

IET Malaysia Local Network's Year-End Notes

150
1871 - 2021

IET The Institution of
Engineering and Technology

December 2021

IET MALAYSIA YEN

Deluxe
Edition

Activity highlights for the year 2021

IET MALAYSIA LOCAL NETWORK

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Dear Members of the IET Malaysia Local Network, Volunteers and Partners of the IET Malaysia,

For the past 12 months, we have been struggling to adapt with the COVID-19 pandemic. With the instruction from the IET HQ, UK we are not allowed to organise any physical event **without any Approval from the IET Golden Team**. This becomes a major limitation for us to ensure the service delivery to the IET members in Malaysia.

However, we at the IET Malaysia Local Network is trying our best to make use the digital technology as an integral factor to organise our event. Our webinars were held virtually, the networking programme was organised using virtual game, and some of the programmes were organised using digital platforms. **As a summary for year 2021, the IET Malaysia Local Network has organised 26 programmes with 32,000 estimated number of participants, inclusive of both the IET members and non-IET members.**

It is worth noting that in 2021, we also have celebrated **the IET 150 Years Anniversary**. Few programmes have been organised in conjunction of this celebration, such as **the IET 150 Hack//Planet, Women in Engineering Conference and IET Scientia**. We believe these programmes are able to help in portraying back the importance of the IET to inspire **people about the greatness of Engineering and Technology**.

Our success in organising programmes for IET members in Malaysia relies **100% on the effort from the IET Volunteers**. **To ALL IET VOLUNTEERS**, on behalf of the IET Malaysia Local Network, I would like to **express our appreciation for your valuable contribution**. We are grateful for the energy, enthusiasm, and dedication you bring to your roles as volunteers.

To ensure the IET Malaysia Local Network **stay relevant in Malaysia**, we have established our **engagement with other engineering related organisations and institutions in Malaysia**. This will help us to have more collaborative program with others for the benefit of IET Members in Malaysia. Moreover, we are consolidating our engagement with the other **UK professional engineering institutions in Malaysia** to explore possibility in **bringing up the value proposition of the Chartered Engineer in Malaysia**.

We believe for an organisation to serve their member well; it needs continuous engagement as well as the strong support from its members. We always **welcome your idea, input and feedback**. Write to us at our FB **@TheIETMalaysia** or email to **amir.abdulmajid@ietvolunteer.org**. Let us know how we can serve you better and how you can gain benefit as part of the engineering community.



THE IET MALAYSIA LOCAL NETWORK CHAIRMAN'S 2021 YEAR-END REMARKS

Finally, I hope we can build a new equation to build trust and to deliver sustainable outcomes for all IET members in Malaysia. Let's work together to engineer the better world, to inspire **the engineer of tomorrow** and to build the IET as a **professional home for life** in Malaysia.

Happy New Year. May year 2022 will be an extraordinary year for us. Looking forward to serve you all.

Yours sincerely,

IR AMIR FARID ABDUL MAJID
Chairman 2021-2023

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HACK// PLANET

Hack stuff, save the planet,
win prizes.

In conjunction with the IET 150
anniversary celebration.

IET The Institution of
Engineering and Technology

I50
Legacy

Sat 11 Dec 2021 at
9:30am - 12:30pm
Malaysia Local Time (UTC+8 Hour)

FREE ENTRY

IET150 Women In Engineering Talk (Morning Session)

Speakers

Content

“From Mothering to Volunteering”

Assoc. Prof. Ts. Dr. Syuhaida Ismail
UK Chartered Engineer / Associate ASEAN Engineer with Practising Certificate
with the Board of Engineer Malaysia / Active member of IET Malaysia Local
Network / Received of Young Engineer Award 2019 by IET Malaysia LNI
Senior Lecturer at Universiti Teknologi Malaysia (UTM)

“Young Female Engineer”

Ms. Alice Leong Muiying
Fire and Gas Engineer with a demonstrated history of
working experience in Fire Protection Industry and Project
Management / Bachelor's Degree in Mechanical Engineering / Master of
Science-majoring in Engineering Business Management from UTM / On going
thesis writing for MSc from Meiji University Japan

Venue
Online event
Microsoft Teams

Contact
Ms. Hafizatul Saadiah Binti Mohd. Halmy
hafizatulsaadiah@gmail.com
Dr. Yan Fong Huang, Jaleel
Tenghuang.Tang@iainutmsar.org

