

A COLOURFUL JOURNEY

OF MBOT 2022



www.mbot.org.my



34 Courtesy Visits
**Expand
Accreditation
Program**



Discussion Session on
Rules of Practice
**Enhance
Awareness**



Expanding Wings of
Global Cooperation
**Strengthening the
Direction of MBOT**



Recognizing
**Women
Technologists**



MBOT's Continuous
Contribution In Empowering
**Science and
Technology Policy**



TTAC Standard Second Edition
**Empowering
Sustainability of
Improvement**

66,856

TOTAL
NUMBER OF
REGISTRATION

805

TOTAL
NUMBER OF
ACCREDITATION

88

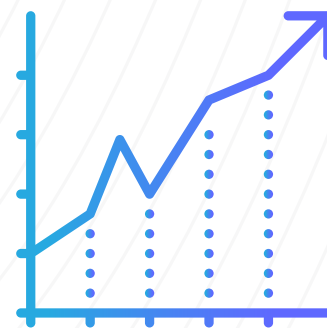
TOTAL NUMBER
OF MANAGEMENT
INVOLVEMENT

509

TOTAL
NUMBER OF
PROFESSIONAL
ASSESSMENT

1,507

TOTAL
NUMBER OF
CONTINUING
PROFESSIONAL
DEVELOPMENT
PROGRAM
- CPD



**MILESTONE
IN 2022**

**MALAYSIA BOARD OF
TECHNOLOGISTS**

ACCREDITATION AND PROFESSIONAL RECOGNITION

MBOT continues the initiative of receiving and holding courtesy visits to various institutions, both private and public, among others to disseminate the latest developments about MBOT and the accreditation process, and explore strategic cooperation related to professional recognition in technical and technological fields.

A total of 34 related sessions were held in 2022 and most of these efforts ended with the signing of Memorandum of Understanding (MoU).



Prof. Datuk Ts. Ir. Dr. Siti Hamisah Tapsir, President of MBOT and Prof. Datuk Dr. Mohd Kadim Suaidi, Vice Chancellor of Universiti Malaysia Sarawak (UNIMAS) at the Memorandum of Understanding (MoU) signing session between MBOT and UNIMAS.



Prof. Datuk Ts. Ir. Dr. Siti Hamisah Tapsir, President of MBOT, paid a courtesy call on Prof. Ts. Dr. Massila Kamalrudin, Vice Chancellor of Universiti Teknikal Malaysia Melaka (UTeM) at the latter's office in UTeM, Melaka.



MBOT and Universiti Sains Malaysia (USM) through the Center for Knowledge, Communication and Technology (PPKT) signed a Memorandum of Understanding (MoU) to continue strategic cooperation in the development of science and technology.



Prof. Datuk Ts. Ir. Dr. Siti Hamisah Tapsir, President of MBOT, paid a courtesy call on Prof. Dr. Shahimi Mohtar, Deputy Vice Chancellor (Academic & Internationalization) of Universiti Utara Malaysia (UUM).



Prof. Datuk Ts. Ir. Dr. Siti Hamisah Tapsir, MBOT President paid a courtesy call on Ts. Zainab Ahmad, Director General of the Department of Polytechnic and Community College Education (JPPKK).



CAPACITY DEVELOPMENT

MBOT expanded the implementation of the Industrial Based Professional Development Program to support talent development and increase the professionalism of Technologists and Technicians via industry-based programs.

UTMSpace courtesy visit, led by Prof. Ir. Dr. Mohd Azraai Kassim, Managing Director and Chief Executive Officer of UTMSpace.



RULES OF PRACTICE EMPOWERED

Efforts have been stepped up to introduce MBOT holistically to the top management of target group agencies and to discuss the development of practice guidelines for Technicians. This step was enhanced to ensure that the career is preserved as well according to the established code of professional ethics. Among the organisations visited include the Malaysian Energy Commission.



Dr. Md Fauzi Md Ismail, MBOT Registrar, during a group photo session with senior officials of the Malaysian Energy Commission during a courtesy visit on 30 November 2022.



