

Jurutera

THE MONTHLY BULLETIN OF THE INSTITUTION OF ENGINEERS, MALAYSIA

MAY 2023



Continuing the Pursuit for Sustainability



HIKVISION X-RAY BAGGAGE & PARCEL INSPECTION SYSTEMS

Detecting real threats in real time



- AI-based inspection of up to 35 common types of contraband
- Integrates with CCTV footage for event tracing
- Networking with in-depth analysis & data uploading
- Raytina technology for image enhancement



HIKVISION (MALAYSIA) SDN. BHD.

Unit 15-02, Pavilion Embassy Tower B, Kompleks Pavilion Ampang,
200 Jalan Ampang, 50450 Kuala Lumpur.

T: 03-4811 6988

Email: sales.my@hikvision.com

Technical: support.my@hikvision.com

HIKVISION

www.hikvision.com/my/

Scan to learn more

f @HikvisionMalaysia

t @HikvisionAPAC

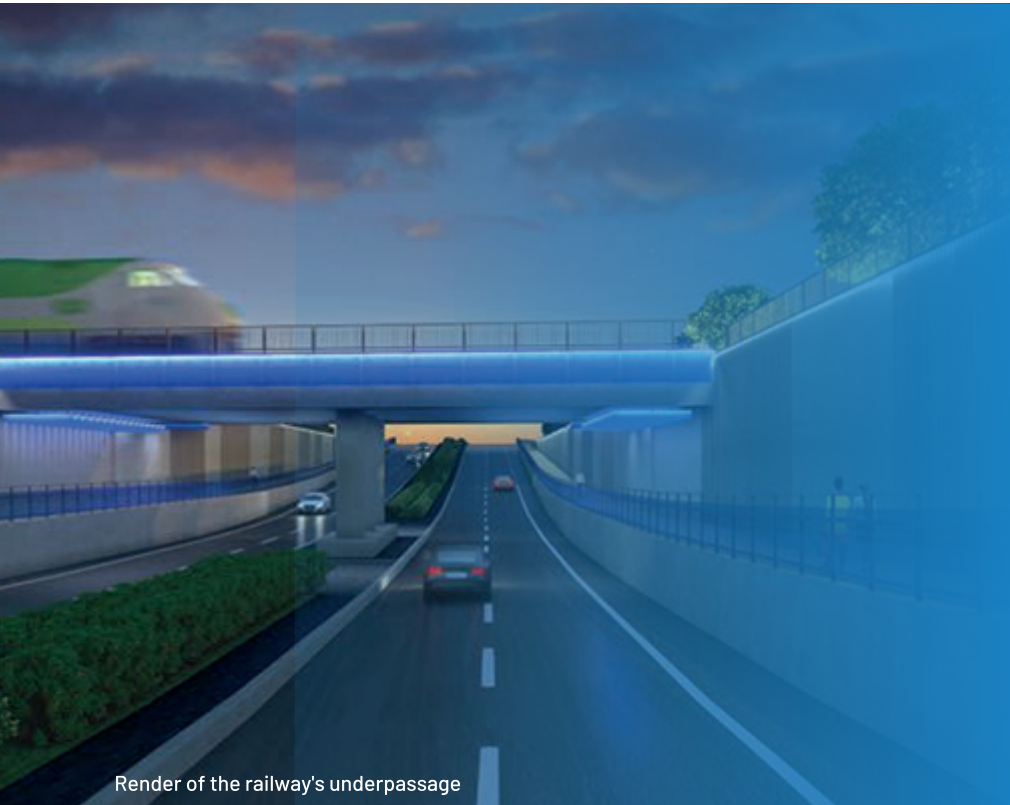
ig @hikvisionmalaysia

PERMANENT WATERPROOF AND PROTECTION SYSTEM FOR CONCRETE

The engineering team responsible for a railway project at Metrolinx, the Canadian government's transportation agency for Ontario, recently opted for Xypex Admixture over traditional membrane waterproofing after conducting evaluations. This decision was based on two factors:

- the elimination of labor-intensive membrane application to concrete below the water table; and
- the superior performance of Xypex solutions, that prevents the infiltration and exfiltration of water and other liquids for the entire structure's service life.

Xypex is the preferred choice for engineers and contractors worldwide, whether it's for new construction, rehabilitation, or fast repair. **Contact us today to discuss your waterproofing project!**



Render of the railway's underpassage



The secant piles were treated with Xypex Admix



Xypex was added to the concrete to create a waterproof barrier



RNC Integral Concrete Technology (M) Sdn Bhd (436178-D)
Exclusive applicator and distributor for Xypex in Malaysia, for
Xypex: Sustainability In Concrete Structures solutions that
includes concrete repair, protection and durability enhancement.

