MALAYSIA BRANCH QUARTERLY NEWSLETTER

July 2022
Malaysia Branch

Dear Fellow Members,

This is the second newsletter for 2022/2023 session. We have just passed half of Year 2022. We wish all of our fellow members stay safe and healthy.

Our Muslim members have just celebrated Hari Raya Aidiladha. We wish all of them Selamat Hari Raya Aidiladha!

We continue to take this opportunity to update all our members on the past events and coming activities. We are looking forward to seeing you soon in our upcoming events.

Ir. Ts. Dr. Chow Ming Fai

News

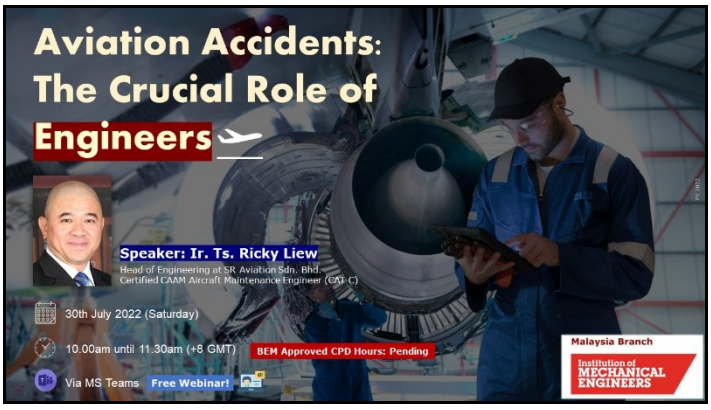
1.0 IMechE Malaysia Networking Night

Penang networking night
Date: 20th August 2022 (5.30pm - 8.00pm)
Venue: Axis Lounge - Doubletree Resort by Hilton Penang,
Entrance Fees: Free for Associate, Corporate and Fellow IMechE Members
Dress Code: Smart casual (no slippers & sports shoes allowed)
RSVP: https://lnkd.in/g7JSwCiB

Upcoming Events:

1.0 Webinar "Aviation Accidents: The Crucial Role of Engineers"

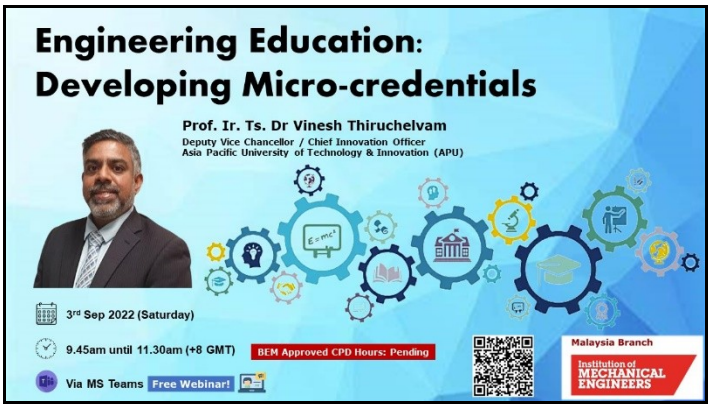
Date: 30 July 2022
Time: 10.00am – 11.30am
Speaker: Ir Ts Ricky Liew
Information:
https://www.linkedin.com/feed/update/urn:li:activity:6939845009215008768/?actorCompanyId=79647674
BEM Approved CPD / PDP hours: 2



Synopsis:
Advancement in aircraft engineering and technology escalated exponentially after the first successful flight by the Wright Brothers. Despite the success of mankind and flight, there were many technical challenges associated with the development the flying machines in terms of engineering design and technologies. While aircrafts are one of the safest vehicles to transport passengers and cargo, there were still incidents and accidents that occurred historically. Each incident and accidents data captured were analysed carefully to identify the errors in order to make improvement to the engineering design and technologies involved. The results of the analysis and improvement required affects engineers in terms of designs, operations, work processes as well as executing their crucial roles. In this webinar, the speaker will share some of the aviation accidents that have taught engineers on their ability to make changes in design and technology for the safety of the aircraft and public.