Dr. Md Fauzi Md Ismail, MBOT Registrar, represented MBOT in the signing ceremony of the South-East Asia Cybersecurity Consortium (SEA CC) Partnership Memorandum of Understanding.



GLOBAL COOPERATION SYNERGY

Strategic cooperation at the global level has also been enhanced to strengthen the direction of MBOT.

On 24 August, the Institution of Occupational Safety and Health (IOSH), United Kingdom (UK) paid a courtesy call on the President of MBOT following an engagement session that was held to explore the collaboration in terms of course and program.

Meanwhile, from October 2 to 7, in conjunction of International Engineering Alliance Workshops 2022 which held in Ireland, MBOT has taken initiatives to continue its commitment to become a signatory of the Seoul Accord. MBOT also participated in the 2022 Seoul Accord Mid-term Meeting on 27 June as well as the Seoul Accord Workshop Meeting on 5 October. Through this participation, MBOT is more confident to meet all the requirements and criteria set by the Seoul Accord.

In addition, a special task force was established to improve the accreditation process of computing and information technology programs and meet the requirements set by the Seoul Accord.

On 23 November, MBOT signed the South-East Asia Cybersecurity Consortium (SEA CC) Partnership Memorandum of Understanding (MoU) to strengthen regional cooperation in the field of cyber security.

MBOT appointed the Australian Computer Society (ACS), Australia as a mentor to assist MBOT to become a full-fledged signatory of the Seoul Accord.



Prof. Datuk Ts. Ir. Dr. Siti Hamisah Tapsir, President of MBOT, received a courtesy call from Mr. Alan Stevens and Mr. Marcel Le Roux from the Institution of Occupational Safety and Health (IOSH), United Kingdom.



WTC – MBOT RECOGNISES WOMEN TECHNOLOGISTS

MBOT took a great step to recognise women technologists by establishing the Woman Technologist Chapter (WTC). Thus, MBOT appointed a leadership team to proactively realise WTC initiatives, including the Women's Technologist Road Trip, Women in Tech Mentor Mentee Program and engage with stakeholders. Ts. Sharifah Zaida Nurlisha Syed Ibrahim, Chief Executive Officer of MMC Oil and Gas Engineering Sdn Bhd, who is also a former MBOT Board Member, was appointed as WTC Chairperson.

Following the establishment, the MBOT Red LIPS Hi-Tea session was held on 4 November at Boat House Ampang, Kuala Lumpur and has gathered about 100 women technologists. It also features leading professional women figures as panellists to discuss current issues facing by women professionals. Prof. Datuk Ts. Ir. Dr. Siti Hamisah Tapsir, MBOT President of MBOT, also attended the program.

Ts. Sharifah Zaida Nurlisha Syed Ibrahim, Chairperson of the Woman Technologist Chapter (WTC), is delivering her welcoming speech at the MBOT Red LIPS Hi-Tea program.



