



# Technological Association Malaysia Sarawak Branch

A5 TAM Conference  
Programme Book 20

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Minister of Ministry of Works  
Malaysia

# *e-Bulletin*

2<sup>nd</sup> Issue

DECEMBER 2022

# Message from the Chairman

## Greetings from the Technological Association Malaysia Sarawak Branch!

Congratulations to Technological Association Malaysia Sarawak Branch (TAM Sarawak), which successfully published the 2nd edition of e-bulletin!

Technological Association Malaysia (TAM) has come a long way as the technological exchanges for all levels and disciplines of technologists. As a result, TAM was acknowledged by the Malaysia Book of Records as the oldest technical civil society in Malaysia during our 75th Anniversary in Penang on 23 April 2022. TAM Sarawak, the newbie in the TAM family, felt flabbergasted with the award, and we are proud to be part of the achievement.

With Malaysia's transition to the endemic phase, Sarawak formulated the post-COVID-19 Development Strategy 2030 (PCDS 2030). I wish to take this opportunity to express my gratitude to all TAM Sarawak members for their contribution and support of the event carried out by TAM Sarawak throughout the pandemic.

TAM Sarawak has been supporting the Sarawak Government initiative in PCDS 2030. We visited industry players and Sarawak Government Agencies to identify and bridge the gap in digital execution in Sarawak, especially in Biotechnology and Agro-Based Technology. TAM Sarawak, through the Biotechnology Working Group comprising academicians, researchers, agencies, and industrial practitioners, is working together to out-grower the model in the agriculture sector in Sarawak.

With the application of technology in agriculture, the productivity and development of high-value products can be produced. In human capital building, TAM Sarawak also embarks into education, skills, training, and talent development among primary and secondary school students. Therefore, we engaged with the Minister of Education, Innovation and Talent Development Sarawak to work with the Ministry to provide input on Science, Technology, Engineering and Mathematics (STEM) education in developing interest and skills among students in Sarawak.

Moving forward, TAM Sarawak will engage with the Malaysia Board of Technologist (MBOT) as the regulating body to gauge the criteria for registering technicians in Sarawak with relevant skillsets such as agronomics, manufacturing, and construction. Furthermore, TAM Sarawak is privileged to host the 76th TAM Anniversary in Sarawak on 16 April 2023. In conjunction with the 76th TAM Anniversary, a technological conference will be conducted on 15 April 2023 with the theme "Technological Without Borders 2023" concentrate on the four (4) fields of technology, namely Agro-Based Technology, Biotechnology, Building and Construction Technology and Health and Medical Technology.

This unique conference will showcase the blending, networking, and collaboration among different types of technology that came together and complement and validate each other to achieve social inclusivity. We in TAM Sarawak will continue to promote, contribute, and encourage Sarawakians to achieve competent technologists and technicians. Technological synergy is the key.

Thank you and let us move forward together.

**Ts. Gs. Ir. Dr. Ting Sie Chun**  
**CHAIRMAN**  
**TAM SARAWAK**





**TAM**  
**SARAWAK**

DECEMBER [2022]

**1**

*Establishment*

TAM Sarawak Chapter  
established on 10 January 2020

**2**

*Aim*

to connect and provide a platform for  
all disciplines of technologists in  
Sarawak to interact in pursuing the  
knowledge in technology

**3**

*Address*

Lot 769, Jalan Pending, 93450  
Kuching, Sarawak





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## Editorial Board

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# TAM Sarawak 3<sup>rd</sup> AGM

By: Ts. Dr. Khew Choy Yuen

TAM Sarawak conducted their first AGM physically due to Covid-19 which was held at Grand Margherita Hotel, Kuching Sarawak on 26 February 2022. The AGM was witnessed by the TAM President, Ts. Ir. Yam Teong Sian and TAM Secretary General, Mr. Poh Ban Eng.



**Persatuan Teknologi Malaysia (Cawangan Sarawak)**

Technological Association Malaysia (Sarawak Branch)  
C/O Estrella Realty Sdn Bhd,  
Lot 789, Jalan Pending,  
93450 Kuching, Sarawak.  
Email: sarawak@tam.org.my | Website: www.tam.org.my | FB: facebook.com/tamswk

Ref: TAMSWK/E/3 (1)  
Date: 6 January 2022

DEAR ALL TAM SARAWAK MEMBER

**NOTICE OF THE 3<sup>rd</sup> ANNUAL GENERAL MEETING OF THE TECHNOLOGICAL ASSOCIATION MALAYSIA (SARAWAK BRANCH)**

Notice is hereby given that the 3<sup>rd</sup> Annual General Meeting (AGM) of the Technological Association Malaysia (TAM) Sarawak Branch will be held as follows:-

**Date:** 26 February 2022  
**Mode:** Hybrid  
Physical - Grand Margherita Hotel, Kuching, Sarawak  
Virtual - Google Meet (Link will be provided to the registered member)  
**Time :** 5.00pm – 7.00pm (For Physical and Virtual Member)  
7.00pm – 10.00pm (For Physical Member)  
**Agenda:** See Attachment 1

Please register through the following link:-  
[https://docs.google.com/forms/d/e/1FAIpQLSeIXwLdJaX1JIGSHPKnMaAGMb2vE5HHDsHWBzTRSGOT2Ug8A/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLSeIXwLdJaX1JIGSHPKnMaAGMb2vE5HHDsHWBzTRSGOT2Ug8A/viewform?usp=sf_link) to confirm your attendance by 17 January 2022. Please indicate whether you will attend the meeting in physical or online so that we can make a reservation for dinner at the hotel.