37 Jalan Putra Mahkota 7/7B, Putra Heights
47650 Subang Jaya, Selangor Darul Ehsan

☎ +603-51928186 / Fax: +603-51926826

✉ support@waterproofing.com.my

🌐 www.waterproofing.com.my

IEM 64th Annual Dinner and Awards Night 2023 Programme Book

We are pleased to inform that IEM will be holding the 64th Annual Dinner and Awards Night 2023 on **15 July, 2023**. Dimension Publishing has been appointed to put together the Annual Dinner Programme Book which will be circulated to all guests on that night at **One World Hotel, Petaling Jaya**.

It is an annual event organised by IEM to present awards to winners of projects and to announce the new committee for year 2023/2024. Special guests of honour will be invited to officiate at the event.

We are now calling for interested advertisers to book their preferred advertising position in this programme book. Below please find the advertising rates for your immediate action and reply. We hope to hear from you soon before the closing date on **23 June 2023**.



Book Size	:	210mm(W) x 285mm(H). Please provide extra 6mm for bleed area on all 4 sides
Advertisement Format	:	High resolution PDF file, with crop marks, bleed area, text being outlined
Deadlines	:	23 June 2023 (Fri) (Ad Booking) 30 June 2023 (Fri) (Artwork Submission)

Kindly tick in the relevant bracket. IEM reserves the right to edit, revise or reject any advertisement deemed unsuitable or inappropriate. The final print-ready artwork to be furnished by advertisers.

SPECIFIED POSITION	PRICE PER INSERTION (RM)	I WISH TO BOOK (Please tick)	ADDITIONAL BENEFITS
Outside Back Cover (OBC)	4,000	()	Company logo will appear in the Acknowledgement Page in both IEM Dinner Programme Book and JURUTERA August 2023
Inside Front Cover (IFC)	3,500	()	
Inside Back Cover (IBC)	3,200	()	
Page 1	3,000	()	
Facing Chairman's Message	2,800	()	
Facing President's Message	2,800	()	
Facing Inside Back Cover	2,800	()	
Facing Past Presidents List	3,000	()	
Run-On-Page (ROP)	1,900	()	
Double Page Spread (DPS)	4,500	()	

Remarks:

- Space availability is subject to booking on first-come-first-served basis
- Prices shown above exclude 15% Advertising Agency commission
- Please note that the above prices will be subjected to SST
- Any cancellation after signing the Advertising Contract will result in a 50% penalty charge
- Payment term: 14 days upon invoicing

Name of Company:

Date:

Company Stamp & Authorized Signature:

Contact Person(s):

Email Address:

For advertising enquiries, please contact:



MAJLIS BAGI SESI 2023/2024 (IEM COUNCIL SESSION 2023/2024)

YANG DIPERTUA / PRESIDENT

Ir. Prof. Dr Norlida bt Buniamin

TIMBALAN YANG DIPERTUA / DEPUTY PRESIDENT

Ir. Prof. Dr Jeffrey Chiang Choong Luin

NAIB YANG DIPERTUA / VICE PRESIDENTS

Ir. Mohd Khir bin Muhammad, Ir. Prof. Dr Tan Chee Fai, Ir. Abdul Razak bin Yakob, Ir. Yau Chau Fong, Ir. Dr Siti Hawa binti Hamzah, Ir. Fam Yew Hin, Ir. Chen Harn Shean

SETIAUSAHA KEHORMAT / HONORARY SECRETARY

Ir. Prof. Dr Zuhaina binti Zakaria

BENDAHARI KEHORMAT / HONORARY TREASURER

Ir. Assoc. Prof. Dr David Chuah Joon Huang

BEKAS YANG DIPERTUA TERAKHIR / IMMEDIATE PAST PRESIDENT

Ir. Ong Ching Loon

BEKAS YANG DIPERTUA / PAST PRESIDENTS

Y.Bhg. Academician Tan Sri Datuk Ir. (Dr) Ahmad Zaidee bin Laidin, Y.Bhg. Dato' Paduka Ir. Hj. (Dr) Keizrul bin Abdullah, Y.Bhg. Academician Tan Sri Dato' Ir. Prof. Dr Chuah Hean Teik, Y.Bhg. Dato' Ir. Lim Chow Hock, Ir. Dr Tan Yean Chin