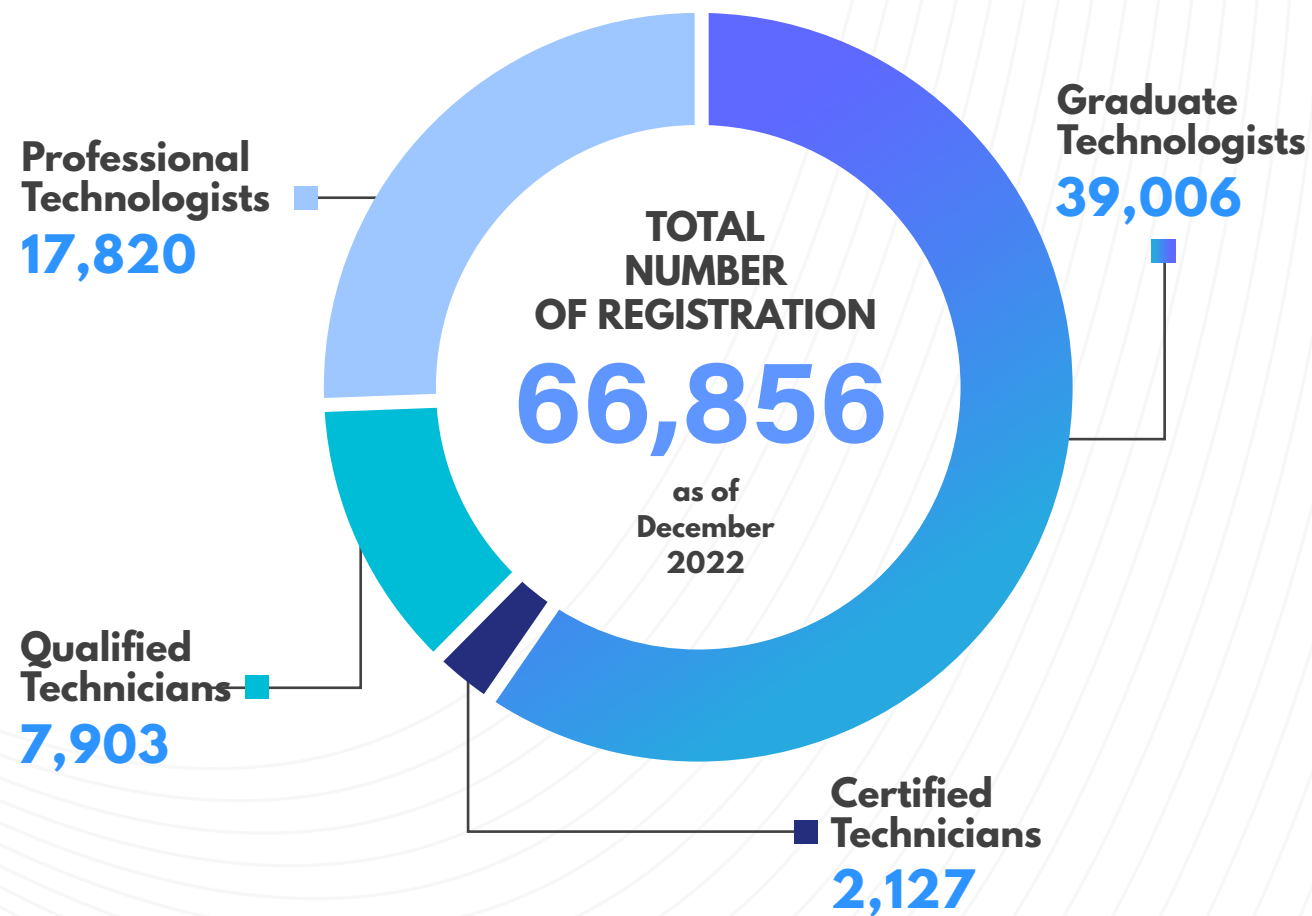
Prof. Datuk Ts. Ir. Dr. Siti Hamisah Tapsir, President of MBOT; Ms. Sherin Y Lee, Vice President of AiSP Founder of AiSP Ladies in Cyber Charter and Ms. Raja Azrina, Chief Information Security Officer of Telekom Malaysia as panellists of the AiSP x MBOT Ladies Cyber Webinar forum on the Importance of Cyber Security Options and Careers in the Industry.



The MBOT Red LIPS Hi-Tea program which took place at the Boat House Ampang, Kuala Lumpur has brought together women technologists in technology and technical professions.



The forum session was made possible by (from right), Ts. Norhasita Mohd Yusof, General Manager of Telekom Malaysia; Puan Sri Ts. Dr. Mahaletchumy Arujanan, Global Coordinator, International Service for the Acquisition of Agribiotechnology Applications (ISAAA) and Puan Aireen Omar, President of Air Asia Digital. The program was moderated by Farisya Shukor.