Hoping for your presence on that day and looking forward to meeting you.

Thank you.

## MoU Between TAM Sarawak & Sarawak Economic Development Corporation

By: Ts. Dr. Khew Choy Yuen

In conjunction with 3<sup>rd</sup> TAM Sarawak AGM, we witnessed a memorial and commitment in the development of technologist and technician in Sarawak by endorsing a Memorandum of Understanding between TAM and Sarawak Economic Development Corporation (SEDC) on 26 February 2022. The engagement will ensure TAM Sarawak to achieve higher goal and expand our reach to include more Sarawak Technologists and Technicians. TAM Sarawak will work together with SEDC to contribute and support Sarawak's technology development and long-term sustainability.







## Technical Visit to Local Farm Agritech

By: Ts. Dr. Khew Choy Yuen

Technical Visit to Local Farm – Greenhouse Modern Planting to Lotus Farm Agritech is conducted by TAM Sarawak Biotechnology (BT) Working Group, which lead by TAM Sarawak Chairman on 9 July 2022. Lotus Farm Agritech is TAM Industrial Member introduced on the modern farming with smart system automation (IoT) from the mobile phone with single system integrated and showing the hydroponic planting with home-based version. Apart from that, TAM Sarawak members were exposed on the production and breeding of local kelulut bees pollination in the farm itself which will create a symbiosis environment in agro-based technology.



## Courtesy Visit to YB Datuk Roland Sagah Wee Inn

By: Ts. Dr. Khew Choy Yuen

A Courtesy Visit to YB Datuk Roland Sagah Wee Inn, Minister for Education, Innovation and Talent Development Sarawak lead by TAM President to engage with the development of Science Technology Engineering Mathematic (STEM) in Sarawak through sharing experience and benchmarking of STEM activity in Penang. This visit will see TAM collaboration with the Sarawak Government in implementing STEM in Sarawak Region.



# THE EVOLVING HEALTHCARE LANDSCAPE

with **SCIENCE & HEALTH INNOVATIONS**

**JOIN US VIRTUALLY TO DISCOVER** different topics on the benefits of **ground-breaking health technology**, in creating **dynamic healthcare solutions** beyond elementary approach that can have a **profound impact on public health**.

**06 AUG 2022 (SAT) | 10:00am – 12:00pm (+8 GMT)**



**Ts. Dr. Khew Choy Yen**  
Moderator



**“PLANTING THE SEEDS OF A HEALTHIER FUTURE WITH HEALTHCARE DIAGNOSTICS”**  
**Dr. Tan Xian Wen**  
Academic Researcher



**“DIGGING NATURE FOR ANTICANCER TREASURES”**  
**Ms. Diana Choo**  
PhD. Scholar



**TOWARDS DISCOVERY EBNA1 INHIBITORS: A MACHINE-LEARNING DRIVEN APPROACH”**  
**Dr. Xavier Chee**  
Academic Researcher

Click on the following tab or scan the QR code to register

**REGISTER NOW!**<sup>+</sup>

\*An e-certificate will be provided to all registered participants.

**Registration Fee:**  
For T.A.M members and students – Free Admission  
For Non-T.A.M members – RM 10.00

**SCAN ME**



Brought to you by:



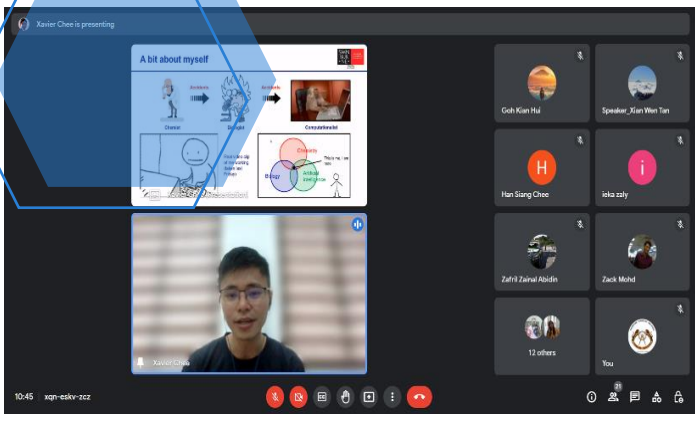
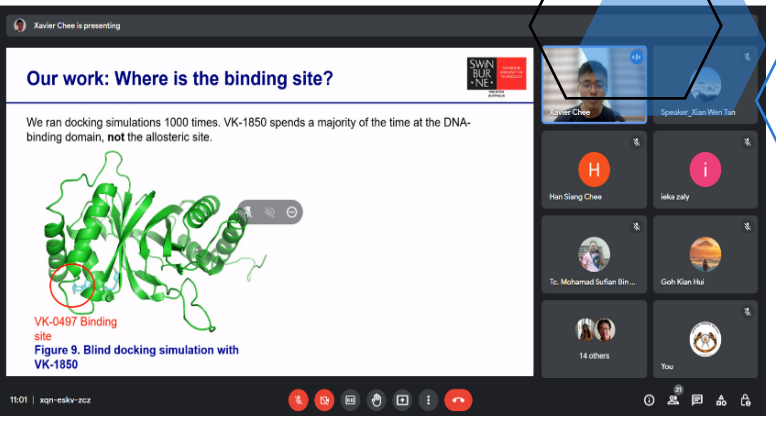
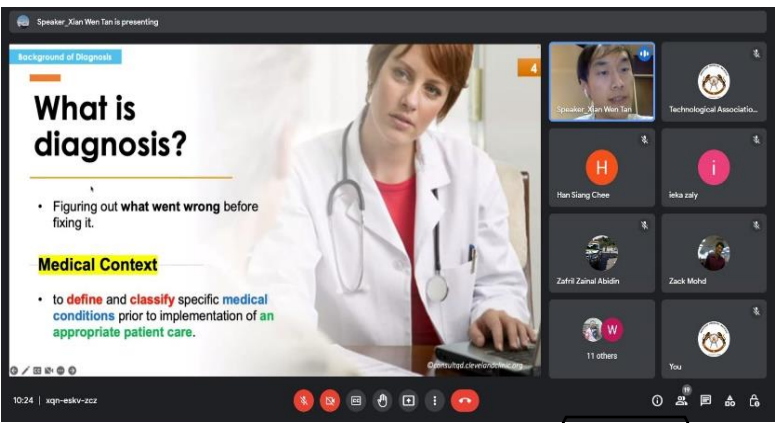
**Technological Association Malaysia**  
(Sarawak Branch)  
www.tam.org.my

