro Chancellor launched the module at Tuanku Chancellor Hall, USIM. His Highness also officiated the programme's opening ceremony.

Higher Education Deputy Minister Dato' Haji Mohammad Yusof Apdal delivered a welcome remark at the

ceremony. In his speech, he urged public and private universities to find ways to increase funds from *zakat*, *wakaf*, and endowments for the sake of universities' sustainability. The country's current economic situation and the increased cost of university management are the main reasons why universities need to boost the third economic sector, he said. This is to ensure that universities can achieve the level of excellence that is on par with the best universities in the world.

He added that excellent universities not only benefit their academics and the human capital they produce but these universities should also provide an impact to societies and countries. Well-known universities in the world can contribute to societies when their finances are strong due to the sustainable and progressive funding efforts.

Zakat, *wakaf*, and endowments need to be managed well and transparently so the obtained funds remain sustainable and can provide many benefits, Dato' Haji Mohamad Yusof said.

He also emphasized the need for universities to involve corporate agencies and communities in the country's higher education. Universities however need to make every effort to ensure the contributions can be managed transparently, effectively, and efficiently.

UMT Alumnus Becomes Recipient of 2023 National Youth Premier Award

Norul Hanizan Hazin, Alumni Centre; Wan Muhammad Naziq Che Nor, Student Development Centre

A UMT alumnus was named the recipient of 2023 National Youth Premier Award for the Environmental Sustainability Youth Icon category during a special ceremony on 11 November at Auditorium Cempaka Sari, Putrajaya.

Muhammad Naili Jazli Mohd Jamsari, who graduated in 2015 with a Bachelor of Management (Maritime), received the award for his outstanding achievements. The National Youth Premier Awards is a programme introduced by the Ministry of Youth and Sports and was inaugurated by Dato' Seri Anwar Ibrahim.

There are seven categories for the awards, with each category involving 14 candidates from each state. However, only eight candidates are selected for the final stage.

As Vice President of the Muar District Youth Council, Naili had the opportunity to carry out youth-related activities related to environmental sustainability. His active participation led to Naili being selected at each phase of the evaluation including education at school, community awareness, disaster volunteering, economy, and paper presentation.

During his involvement with the project to preserve the environment, Naili has received several recognitions and awards. He received the award for the best overall social entrepreneurship group through the PISIM project. Naili was the driving force of Johor native associations through Duta Jauhar's social entrepreneurship programme (well disposers) and the environmental project of Duta Jauhar's congress hope (Ola Farm).

His achievements continued to stand out when Naili was crowned the Maal Hijrah Belia figure in the Johor Bharu district for the year 2023 and became the winner of the National Youth Premier Award at the state level (Johor) in the same year. He also received the MYHARAPAN Hope Award for social, business, and environmental awareness.

As a UMT alumnus, Naili was named the recipient of the 2022 UMT Alumni Icon in the Volunteer Icon category.

While a student at UMT, Naili won UMT's Best Environmental Programme award for his project during 2015 UMT Student Icon Award ceremony. He then received the national student figure award as the best volunteer team in the country through the Johor environmental project.



The UMT Student Icon Award (AIS) ceremony, in which Naili was given an award eight years ago, has continued to be held each year since then. The Student Affairs and Alumni Office of UMT organizes AIS to recognize the talents and excellence of UMT students.

The latest edition of AIS was held on 14 November, three days after the National Youth Premier Awards ceremony had ended. In the meaningful event officiated by Higher Education Director General Professor Dr. Azlinda Azman, Munirah Mansor was announced 2023 UMT Student Icon. The Bachelor of Counselling (with Honours) student is not only successful in the academic field but is also active outside of the classroom. Through a club at UMT in which she is a member, Munirah has organized programmes that helped build several skills including entrepreneurship, leadership, volunteering, and community development.

UMT Signs MOU with Universities in Taiwan and Indonesia

Dr. Mohd Ihwan Zakariah, Vice Chancellor's Office
Assoc. Prof. Dr. Lee Jen Nie, Dr. Maizah Mohd Abdullah,
Faculty of Marine Science and Environment
Roslizawati Ab Lah, Muhammad Syahrudin Abdul Rashid,
Faculty of Fisheries and Food Science

UMT has recently entered into collaboration with two universities, one in Taiwan and another in Indonesia.

UMT signed a memorandum of understanding with the National Academy of Marine Research (NAMR) and renewed MoU with Taiwan's National Sun Yat-Sen University on 1 November, signifying both parties' intention to strengthen the relationship and work together in pursuit of excellence in academic, research innovation, and global engagement. UMT Vice Chancellor Professor Dato' Dr Mazlan Abd Ghaffar led the UMT delegates to the agreement signing.

Through the signed MOU, both institutions will collaborate in various areas including mobility programmes that can facilitate the exchange of students, faculty, and researchers between both institutions, providing them with invaluable exposure to different academic environments and cultures.

Moreover, researchers from the two institutions will have the opportunity to work together on joint research activities and cutting-edge research projects to address food security challenges. The collaboration will also enable the joint use of laboratories, libraries, and other academic resources, thus optimizing the benefits for both parties. Both institutions can also enhance the capacity building of respective students, researchers, and communities in addressing food security challenges through training programmes, workshops, and seminars.

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UMT then signed another Memorandum of Understanding with Indonesia's Universiti Maritim Raja Ali Haji (UMRAH) located in Tanjung Pinang on 15 November to facilitate academic and research collaborations between the two institutions.



Through the MOU that was signed at UMT, opportunities will be created for lecturers and students to pursue postgraduate studies at both institutions. The MOU will also pave the way for staff and student mobility, community-based programmes, training programmes, joint supervision, seminars, colloquia, and academic discussions.