2.0 Webinar "Engineering Education: Developing Micro-credentials"

Date: 3 Sep 2022
Time: 10.00am – 11.30am
Speaker: Prof. Ir. Ts. Dr Vinesh Thiruchelvam
Registration link:
https://forms.gle/Eux9NPYjmdFDSpp49
Venue: Online Platform (MS Teams)



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Institution of MECHANICAL ENGINEERS

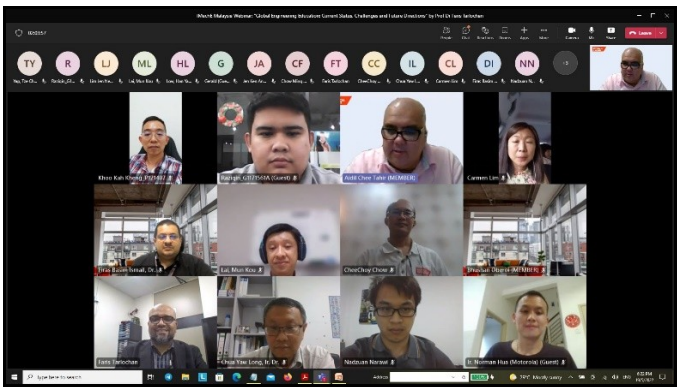
Synopsis:
More and more engineering firms are looking at getting their staff to be qualified with micro-credentials. Micro-credentials are mini-qualifications that demonstrate skills, knowledge, and/or experience in a given subject area or capability. They exist to meet the needs of the education sector, industry and its lifelong learners.
There is no absolute definition for micro-credentials in terms of period of study, range of content or specific forms of assessment. However, certain components are widely recognized as key characteristics of micro-credentials.
This talk gives an insight into micro-credentials from design, putting the correct resources in place and compliance towards public offering in Malaysia

Past Events

1.0 Webinar "Global Engineering Education: Current Status, Challenges and Future Directions"

Date: 19th May 2022
Time: 5.00pm to 6.00pm
Speaker: Prof. Ir. Dr. Faris Tarlochan

Institution of Mechanical Engineers Malaysia Branch has successfully held a webinar titled "Global Engineering Education: Current Status, Challenges and Future Directions" on 19th May 2022 (Thursday) evening. The speaker, Prof. Dr. Faris Tarlochan from Qatar University shared a lot of useful information about the emerging issues and challenges to Engineering, history and current status of Engineering Education, and Transformation of Engineering Education.



2.0 Appreciation dinner for the organizing committees of Railway Forum

Date: 4 June 2022
Time: 6.00pm – 10.00pm

Institution of Mechanical Engineers Malaysia Branch has successfully organized an online Railway Forum on 29 March 2022. Barry Gardner took the lead in preparing the seminar, guiding the organizing committees from IMechE - Monash Malaysia Student Chapter and Institution of Mechanical Engineers - University of Malaya Student Chapter (IMechE UM) for months. They worked very closely with the branch committee members Eddie Hok Lian LIM, Tze Ling Lew PhD CEng MIMechE and Pooi Ying Choong to ensure the success of the event.

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Institution of MECHANICAL ENGINEERS

We had an appreciation dinner for the organizing committees on 4 June 2022, where Ir. Dr. Aidil Chee Tahir presented them the certificates of appreciation.
Special thanks to Barry Gardner and Tze Ling Lew PhD CEng MIMechE who couldn't attend the dinner due to other commitments.
IMechE Malaysia would like to express appreciation to all the speakers CHANDAN Kumar, PMP®, PRINCE2®, CEng, Dave Horton, Gary Moore MIET MAPM AMIRSE, Jack Tan and Noel Devan. Thanks to all who attended the dinner, Tee Tiong Tay, Ir. Dr. Ming Kwang Tan, Talha Ahsam, Lim Poh Teck, Risky Muhamad Irwan, Yun Hang Mok, Nimanya Gunasekera, Vincent Koh, Ng Jin shin, Daniel Kong Len Hao, Chai K., Indii Chooi and Rithika Jayaweera.

3.0 Technical visit to Kuala Lumpur International Airport (KLIA) Baggage Management

Date: 30 June 2022
Time: 10.00am – 12.00pm

The visit was co-organised by The Institution of Mechanical Engineers (IMechE) Malaysia Branch and The Institution of Engineers, Malaysia (IEM) to understand the systems and technology used by the Malaysian Airport terminals to continuously load and unload baggage. The participants had the opportunity to witness the complexities involved in the transfer of baggage within the airport, to and from various airlines for various destinations. In total, 20 members from IMechE Malaysia and IEM attended the visit. The visit ended with the exchange of gifts between Chair of IMechE Malaysia, Ir. Dr. Aidil Chee Tahir and Ir. Azman Yusuf.