CPD – MBOT (2 points)

# #Webinar 1 – The Evolving Healthcare Landscape with Science and Health Innovations

By: **Ts. Dr. Khew Choy Yuen**

#Webinar 1 – The Evolving Healthcare Landscape with Science and Health Innovations under the field of Biotechnology (BT) and Health and Medical Technology (HM) is moderated by Ts. Dr. Khew Choy Yuen. The objective of the webinar is on the use of medical and health technology toward the improvement on drug discovery. Over the years, the evolving health technology have revolutionized the way science support healthcare services. From coordinated medical knowledge and skills to procedures and system development, health technology has led to better drug discovery, disease diagnosis and effective patient care. In the realm of public health, these groundbreaking health technologies support the healthcare providers by allowing them to retrieve accurate data on diagnosis reports highlighting patients’ medical red flags and to coordinate counter reactive support systems capable of tailoring effective and practical healthcare strategies over a wide range of scenarios. Regardless, all these multidisciplinary processes share a common objective – to improve health and patient safety, all for a better quality of life and life expectancy over time. This webinar session will cover different topics on the benefits of ground-breaking health technology, in creating dynamic healthcare solutions beyond elementary approach that can have a profound impact on public health.





## Lab on STEM's Enrolment by the Ministry of Education, Innovation and Talent Development Sarawak

By: Ts. Dr. Khew Choy Yuen

TAM Sarawak represented by Ts. Dr. Khew Choy Yuen, TAM Sarawak Secretary to the STEM's Enrolment conducted by the Ministry of Education, Innovation and Talent Development Sarawak at Imperial Hotel, Kuching on 8 August 2022. Knowledge sharing and implementation of STEM in Sarawak was among the agenda discussed in the lab. Another achievement by TAM Sarawak to assist in Sarawak Post Covid Strategic Thrust to improve and cultivate the students in STEM.

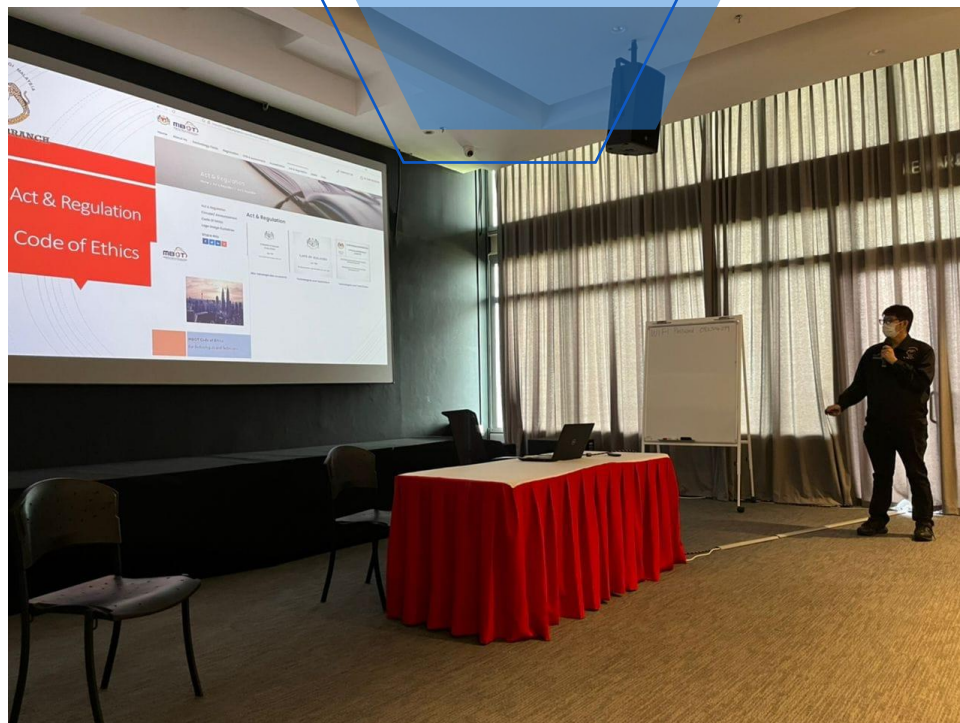


## Courtesy Visit to YBrs. Ir. Richard Tajan, Director of Public Works Sarawak

By: Ts. Dr. Khew Choy Yuen

A Courtesy Visit to YBrs. Ir. Richard Tajan, Director of Public Works Sarawak on 12 August 2022 lead by TAM Immediate Past President and also the Board Member of Malaysia Board of Technologists. JKR Sarawak welcomed the presence of TAM and MBOT to promote and engage the Professional Technologists (Ts) and Certified Technician (Tc) in JKR Sarawak. He also hopes that TAM and MBOT can work closely with JKR Sarawak in the program that will be held in the future. During the visit, Ir. Richard Tajan was endorsed as the Member of TAM to represent and recognition for technical personnel in Sarawak.