WAKIL AWAM / CIVIL REPRESENTATIVE

Ir. Tu Yong Eng

WAKIL MEKANIKAL / MECHANICAL REPRESENTATIVE

Ir. Ng Yong Kong

WAKIL ELEKTRIK / ELECTRICAL REPRESENTATIVE

Ir. Mohd. Aman bin Hj. Idris

WAKIL STRUKTUR / STRUCTURAL REPRESENTATIVE

Ir. Dr Tan Kuang Leong

WAKIL KIMIA / CHEMICAL REPRESENTATIVE

Ir. Dr Chong Chien Hwa

WAKIL LAIN-LAIN DISPLIN / REPRESENTATIVE TO OTHER DISCIPLINES

Ir. Assoc. Prof. Dr Wong Yew Hoong

WAKIL MULTIMEDIA DAN ICT / ICT AND MULTIMEDIA REPRESENTATIVE

Ir. Assoc. Prof. Dr Lai Khin Wee

WAKIL JURUTERA WANITA / WOMEN ENGINEERS REPRESENTATIVE

Ir. Noorfaizah binti Hamzah

WAKIL BAHAGIAN JURUTERA SISWAZAH / YOUNG ENGINEERS SECTION REPRESENTATIVES

Mr. Muhammad Ashiq Marecan bin Hamid Marecan, Mr. Lim Yiren, Mr. Darshan a/l Balasubramaniam, Mr. Ooi Wei Chien, Ms. Ong Ye Shian

AHLI MAJLIS / COUNCIL MEMBERS

Ir. Dr Vigna Kumaran a/l Ramachandaramurthy (casual vacancy for Ir. Dr Siti Hawa binti Hamzah for 1 session), Ir. Assoc. Prof. Lee Tin Sin, Ir. Mah Way Sheng, Ir. Sreedaran Raman, Ir. Lee Cheng Pay, Ir. Dr Kannan a/l M. Munisamy, Ir. Dr Siow Chun Lim, Ir. Wong Chee Fui, Ir. Dr Hum Yan Chai, Ir. Tiong Ngo Pu, Ir. Rusnida binti Talib, Ir. Prof. Dr Lau Hieng Ho, Ir. Muhammad Azmi bin Ayub, Ir. Arul Hisham bin Abdul Rahim (casual vacancy for Ir. Fam Yew Hin - for 2 sessions), Ir. Razmahwata bin Mohd Razalli, Ir. Simon Yeong Chin Chow, Ir. Dr Chan Seong Phun, Ir. Yam Teong Sian, Ir. Kwok Yew Hoe, Ir. Dr Lee Choo Yong, Ir. Sharifah Azlina binti Raja Kamal Pasmah, Ir. Ts. Dr Wan Syakirah binti Wan Abdullah, Ir. Dr Mui Kai Yin, Ir. Shamil bin Abu Hassan, Ir. Wan Rizaluddin Abdullah bin Wan Ali, Ir. Prof. Dr Lam Wei Haur (casual vacancy for Ir. Prof. Dr Zuhaina bt Zakaria for 3 sessions)

AHLI MAJLIS / COUNCIL MEMBERS BY INVITATION

Ir. Lai Sze Ching, Ir. Gopal Narian Kutty, Y.Bhg. Dato' Prof. Ir. Dr Mohd Hamdi bin Abd Shukur

PENGERUSI CAWANGAN / BRANCH CHAIRMAN

1. Pulau Pinang: Ir. Chan Wah Cheong
2. Selatan: Ir. Thayala Rajah s/o Selvaduray
3. Perak: Ir. Assoc. Prof. Dr Nursyarizal bin Mohd Nor
4. Pahang: Ir. Ab Rahman bin Hashim
5. Kedah-Perlis: Ir. Roshasmawi bin Abdul Wahab
6. Negeri Sembilan: Ir. Shahrin Amri bin Jahari
7. Kelantan: Ir. Abrizan bin Abdul Kadir
8. Terengganu: Ir. Mazlan bin Che Ku Ahmad
9. Melaka: Ir. Ong Yee Pinn
10. Sarawak: Ir. Sim Hui Kheng, Stephanie
11. Sabah: Ir. Chin Tet Fu, Willy
12. Miri: Ir. Chong Boon Hui