TECHNOLOGICAL MEMBERSHIP CONTINUES TO INCREASE



MBOT continues to take steps to increase the number of technologists as member of MBOT by holding various initiatives, including courtesy visits, signing MoU and disseminating information at all levels. For example, on 11 August, MBOT paid a courtesy call on the Brigadier General Zahar bin Ariffin, Senior Director of Strategic Operations and Development, Cyber and Electromagnetic Division, Malaysian Armed Forces (ATM).

On the other hand, an engagement session with Puspakom Sdn Bhd on 18 July allowed us to open up space for the evaluation process of the company's technical works while on 21 August, MBOT visited the MARA Skills Institute, Johor Bahru to explore collaboration opportunities.

On 26 August, a courtesy visit to the Technology Association of Malaysia (TAM) was held to further discuss strategic cooperation. On 1 September, MBOT held discussions with the Federation of Malaysian Manufacturers (FMM) to build cooperation in the professional recognition of Technicians and Technologists in the manufacturing sector. MBOT also held a discussion with the Dato' Sri Azhar bin Abdul Manaf, Director General of the Majlis Amanah Rakyat (MARA) on 3 November.



Dr. Md Fauzi Md Ismail, MBOT Registrar and Ts. Dr. Ahmad Zahiri Ismail, Head of Operations Puspakom Sdn. Bhd. during the souvenir presentation session in conjunction with MBOT's courtesy visit to Puspakom.

The MBOT delegation, represented by Dr. Md Fauzi Md Ismail, MBOT Registrar, paid a courtesy call on Dato' Nathan K Suppiah, Vice President of the Federation of Malaysian Manufacturers (FMM).



Prof. Datuk Ts. Ir. Dr. Siti Hamisah Tapsir, President of MBOT, had discussion with Ts. Tung Chee Kuan, President of Technology Association Malaysia (TAM) at Peninsula College The Ship Campus, Penang.

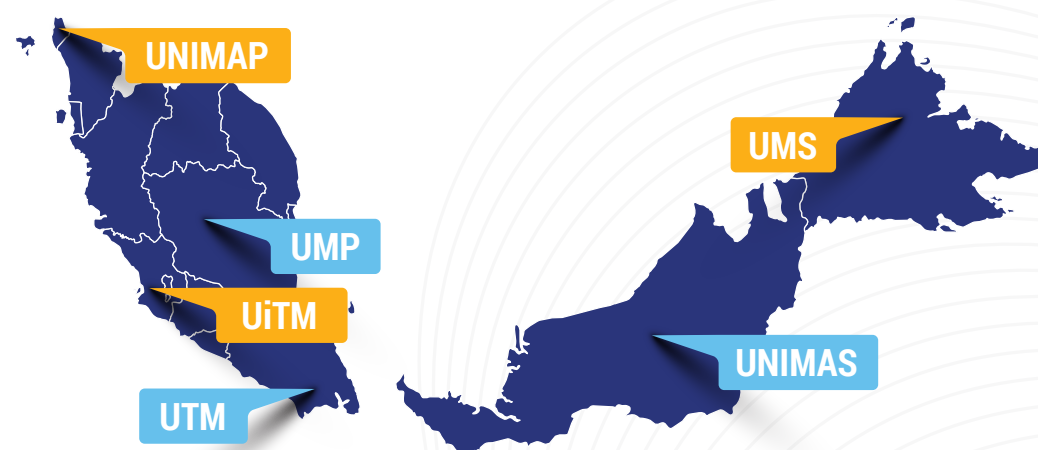


TECHNOLOGICAL QUALITY IMPROVEMENT

The TTAC Standard
Second Edition
Information Workshop
was held to announce
the creation of the
TTAC Standard
Second Edition.



TechZone is a platform to promote expertise sharing and enhance technology-related knowledge transfer as well as connect MBOT professional members under a strategic network.



YB Datuk Haji Ahmad Amzad Hashim, Deputy Minister of Science, Technology and Innovation, presented prizes to the winners of MTEx'21 Category A (MBOT professional members).