## Talk on Benefits & Route to Professional Technologist (Ts.) & Certified Technician (Tc.)

By: Ts. Dr. Khew Choy Yuen

A Physical Talk on Benefits & Route to Professional Technologist (Ts.) & Certified Technician (Tc.) was held at Level 5, Multi-Function Hall, La Promenade Mall, Kuching. TAM Sarawak aims to provide a platform for everyone whose career is technological in nature in Sarawak to achieve professional competence and the highest standard of technological skills. As the digital technology is a developing path for the IR 4.0, the Sarawak Government had introduced the Sarawak Multimedia Authority (SMA) which is the regular body established pursuant to Section 3 of Sarawak Multimedia Authority Ordinance 2017 with the primary objective to spearhead, oversee and facilitate the development and implementation of the communication, multimedia and the State's Digital Economy Initiatives. However, the people of Sarawak was no aware on the existing of Malaysia Board of Technologists (MBOT) to elevate the standing, visibility and recognition of the technologists and technicians in Malaysia. With the collaboration between TAM Sarawak and MBOT, it will create a platform to increase and recognize the skilled workforce in Sarawak to attain a high-income economy.

### Carcinogenesis

- Genomic instability
- Exposure to mutagens/carcinogens
- Accumulation of mutations
- Loss of cellular check-point
- Deficiency in DNA repair

### Colorectal Cancer: Global

Number of new cases in 2020, both sexes, all ages

Total: 19,292,789 cases

Number of deaths in 2020, both sexes, all ages

Total: 9,958,153 deaths

Cancer Type	New Cases (2020)	Deaths (2020)
Breast	2,281,459 (11.7%)	1,798,142 (18%)
Long	2,226,771 (11.4%)	1,832,180 (18.3%)
Colorectum	1,931,596 (10%)	935,170 (9.4%)
Prostate	1,414,239 (7.2%)	748,780 (7.5%)
Stomach	1,089,103 (5.6%)	748,780 (7.5%)
Oesophagus	824,180 (4.2%)	548,576 (5.5%)
Pancreas	466,903 (2.4%)	466,903 (4.7%)
Liver	905,673 (4.7%)	848,996 (8.5%)
Cervix uteri	694,127 (3.6%)	694,127 (7%)
Other cancers	8,275,762 (42.9%)	3,557,464 (35.7%)

# #Webinar 2 – Colorectal Cancer Chemopreventive Agent: A Drug Discovery From Garden to Bench

By: Ts. Dr. Khew Choy Yuen

#Webinar 2 - Colorectal Cancer Chemopreventive Agent: A Drug Discovery Journey from Garden to Bench under the field of Biotechnology (BT) and Health and Medical Technology (HM) is moderated by Ts. Dr. Khew Choy Yuen. The speaker is Senior Lecturer Faculty of Medicine and Health Sciences, Universiti Malaysia Sarawak, Dr. Isabel Fong Lim. The webinar was conducted on 27 August 2022. The webinar has brought an insightful explanation on using the herbs from Garden to be the anti-cancer agent. Cancer is one of the leading causes of mortality in Malaysia with colorectal cancer as the most common cancer in males and second most common cancer in females. Colorectal cancer causes high mortality as it is hardly detected during the early stage. Studies had reported that colorectal cancer progression takes approximately 15 years from the initiation stage to the irreversible tumour formation stage. This 15-year duration provides a window of opportunity for intervention. This talk will introduce the progression as journey from garden where these plants can be found and how it makes its ways onto the laboratory bench and beyond. Amazingly, this particular flavonoid can be found in our own backyard.





# Courtesy Visit to YB Dato Sri Haji Fadillah Haji Yusof, Senior Minister of Ministry of Works Malaysia

By: Ts. Dr. Khew Choy Yuen

A Courtesy Visit to YB Dato Sri Haji Fadillah Haji Yusof, Senior Minister of Ministry of Works Malaysia on 2 September 2022 lead by TAM Sarawak Chairman. This visit is to introduce the establishment of TAM Sarawak as well to invite YB to launch TAM Sarawak in conjunction with TAM National Conference and 76<sup>th</sup> TAM National AGM held on 15 & 16 April 2023 in Kuching Sarawak. TAM Sarawak was encouraged to develop and adopt technology in construction industry. TAM Sarawak committed to be a technical and scientific association of choice in Sarawak for technologists with vibrant and outreach initiatives. Looking forward for more collaboration and contribution to construction industry in Sarawak.