AHLI JAWATANKUASA INFORMASI DAN PENERBITAN/

STANDING COMMITTEE ON INFORMATION AND PUBLICATIONS 2023/2024

Pengerusi/Chairman: Ir. Abdul Razak bin Yakob

Naib Pengerusi/Vice Chairman: Ir. Dr Siow Chun Lim

Setiausaha/Secretary: Ir. Dr Hum Yan Chai

Ketua Pengarang/Chief Editor: Ir. Abdul Razak bin Yakob

Pengarang Prinsipal Buletin/ Principal Bulletin Editor: Ir. Razmahwata bin Mohamad Razalli

Pengarang Prinsipal Jurnal/Principal Journal Editor: Ir. Dr Teo Fang Yenn

Pengerusi Aplikasi Mudah Alih IEMGo/IEMGo Mobile Application Chairman:

Ir. Dr Bhuvendhra Rudrusamy

Pengerusi Laman Web/Web Portal Chairman: Ir. Abdul Razak bin Yakob

Naib Pengerusi Laman Web/Web Portal Vice Chairman: Mr. Alex Looi Tink Huey

Pengerusi Penglibatan Ahli/Members Engagement Chairperson: Ir. Rusnida binti Talib

Pengerusi Pusat Sumber/Resource Centre Chairman: Ir. Dr Kannan a/l M. Munisamy

Ahli-Ahli/Committee Members: Ir. Ong Guan Hock, Ir. Lee Chang Quan, Ir. Lau Tai Onn, Ir. Dr Oh

Seong Por, Ir. Yee Thien Seng, Ir. Dr Lee Choo Yong, Ir. Ts. Dr Tan Kim Seah, Ir. Assoc. Prof. Dr Lee

Tin Sin, Ir. Dr Siti Hawa binti Hamzah, Dr Sudharshan N. Raman, Ms. Michelle Lau Chui Chui

Secretariat: Janet Lim, Nurul Aida binti Mustafa, Nur Illyarnie binti Rosman

THE INSTITUTION OF ENGINEERS, MALAYSIA

Bangunan Ingenieur, Lots 60 & 62, Jalan 52/4, P.O. Box 223, (Jalan Sultan),
46720 Petaling Jaya, Selangor Darul Ehsan.

Tel: 603-7968 4001/4002 Fax: 603-7957 7678

E-mail: sec@iem.org.my Homepage: <http://www.myiem.org.my>

Contents

Cover Note

05

& Editor's Note

06 - 12

Cover Story

64th Presidential Address

Continuing the Pursuit for Sustainability

16 - 22

Feature

IEM Turns 64

23 - 32

Forums

Women Engineers Section at Conference of ASEAN
Federation of Engineering Organisations

IEM X ESUM YES Open Day 2023

Revolutionising the Engineering and ACMV & R Industry
in Malaysia and ASEAN

35 - 38

News from Branch

IEM Kelantan Branch - 11th AGM & 2nd Annual Dinner

IEM Penang Branch - 55th Annual Dinner

41

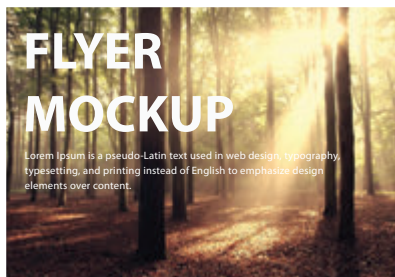
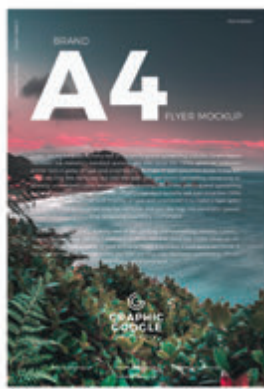
Pink Page

42 - 43

Blue Page

Print Service Special Promotion

Flyer / Leaflet
Art Paper (Full Color)



A4

105gsm

500pcs

RM **130**

1000pcs

RM **160**

128gsm

500pcs

RM **160**

1000pcs

RM **190**

A5

105gsm

500pcs

RM **100**

1000pcs

RM **130**

128gsm

500pcs

RM **130**

1000pcs

RM **160**

- Annual Reports
- Booklets
- Brochures
- Bunting
- Business Cards

- CD / DVD Replications
- Calendars
- Cards & Invitations
- Certificates
- Custom Printings

- Envelopes
- Folders
- NCR Bill Books
- Notepads
- Leaflets

- Letterheads
- Paper Bags
- Posters
- Stickers
- Others



dimensionpublishing
The Choice of Professionals

Authorised Publisher: The Institution of Engineers, Malaysia (IEM) - JURUTERA

**For other quantity and material,
please contact:**



Joseph How **(+6) 011 1234 8181**
Shirley Tham **(+6) 016 283 3013**



DIMENSION PUBLISHING SDN. BHD. [199701034233 (449732-T)]