The partnership with UMRAH is hoped to further assist UMT in propelling Malaysia towards becoming a competitive force in fisheries and maritime.

Prior to the MOU signing, several UMT staff and students had already participated in a 5-day mobility programmes at UMRAH in October, proving that a successful collaboration between the two institutions would be imminent. In return, UMT will welcome UMRAH students to its campus in the near future. Such exchanges of ideas and expertise are expected to enhance the quality of students from both universities.

UMT and UMRAH had earlier signed a Letter of Intent (LOI) when researchers from UMT's Faculty of Fisheries and Food Science and UMRAH's Faculty of Marine Science and Fisheries met during the International Fisheries Symposium 2022 in Nha Trang, Vietnam. The idea of a collaboration between the two faculties was brought up, and a few months later delegates from UMRAH visited UMT to solidify their commitment to strengthening the partnership.

UMT Grants Licensing Rights to Six Local Companies for Product Commercialisation

Muhammad Syukran Affie Mohd Nor Shokri, Innovation and Commercialization Centre

UMT has recently established a collaboration with six local companies that will allow them to commercialize innovative products developed by UMT researchers.

These companies are SR Neotech Sdn Bhd, K Bees Sdn Bhd, Big Bee Honey Sdn Bhd, Ocean Hydro Sdn Bhd, Conservation Management Solutions Sdn Bhd, and WMM Marketing.

In a ceremony held on 5 November, representatives from the six companies handed over the licensing agreement documents to UMT Vice Chancellor Prof. Dato' Dr. Mazlan Abd Ghaffar. Also present at the event were UMT Board of Directors' member Mazahan Mohd Ali and principal officers.

Prof. Mazlan said the collaboration is hoped to bring great benefits to the university, the companies, and the communities all over the world and improve the economic activities in Terengganu and in the country through commercialization of innovative products.

According to Prof. Mazlan, UMT has always sought to be an agent of change that leads the way in the world of research. The collaboration with these six companies will help to highlight this. It will enable the innovative products created through high-impact research projects carried out by UMT researchers to be utilized by the communities after these products are commercialized.

For the year 2023, UMT has successfully registered 79 intellectual properties. Of these, 51 are copyrights, 13 trade secrets, and five patents.

Uncommercialized intellectual properties are a loss to the nation, Prof. Mazlan said. Hence this type of collaboration in which licensing rights are handed over is needed so that technology can be transferred to companies in the small and medium sized industries to enable them to commercialize the intellectual properties and bring them to the market.

As at November this year, UMT has made RM200,000 from commercialization activities through licensing agreements. This is a proof of the strong commitment and hard work of UMT researchers to ensure academic research is beneficial to a wider community, Prof. Mazlan



said. Through their cooperation, innovations, and dedication, UMT has managed to convert knowledge into products and services that bring true benefits to society.

UMT's effort is in line with that by the Ministry of Science, Technology, and Innovation. The ministry is trying to enhance commercialization through the implementation of Government-Funded Intellectual Property and Design Commercialization Policy effective from 2021 until 2025. The policy is intended to assist ministries, departments, or government agencies in managing intellectual properties systematically for the purpose of commercialization and income generation.

UMT Research Team Awarded RM1.295 Million Grant Money by International Company

Dr. Siti Nur Tahirah Jaafar, Faculty of Science and Marine Environment

A UMT research team has been awarded a research grant totalling RM1.295 million by an international oil and gas company to carry out one of its research projects.

The five-member team has received the fund from International Petroleum Corporation (IPC) Malaysia Sdn. Bhd., one of IPC's branches besides the others in Canada and France.

Spearheaded by project leader Professor Zainudin Bachok of the Institute of Oceanography and Environment (INOS), the team has started to conduct the study titled "Marine Biology Conservation and Restoration towards Sustainable Ecosystem." The team is expected to complete the three-year project in October 2026.

Through the project, the team aims to boost the conservation of marine biology, with a focus on sustainable strategies to main the diversity and sustainability of the marine ecosystem.

The success in obtaining the fund for the project reflects the industry's recognition of the strength and ability of the UMT research team to contribute to the sustainable development of natural resources.

The other team members are Assoc. Prof. Dr. M. Hafiz Borkhanuddin, Assoc. Prof. Dr. Tan Chun Hong, Dr. Siti Nur Tahirah Jaafar, all from the Faculty of Science and Marine Environment, and Dr. Mohd Safuan Che Din from INOS.

At the research agreement signing ceremony between UMT and IPC that took place on UMT campus, Vice Chancellor Prof. Dato' Dr. Mazlan Abd Ghaffar signed the document on UMT's behalf.

Project Leader:
Prof. Dr. Zainudin Bachok

Project Team Personnels:

Assoc. Prof. Dr. M. Hafiz Borkhanuddin

Dr. Siti Nur Tahirah Jaafar

Assoc. Prof. Dr. Tan Chun Hong (James)

Dr. Mohd Safuan Che Din

from **International Petroleum Corp.**

SIGNING CEREMONY OF RESEARCH AGREEMENT BETWEEN IPC AND UMT FOR MARINE BIOLOGY CONSERVATION & RESTORATION TOWARDS SUSTAINABLE ECOSYSTEM

OfficialUMT, UNIVERSITY NAMANGA, WORLD UNIVERSITY RANKINGS, MyAFF, SUSTAINABLE DEVELOPMENT GOALS

Prof. Mazlan expressed his pleasure regarding the positive outcome and thanked IPC for their support towards ensuring the successful implementation of the project. As an academic institution, UMT is committed to making continuous contributions to the development of knowledge in environmental sustainability.



JOURNAL OF MARITIME LOGISTICS



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