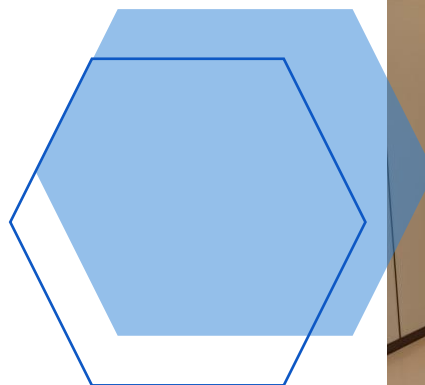




## Courtesy Visit to Universiti Teknologi MARA Cawangan Sarawak

By: Ts. Dr. Khew Choy Yuen

A Courtesy Visit to Universiti Teknologi MARA (UiTM) Cawangan Sarawak lead by TAM Sarawak Chairman on 13 September 2022. Our visit was welcomed by Prof. Dr. Fridaus Abdullah, Deputy Rector of UiTM Sarawak Branch. The meeting has discussed on the collaboration and opportunities that can be established between the two parties, especially in the field of STEM and TVET for students at UiTM Sarawak Branch. A memorandum of understanding (MoU) will also be signed between the two sides in the near future.



## Courtesy Visit to Sunway Traditional Medicine Centre, Kuching Sarawak

By: Ts. Dr. Khew Choy Yuen

A Courtesy Visit to Sunway Traditional and Complementary Medicine Centre Kuching lead by TAM Sarawak Chairman on 15 October 2022. Our visit was welcomed by Ms. Hu Kee Yie, TCM Physician and Person-In-Charge of Sunway TCM Centre Kuching. This visit is to collaborate with the industry player to establish new working group in the field of Health and Medical Technology (HM) in TAM Sarawak. TAM Sarawak has invited Sunway Traditional and Complementary Medicine Centre Kuching as an invited speaker for the TAM National Conference held on 15 April 2023 in conjunction with TAM 76<sup>th</sup> National AGM.

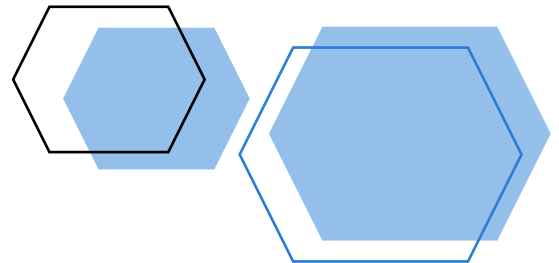




# Courtesy Visit to Clinical Research Centre, Sarawak General Hospital

By: Ts. Dr. Khew Choy Yuen

A Courtesy visit to Clinical Research Centre (CRC), Sarawak General Hospital lead by TAM Sarawak Chairman on 13 October 2022. During the visit, TAM Sarawak is being informed that CRC is the first clinical research centre in Malaysia. This visit is to part of the establish new working group in the field of Health and Medical Technology (HM) in TAM Sarawak and to encourage the staff to be part of TAM in promoting technologists. Looking forward for more collaboration in health and medical technology in Sarawak.



WEBINAR 2022



Technological Association  
Malaysia  
(Sarawak Branch)

# Integration Controller for Pico Hydro Power Plant using Fuzzy-PID Flow Control Technique

This webinar will introduce the design and implementation of an efficient hydro turbine management unit with integrated control using an intelligent approach to fuzzy-proportional integral derivative (PID) flow control as well as a PID load controller before analysis and verification.



**Ts. Kang Chia Yang**

**Lecturer**  
**Politeknik Kuching Sarawak**  
Professional and Certified Trainer for  
Green Card CIDB & CCD Point  
(Contractor)  
Professional and Certified Trainer for IBS  
Professional (Engineer)  
Certified Trainer for IBS SKP B01  
(Contractor)  
Certified Assessor CLASSIC (CIDB)  
Certified Assessor SHASSIC (CIDB)