4.0 Professional Career Development Talk

Date: 9 July 2022
Time: 10.30am – 11.30am
Speaker: Ir. Ang Pey Char

We were very grateful to have Ir. Ang Pey Char to deliver an online talk for The Institution of Mechanical Engineers (IMechE) Malaysia Branch, titled "Pursuing A Fulfilling Career Using NLP & TLT" which was held on 9th July 2022 (Saturday) morning. It was moderated by Ir. Dr.

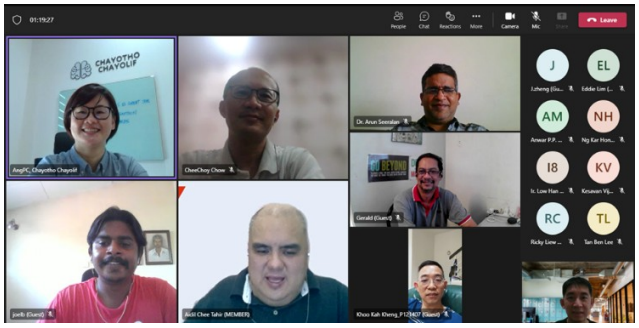
Aidil Chee Tahir, the Chairman of IMechE Malaysia Branch.

Ir. Ang, a Professional Engineer and a qualified Neuro-Linguistic Programming (NLP) and Time Line Therapy™ (TLT) Trainer explained on how NLP and TLT could be utilized to generate impactful results for creating everlasting changes in a person's life, including pursuing fulfilling career.

The talk was very insightful which guided the attendees to:

- Discover what values drive them at work
- Take charge of their career purpose
- Master their thoughts and behaviours
- Discover some empowering themes
- Gain the awareness of 1st step to be an expert in NLP & TLT

Thank you so much to Ir. Ang Pey Char for her wonderful sharing session.



5.0 Webinar titled "Sustainable Development: An Engineer's Role"

Date: 16 July 2022
Time: 10.00am – 11.30am
Speaker: Ir. Dr. Aidil Chee Tahir
BEM Approved CPD / PDP hours: 2

A webinar titled "Sustainable Development: An Engineer's Role" was successfully held by The Institution of Mechanical Engineers (IMechE) Malaysia Branch on 16th July 2022 (Saturday) morning. The talk was delivered by Ir. Dr. Aidil Chee Tahir, the IMechE Malaysia Branch Chairman. The IMechE Malaysia Branch Honorary Secretary, Ir. Dr. Ee Von Lau facilitated the talk.

Dr. Aidil briefed on the global sustainability issues, from the environment, social and economic perspectives, and discussed on the causes and consequences of those challenges.

The pivotal roles played by engineers in our lives were further elaborated in the talk, as they have provided us with many great inventions that have enhanced and improved our quality of life. Aidil deliberated on how engineers can take a leadership role in addressing these global issues on sustainability. Engineers need to take up the responsibility to resolve these global sustainability challenges to help protect the well-being of the present and future generations to come.

Thanks to all the attendees for your support.

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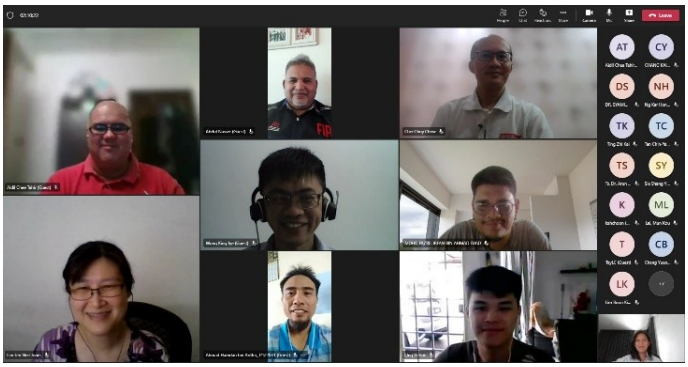

6.0 IMechE Malaysia *Klang Valley networking night*

Date: 26th July 2022
Time: 6.30pm – 9.00pm
Venue: Pool Side, Royal Lake Club, Kuala Lumpur

Networking session provides an opportunity to the members to interactive among each other. It also enables IMechE Malaysia to seek members' feedback or comments.
On 26th July 2022, a networking session was held at Royal Lake Club where the Branch Committee Members were able to meet up with some of the members residing in the Klang Valley and.

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