Level 18-01-02, PJX-HM Shah Tower, No. 16A, Persiaran Barat,
46050 Petaling Jaya, Selangor Darul Ehsan, Malaysia.
Tel: +(603) 7493 1049 Fax: +(603) 7493 1047
E-mail: info@dimensionpublishing.com
Website: www.dimensionpublishing.com

CHAIRMAN
ROBERT MEBRUER

CEO/PUBLISHER
PATRICK LEUNG

GENERAL MANAGER
SHIRLEY THAM • shirley@dimensionpublishing.com

HEAD OF MARKETING & BUSINESS DEVELOPMENT
JOSEPH HOW • joseph@dimensionpublishing.com

PRODUCTION EDITOR
TAN BEE HONG • bee@dimensionpublishing.com

CONTRIBUTING WRITERS
PUTRI ZANINA • putri@dimensionpublishing.com
HANNA SHEIKH MOKHTAR • hanna@dimensionpublishing.com

SENIOR GRAPHIC DESIGNER
SOFIA HANIS • sofia@dimensionpublishing.com

GRAPHIC DESIGNER
NICOLE THENG • nicole@dimensionpublishing.com

ADVERTISING CONSULTANTS
THAM CHOON KIT • ckit@dimensionpublishing.com

ACCOUNTS CUM ADMIN EXECUTIVE
YEN YIN • yenyin@dimensionpublishing.com

For advertisement placements and subscriptions, please contact:

DIMENSION PUBLISHING SDN. BHD. [199701034233 (449732-T)]
Level 18-01-02, PJX-HM Shah Tower, No.16A, Persiaran Barat,
46050 Petaling Jaya, Selangor Darul Ehsan, Malaysia.
Tel: +(603) 7493 1049 Fax: +(603) 7493 1047
E-mail: info@dimensionpublishing.com

Subscription Department
E-mail: info@dimensionpublishing.com

JURUTERA is published and printed monthly by
Dimension Publishing Sdn. Bhd.

JURUTERA MONTHLY CIRCULATION: OVER 50,000 MEMBERS

Submission or placement of articles in JURUTERA could be made to the:-

Chief Editor
THE INSTITUTION OF ENGINEERS, MALAYSIA (IEM)
Bangunan Ingenieur, Lots 60 & 62,
Jalan 52/4, P.O. Box 223 (Jalan Sultan),
46720 Petaling Jaya, Selangor.
Tel: +(603) 7968 4001/4002 Fax: +(603) 7957 7678
E-mail: pub@iem.org.my or sec@iem.org.my
IEM Website: <http://www.myiem.org.my>

© 2020, The Institution of Engineers, Malaysia (IEM) and
Dimension Publishing Sdn. Bhd.

PUBLICATION DISCLAIMER

The publication has been compiled by both IEM and Dimension with great care and they disclaim any duty to investigate any products, process, services, designs and the like which may be described in this publication. The appearance of any information in this publication does not necessarily constitute endorsement by IEM and Dimension. There is no guarantee that the information in this publication is free from errors. IEM and Dimension do not necessarily agree with the statement or the opinion expressed in this publication.

COPYRIGHT

JURUTERA Bulletin of IEM is the official magazine of The Institution of Engineers, Malaysia (IEM) and is published by Dimension Publishing Sdn. Bhd. The Institution and the Publisher retain the copyright over all materials published in the magazine.

No part of this magazine may be reproduced and transmitted in any form or stored in any retrieval system of any nature without the prior written permission of IEM and the Publisher.



by Ir. Abdul Razak bin Yakob
Chief Editor

COVER NOTE

Salam and Hello All IEMers,

I am thrilled to present the May issue of *JURUTERA*, which is always a special one for us at the Editorial Board. As you all know, April is the month when we hold the AGM and Annual Dinner, but this year, the annual dinner has been postponed to accommodate Ramadan. Don't miss out on the opportunity to

get acquainted with fellow members at the annual dinner on 15th July 2023.

For the past two years, we have been engaged in discussions about sustainability across all engineering disciplines. This year, we intend to continue this conversation with even more energy and fervour. Sustainability is an essential topic that has become an integral part of our daily lives, both professionally and personally.

Congratulations to all the new office bearers. As Council members, it is our responsibility to ensure we take care of our members, the people who have voted for our leadership and who believe we can bring great things to the institution and its members. Let's take this responsibility seriously and provide our services with the utmost kindness and to the best of our abilities.