TUES  
DAY

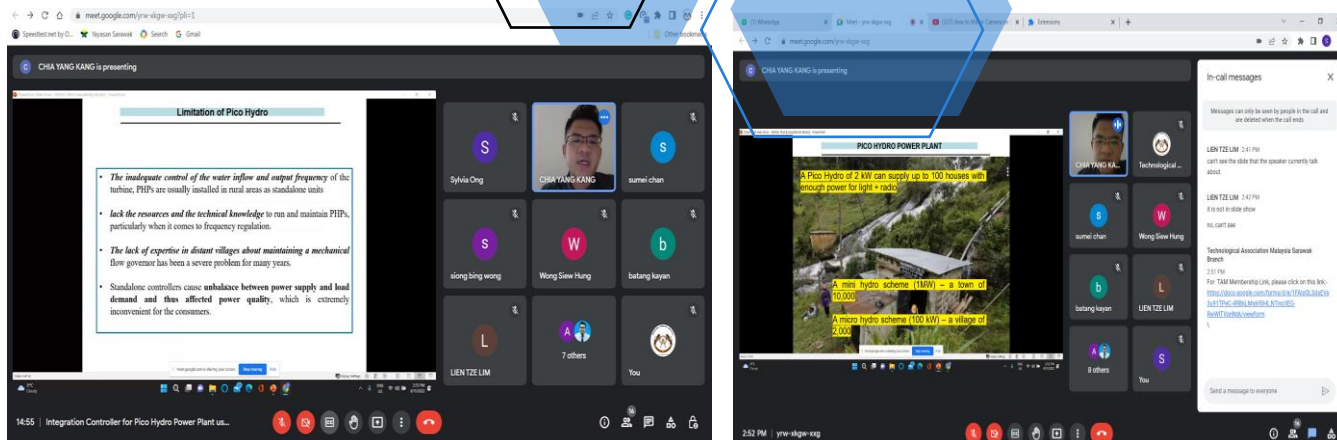
NOV  
8

TIME  
230 pm



Register now

Eligible for 2 CPD point from MBOT



## #Webinar 3 - Integration Controller for Pico Hydro Power Plant using Fuzzy-PID Flow Control Technique

By: Ts. Dr. Sylvia Ong Ai Ling

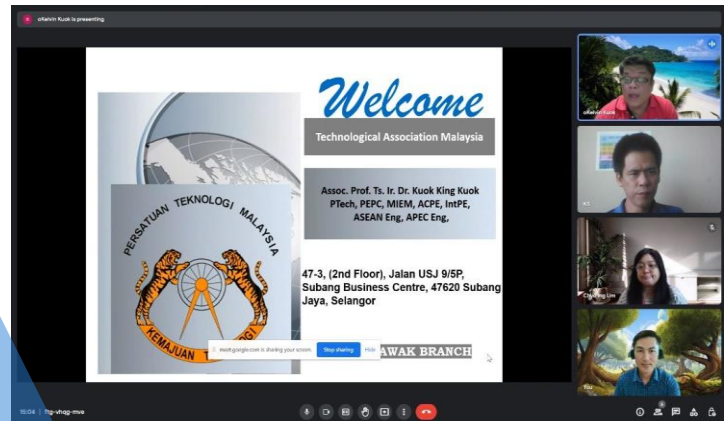
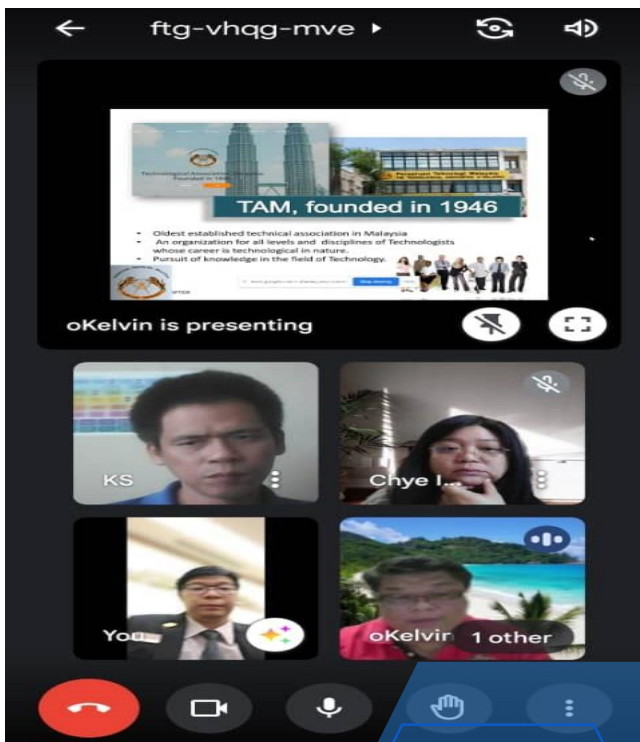
#Webinar 3 – Integration Controller for Pico Hydro Power Plant using Fuzzy-PID Flow Control Technique under the field of Electrical and Electronic Technology (EE) is moderated by Ts. Dr. Sylvia Ong Ai Ling. The speaker is the Lecturer Kuching Polytechnic Sarawak, Ts. Kang Chia Yang. The webinar was held on 8 November 2022 via virtual mode with the purpose on the energy as the critical component in a country's development. Nowadays, research focuses on green technology, particularly renewable energy resources. It includes wind energy, solar energy, and hydropower, abundant and practically limitless in the natural environment. Hydropower, more specifically standalone pico hydro, is not only environmentally friendly, but it is also convenient for end-users in terms of easy onsite installation, lower cost, low maintenance, and site accessibility, as most rural areas do not have grid access, especially for those living in Sabah and Sarawak. The purpose of pico hydro generating power is to keep the plant's output power parameters within acceptable limits. Therefore, it is critical to maintaining the output power parameters for better performance and efficiency by developing an integrated frequency response controller for standalone pico hydro systems. This webinar will introduce the design and implement an efficient hydro turbine management unit with integrated control using an intelligent approach to fuzzy-proportional integral derivative (PID) flow control and a PID load controller before analysis and verification.



# Engagement session with Curtin University Malaysia

By: Ts. Dr. Khew Choy Yuen

An Engagement session with Curtin University Malaysia yang lead by TAM Sarawak Vice Chairman 1. This engagement is to promote technologist to the students in the northern region of Sarawak.