Book your place at
<https://bit.ly/3FX19ka>

theiet.org/communities

#Networklearncollaborate

Ms. Amanda Andrea
Host/Moderator

STUFF WE DID

MORE TO COME

Stay tuned for more exciting events in 2022

IET 150 HACK//PLANET

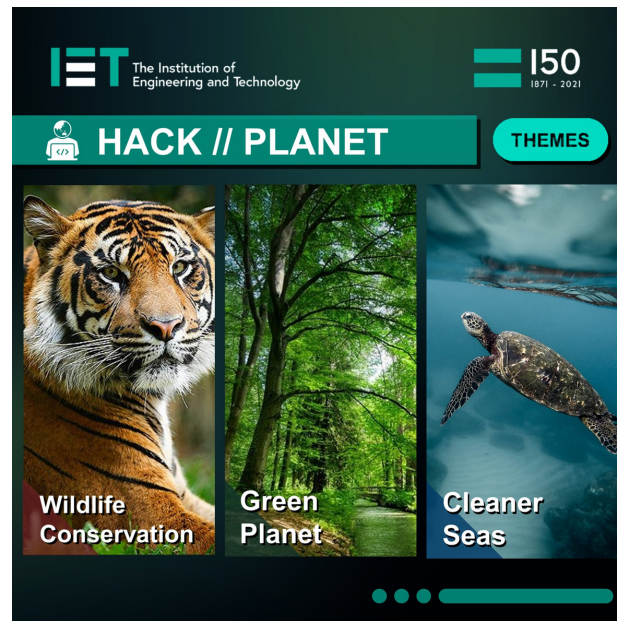
The IET 150 Hack//Planet was an innovative hackathon event organized by the IET Malaysia Young Professionals Section (YPS). The hackathon is open to YPS, students and individual makers from all over Malaysia. The hackathon challenges participants to come up with ideas to solve one of the 3 main global challenges: wildlife conservation, green planet and cleaner seas.

The first stage of the hackathon was judged remotely by a panel of YPS volunteers and engineering professionals. For this stage, participants were required to state the problems that they were trying to solve and propose a tech solution for the issue(s). The selected participants were given a set of electronic components sponsored by the IET and Cytron Malaysia to build their idea.

In the second stage, the participants were given a month to build their prototypes and record a 5-minute video demonstrating their ideas. This time, the project idea was judged by volunteers from the Institution of Engineers Malaysia (IEM) and IET. A total of 20 participants submitted their project for the second stage, but only 10 were selected for the third stage.

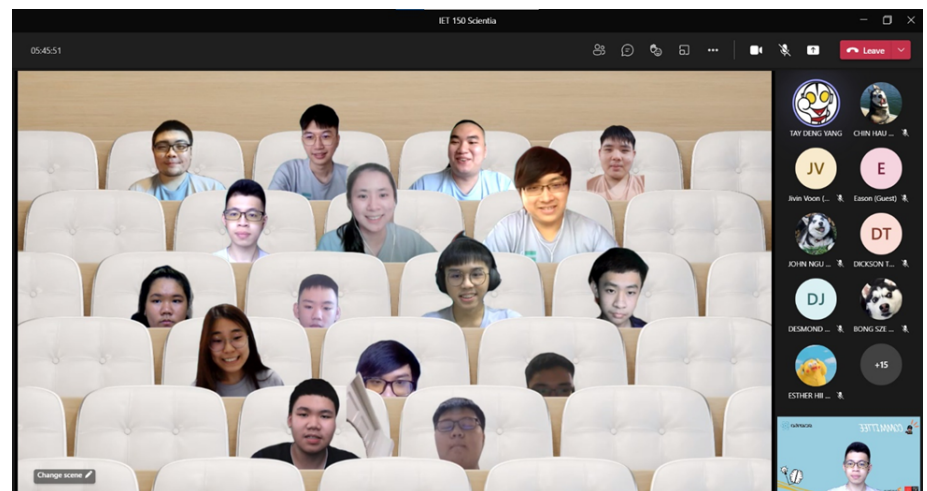
During the grand finale, the participants were invited to a virtual conference hall hosted on a game-like platform. In the hall, participants can network with judges, industrial representatives, and other attendees with their video camera. During the grand finale, the attendees were entertained with talks from the participants and invited speakers from the Malaysian Global Innovation and Creativity Centre (MAGIC) and the Collaborative Research in Engineering, Science and Technology Centre (CREST).

Overall, the hackathon was a success, with over 50 attendees. The grand finale was officiated by Ts. Dr. Ivan Ling Ting Yang, the chair of the IET YPS and closed by Ir. Amir Farid Abdul Majid, the Chair of the IET Malaysia LN. In general, the attendees and participants enjoyed the event, and are willing to join again if given the chance.



IET SCIENTIA

Swinburne Sarawak IET On Campus has successfully organised the IET 150 Scientia in celebration of the IET 150 years on the 9 till 10 October 2021. Scientia is a virtual event that aims to reach out and expose secondary students to various engineering disciplines (namely Electrical & Electronic, Robotics & Mechatronics, Mechanical, Chemical, Civil) so that students can get early insights on 'what we do as an engineer' and 'what we learn to become an engineer' before choosing what to pursue in the coming future. There were 5 secondary schools around Kuching took part. Students actively involved in the Kahoot and the top 15 obtained prizes such as trophies, maker uno and certificates.