AWARD – MTEX

MBOT held the MTEx Closing and Prize Presentation program, which was the presentation of prizes to all the winners of the innovation competition. It was organised for the first time by MBOT. This step has directly led to the birth of a new series of innovations that needed by the country.



CATEGORY A PRIZES

First place:
RM7,000.00
+ Plaque
+ Certificate of Appreciation

Second place:
RM4,000.00
+ Plaque
+ Certificate of Appreciation

Third place:
RM2,500.00
+ Plaque
+ Certificate of Appreciation

CATEGORY B PRIZES

First place:
RM5,000.00
+ Certificate of Appreciation
+ GT MBOT Registration

Second place:
RM3,000.00
+ Certificate of Appreciation
+ GT MBOT Registration

Third place:
RM2,000.00
+ Certificate of Appreciation
+ GT MBOT Registration

CATEGORY C PRIZES

First place:
RM3,000.00
+ Certificate of Appreciation
+ Registration QT MBOT

Second place:
RM2,000.00
+ Certificate of Appreciation
+ Registration QT MBOT

Third place:
RM1,500.00
+ Certificate of Appreciation
+ Registration QT MBOT

SKILL TALENT ENHANCEMENT PROGRAM FOR FOURTH INDUSTRIAL REVOLUTION (STEP4IR)



UPSKILLING FOR DEEPTECH AND FUTURESKILLS PROGRAM



STEP4IR is a government initiative through the National Employment Council (MPN) and the Ministry of Science, Technology and Innovation (MOSTI) to create job opportunities for Malaysians due to the Covid-19 pandemic.

This approach involved collaboration between MBOT and strategic partners among related industry players to conduct reskill/upskill programs for a period of three months and then provide job placement in the field of DeepTech and Future Skills.

About 87 participants were participated in the programs offered
- in the five fields of technology, namely Integrated Circuit Design, Computer Science, Big Data, Advanced Material and Data Science.



A visit to CTRM Aero Composites Sdn Bhd, which was held with a purpose of monitoring the effectiveness and implementation of the program.

ENTICE

3i - Innovate, Inspire, Inculcate

MBOT ENTICE 2022 (Experts Network in Technology, Innovation and Cooperative Event) with the theme Elevate the Standing, Visibility and Recognition of Technologists and Technicians is the rebranding of the Townhall program which brings together.



YB Datuk Haji Ahmad Amzad Hashim, Deputy Minister of Science, Technology and Innovation officiated MBOT ENTICE 2022.



Memorandum of Understanding (MoU) signing session between MBOT and five Technology Experts namely Petronas, Air Asia Academy, Malaysian Digital Economy Corporation (MDEC), Perbadanan Tabung Pembangunan Kemahiran (PTPK) and Association of Information Security Professionals (AISP), Singapore.



TechZone is one of the initiatives launched in conjunction with MBOT ENTICE Program 2022.



Woman Technologist Chapter (WTC) was launched with the appointment of Ts. Sharifah Zaida Norlisha Syed Ibrahim (second from right) as its first chairperson.



APPOINTMENT OF MBOT BOARD MEMBERS

A total of four new MBOT Board Members have been appointed in 2022, which is believed that would strengthen the position MBOT in achieving the targeted goals.



**Ts. Dr. Nagulendran
a/l Kangayatkarasu**

Deputy Secretary General
(Planning and
Science Enculturation)
Ministry of Science, Technology
and Innovation (MOSTI)



**Dato' Ts. Ir.
Abdul Razib Dawood**

Chief Executive Officer
Malaysian Energy
Commission



**Lt. Kol. Prof. Dato'
Ts. Dr. Zaliman Sauli**

Vice Chancellor
University of Malaysia Perlis
(UniMAP)



**Puan Sri Ts. Dr.
Mahaletchumy Arujanan**

Global Founder
International Service for the
Acquisition of Agrobiotechnology
Applications (ISAAA)

MBOT ANNUAL REPORT



The MBOT 2021 Annual Report was published in November 2022. This issue directly documents MBOT's journey and achievements over the past year.