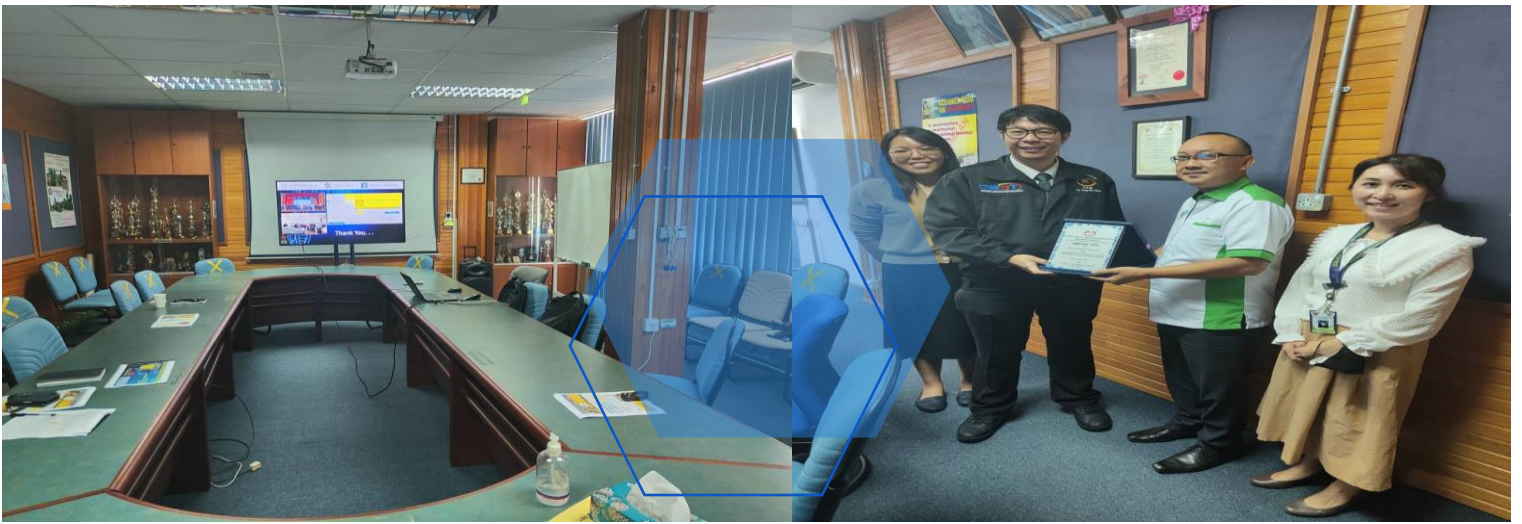


# Courtesy Visit to Sarawak Research and Development Council

By: Ts. Dr. Khew Choy Yuen

A Courtesy Visit to Sarawak Research and Development Council lead by TAM Sarawak Chairman on 5 December 2022. Our visit was welcomed by Ts. Dr. Peter Morin Nissom, General Manager of Sarawak Research and Development Council. This visit to encourage participant from Sarawak Research and Development Council and to promote TAM National Conference in Sarawak held on 15 April 2023.





## Courtesy Visit to Department of Agriculture Sarawak

By: Ts. Dr. Khew Choy Yuen

A Courtesy Visit to Department of Agriculture Sarawak lead by TAM Sarawak Chairman on 5 December 2022. Our visit was welcomed by Dr. Maclin Dayod, head of Crop Research & Development Division Department of Agriculture Sarawak. The engagement highlighted TAM Sarawak's efforts to promote technologists in agro-based technology. TAM Sarawak has invited Department of Agriculture Sarawak as an invited speaker for the TAM National Conference held on 15 April 2023 in conjunction with TAM 76<sup>th</sup> National AGM.



## Visit to Kuching Centralised Sewerage Treatment Plant

By: Danny Ng

Visit to Kuching Centralised Sewerage Treatment Plant by TAM Sarawak Swinburne Student Chapter (TAM SSSC). The purpose of the site visit is to enhance knowledge and provide better understanding on centralised sewerage treatment plant in Sarawak. Ms. Siti and Ms. Amy from Sewerage Service Department Sarawak welcomed and briefed the students on the packages of sewerage system in Sarawak, how does sewerage treatment plants work in Sarawak. This visit provides insights on how the centralized sewerage treatment plant works. Students are exposed to the process of water treatment in different stages and the respective reactors, clarifiers and wetlands.





## Invited Talk: Introduction to Building Information Modelling (BIM)

By: Sim Chuin Chiet

A physical talk was conducted on 7<sup>th</sup> May 2022 entitled the Introduction to Building Information Modelling (BIM). The talk was delivered by Ir. Ts. Dr. Liew San Chuin, Angelia, the senior lecturer in Civil Engineering. The talk was attended by Swinburne Sarawak students from various programmes, such as Chemical, Mechanical, Robotics & Mechatronics, Electrical & Electronic and Civil Engineering. The session ended with presenting the certificate of appreciation to Dr. Angelia by Mr. Bryan Tay, President TAM SSSC.





## Mentorship For Young Innovator Challenge 2022

By: Covington Kua

TAM SSSC attended Young Innovators Challenge (YIC) which is an annual program that aims to catalyse maker movement in secondary schools. The event is supported by the Ministry of Education, Sime Darby Yayasan as the national sponsor & host, MDEC as the strategic partner while Chumbaka as the technical partner. The Students have the opportunity to develop projects they are passionate about. This learning journey nurtures their life skills where students embark on a journey where they learn and apply the technologies that enable IR4.0. YIC has opened doors for students from all backgrounds (and from across Malaysia) to discover their abilities to identify and solve real-life problems, and to communicate their ideas to others.







## Feel the Beat: Strong Nation Fitness

By: Ong Chien Ming

Fitness is a must and TAM SSSC collaborating with Angelus Fitness on the event themed “Feel the Beat: Strong Nation Fitness” was a physical workout session open to the Swinburne students, staff, and alumni. The event was held on 2 July 2022 at Swinburne University of Technology Sarawak Campus Multi-Purpose Hall (MPH). With the aim to encourage physical fitness through Strong Nation, a high-intensity aerobic activity, TAM SSSC had the honour to invite Mr. Apiey, Ms. Oza, and four background instructors from Angelus Fitness to lead the one-hour workout session.