THE IET MALAYSIA LOCAL NETWORK

CONGRATULATES

Ts. Mohamad Sukor Zainal
FIET FIMAREST CEng CMarEng
on being conferred as
FELLOW of IET

Ts. Mohamad Sukor Zainal FIET FIMAREST CEng CMarEng is an experienced top-level management and technical leader with solid track records in the Oil & Gas industry. He graduated from UMIST, UK. He is a Professional Technologist & Panel Assessor of the Malaysia Board of Technologist (MBOT) specializing in Oil & Gas Technology. Ts. Sukor has also been appointed as Industry Advisory Panel & Adjunct Lecturer of Universiti Teknologi PETRONAS (UTP). He had a colourful career both as an engineer & manager at Schlumberger. He is currently the Executive Director, Operations Director & one of the BOD members for EFTECH Drilling Solutions (EDS) which is now Malaysia's First and Only Real-Time Operations company.



Congratulations

to

Fellow
of IET



Pankaj Kumar
Choudhury

Pankaj Kumar Choudhury received a Ph.D. degree in Physics in 1992. He was a Professor at the Faculty of Engineering, Multimedia University (Cyberjaya, Malaysia) and also served the Telekom Research and Development as a consultant for projects on optical devices. He is currently a Professor at the Institute of Microengineering and Nanoelectronics (IMEN), Universiti Kebangsaan Malaysia. His research interests lie in the theory of optical waveguides. He has published over 260 papers, contributed chapters to 18 books, and edited and co-edited 08 research level books. He is a Fellow of IET, Senior Member of IEEE, OSA and SPIE.



IET Malaysia Local Network

Anggerak
TOKOH
SISWA



SWINBURNE
SARAWAK
INSTITUTION OF
ENGINEERING
AND TECHNOLOGY
ON CAMPUS
(SSiET)

PASUKAN SWINBURNE SARAWAK
INSTITUTION OF ENGINEERING
AND TECHNOLOGY ON CAMPUS
(SSiET)
TELAH MEMENANGI TEMPAT PERTAMA DI IET
ON CAMPUS OF THE YEAR AWARDS
2019 DI LONDON, UNITED KINGDOM