## Beach Cleanup

By: Swinburne Sarawak Student Chapter

Social Responsibility is part of the organization objective. TAM SSSC had organized a beach cleanup event jointly with Swinburne Sarawak Green Club (SSGC) with the aid of an external local non-profit organization, Kuching Beach Cleaners (KBC). The beach cleanup was held at Pasir Pandak, which is an approximate 40-minute drive from campus. The event will be open to current club members of both clubs and the Swinburne community. The clubs will provide transportation to the participants, with Swinburne Sarawak campus acting as the rendezvous point and last stop. Networking session with the industry player enhance the communication skills of the student.



## Site Visit to ZHA Environmental Sdn. Bhd. and Sar-Alam Indah Sdn. Bhd.

By: Ong Jing Ming

A site visit to ZHA Environmental Sdn. Bhd. and Sar-Alam Indah Sdn. Bhd. was held on 23<sup>rd</sup> September 2022 in conjunction with Swinburne University of Technology Sarawak Campus's Sustainable Development Goals (SDG) Week 2022. This site visit was organized by TAM SSSC namely Elvina Heng Chu Qing, Ong Jing Mian, Alvin Lee Guo Jian and Lidwina Goh Anak Henry Sujang and co-organized with IChemE Student Chapter. Sar-Alam Indah Sdn. Bhd. is an established environmental company specializing in Wastewater Treatment to prevent pollutants from flowing into waterways and polluting the environment. ZHA Environmental Sdn. Bhd. is an environmental company licensed to collect and to convert used tyres into recycled rubber products for environmentally friendly commercial applications. The students were welcomed by Ms. Gloria, ZHA Environmental Sdn. Bhd. and introduced samplings of their products. ZHA Environmental Sdn. Bhd.'s quality assurance system focused on particle size analysis, metal and fibres impurities measurements in accordance with ASTM D5603 standard using the in house testing facilities. On the second visit to Sar-Alam Indah Sdn. Bhd., Mr. Ng welcomed all the students. Site tour was conducted to study the process septic sludge treatment. After the end of the tour, a token of appreciation to ZHA Environmental Sdn. Bhd. and Sar-Alam Indah Sdn. Bhd. presented by Ir. Ts. Dr. Liew San Chuin, Ts. Dr. Hadi Nabipour Afrouzi, Dr. Victor Bong Nee Shin, and Dr. Elaine Yeu Yee Lee as the representative of Swinburne University of Technology Sarawak Campus.



**CIVIL KOPITIAM 3.0**

DATE : 28TH SEPTEMBER 2022  
(2PM-3PM)

VENUE : AUDITORIUM, BLOCK G

CIVIL ENGINEERING MEET & GREET SESSION

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## Civil Kopitiam 3.0

By: Nathalie Goh

TAM SSSC had invited Dr. Daniel Looi Ting Wee, Discipline Leader (Civil Engineering) at Swinburne Sarawak to host 'Civil Kopitiam 3.0' on 28<sup>th</sup> September 2022. This event was held as a meet and greet session for civil engineering students from all years as an opportunity to meet lectures, seniors and juniors. The event started with a welcoming speech and updates from Dr. Daniel Looi. He has also revealed and congratulated the Top Scorers and Dean List students from Semester 1 Year 2022. He wishes that students from all years will be able to get to know each other through a Buddy System. One representative of each of the clubs who are Cheng Guang Rong from Engineers Australia – Swinburne Sarawak Student Society (EA-SSSS), Elvina Heng from Technological Association of Malaysia – Swinburne Sarawak Student Section (TAM SSSC) and Sie Duong Xing from The Institution of Engineers Malaysia, Swinburne University of Technology Sarawak Campus Student Section (IEM-SSSS) shared about the clubs' background and activities respectively and encouraged students to join as it will benefit them. Dr. Victor Bong who is a lecturer and unit convener for EAT20008 Professional Experience in Engineering has shared about the internship program and that it is compulsory for all engineering students to graduate Next, Mr. Thananjayan who is the International Marketing Executive at Swinburne University of Technology Sarawak Campus, shared about the application processes, documents and requirements of applying for exchange or transfer to Swinburne Australia. Mr. Robert Lim also shared his experience in his postgraduate studies and how he was interested in the research topic on modular buildings. He also encouraged students to actively participate in club activities. A bonding session and buddy system was also held after the sharing session.

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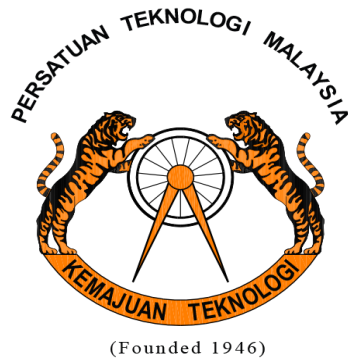
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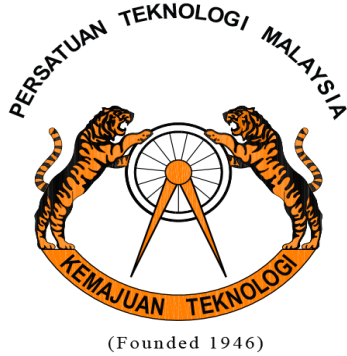
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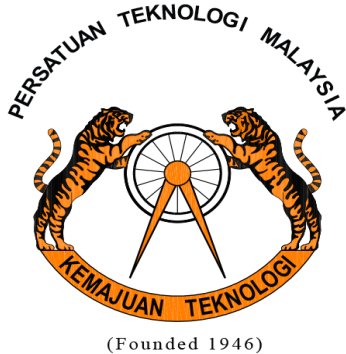
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