IET On Campus Awards

Quarter 3
2021

Most Financially
Savvy Award

**University of
Western
Australia**

Most Collaborative
Event Award

**University of
Western
Australia**

Sustainability
Award

**Niger Delta
University (NDU)**

Most Creative
Social Media Award

**Swinburne
Sarawak IET On
Campus**

Most Impactful
Event Award

**University Of
Mauritius**

Most Active On Campus
Group Award

**Swinburne
Sarawak IET On
Campus**

ITEX'21

33RD INTERNATIONAL INVENTION, INNOVATION &
TECHNOLOGY EXHIBITION, MALAYSIA

Techtalk

Date: 14/12/2021 (Tue)
Time: 2:00 PM - 4:00 PM
Venue: Event Square, Hall 6, KLCC



Presenter
AP Dr. Yoo Kian Meng

Topic #1
**Swarm based Natural Gas Leakage
Detection using Drone Technology**

Topic #2
**Translating Academic Research
into Practical Application**



Presenter
AP Dr. Kok Swee Leong

RSVP NOW

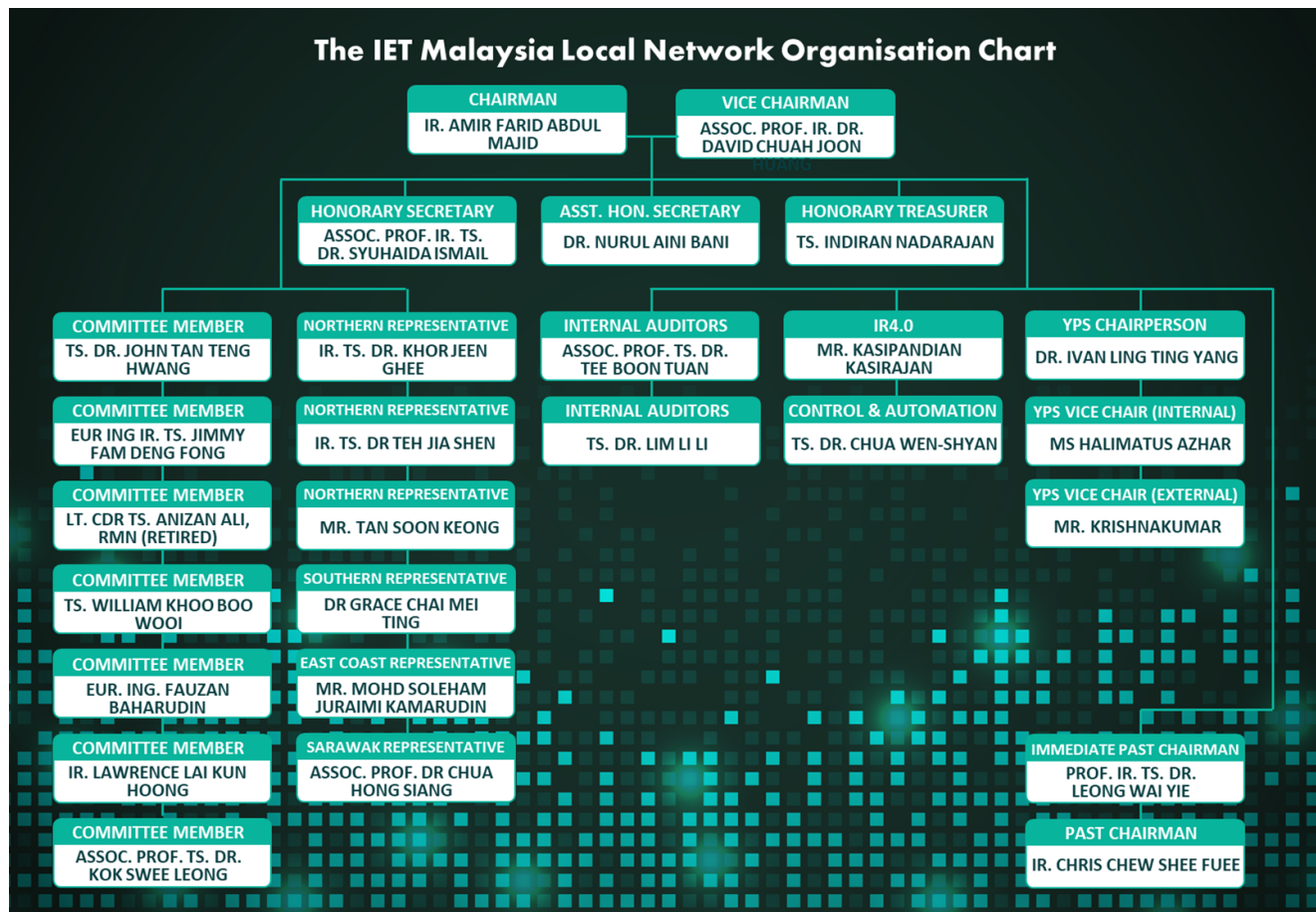
ITEX
ONLINE

IN COLLABORATION WITH

IET

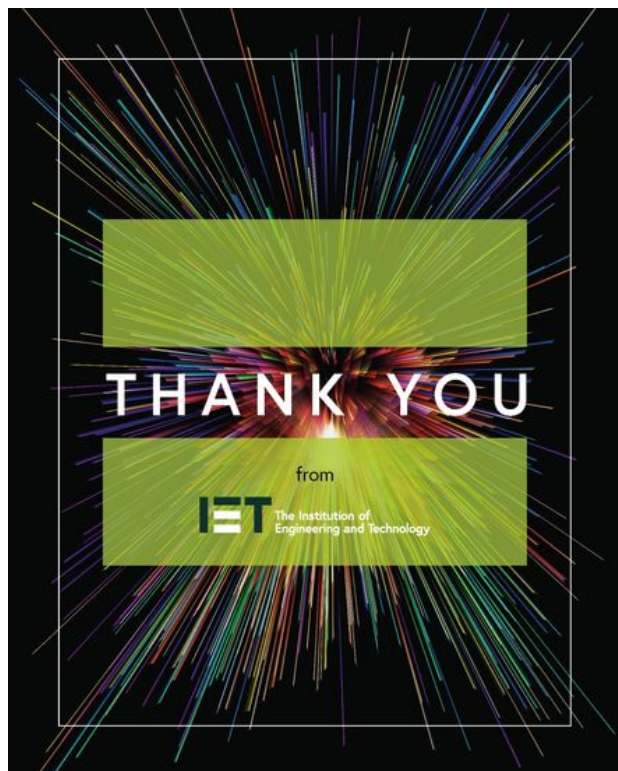
JOINTLY ORGANISED BY

CIS



MEET THE TEAM

THE BRAINS AND MUSCLES BEHIND
THE SCENE



**WE LOOK FORWARD TO YOUR ATTENDANCE AT THE IET
MALAYSIA LOCAL NETWORK ANNUAL GENERAL MEETING (AGM)
ON THE 26TH FEBRUARY 2022 (SATURDAY). THE VENUE WILL BE
UPDATED SOON! STAY TUNED!**