We hope you enjoy this special issue and continue to engineer our country to greater heights! ■

EDITOR'S NOTE

Embracing Sustainability

April showers bring May flowers. Well, this is not to say we have all had to endure prolonged difficult periods but rather it's to highlight the significance of the April-May period as there are changes in IEM Council Members. At the Annual General Meeting on 15th April 2023, members voted in new Council Members and thanked the outgoing/retiring Council Members. With new faces, we can expect new energy and enthusiasm, right?

Anyway, read on to follow through the thought process of the IEM President who has emphasised the importance of IEM in addressing the issue of sustainability of the institution.

Meanwhile, I am salivating at the thought of the many delicious dishes to be expected at Hari Raya Open Houses happening in the month of May. ■



by Ir. Dr. Siow Chun Lim
Principal Bulletin Editor



64th Presidential Address

Ir. Prof. Dr Norlida binti Bunyamin
Session 2023/2024



Continuing the Pursuit for Sustainability

Respected Past Presidents, Immediate Past President, Deputy President, Vice Presidents, Council Members and Fellow Engineers.

A very good morning to everyone attending the Annual General Meeting physically as well as online. Thank you for taking the time off this Saturday morning to join us for the 64th AGM of IEM.

It seemed like only yesterday when I stood here to receive the chain of office from my predecessor, Ir. Ong Ching Loon. Once again, I express my

sincere gratitude to the IEM Council for electing me to the office of the President of IEM and for its support, trust and confidence in me. It is truly an honour and I shall continue to carry out this honorable responsibility with utmost care and diligence.

The last 12 months had been both eventful and challenging for me as I endeavoured to balance the responsibility and roles when carrying out my duties. The position of the President of IEM is not that simple. It requires a lot of time and

commitment. I had been kept rather busy the last 12 months as, I was involved in many types of events and activities to carry IEM's flag.

My Fellow Engineers,

In my Presidential Address last year, I talked about my pledge to make IEM an Institution that is respected, consulted and served its members.

During the last session, I proceeded to get IEM's voice heard by engaging with various Ministries and government agencies as well as

participated in meetings with other professional organisations. With this engagement, we are now actively involved in a number of initiatives aimed at enhancing the economic recovery of the country. The Malaysia Productivity Corporation (MPC) has arranged engagement with stakeholders via the Construction & Built Environment Productivity Nexus (COBEPN) Governing Committee Strategic Session, an initiative aimed at improving or enhancing the efficiency of construction projects for earlier completion.

We also participated in, to name a few activities, the Bengkel Perincian Pelan Tindakan & Sasaran di Bawah Pelan Hala Tuju Teknologi Bahan Termaju Negara organised by MOSTI, the China-ASEAN Roundtable on Mutual Recognition of Engineers and the E-20 meeting in Bali held in conjunction with the G20 meeting. However, we will need to put in more effort to work and participate in inter-society initiatives as IEM continues to get recognition for its expertise and knowledge. In this respect, I wish to thank the Deputy President, Ir. Prof. Dr Jeffrey Chiang, all the Vice-Presidents and the Hon. Secretary, who had to sometimes stand in for me as the number of invitations started to grow.

IEM has also taken over the chairmanship of the Building Industry Presidents Council (BIPC) for this session and we will be working with all its members, namely ACEM, REHDA, MBAM, PAM, RISM and MIP, for the betterment of the engineering industry.

My Fellow Engineers,

In order to better serve our members, we have embarked on creating more opportunities for them. As reported in my Presidential Address last year, we have been in close communication with MATRADE to look into grants and schemes that can enable our members to promote their businesses or expertise abroad. We will assist our members to participate in overseas trade fairs with minimum financial impact but with grants and schemes



A family photo with the Past Presidents. From Left – Vice President Dato' Ir. Ahmad Murad, Ir. Dr Tan Yean Chin, Dato' Paduka Ir. Hj Keizrul Abdullah, Datuk Ir. Prof. Em Dr Ow Chee Sheng, Academician Tan Sri Ir. Prof. Em Dr Chuah Hean Teik, Dato' Ir. Lim Chow Hock and Prof. Norlida

from the government. Last year, IEM successfully brought its members to participate in two international exhibitions – the Malaysia Pavilion in Manila (The Philippines) and Phnom Penh (Cambodia).

We are seeking greater support from MATRADE to enable more of our members from SMEs to join us later this year in The Philippines and Bali, Indonesia. With the grant, exhibitors will be reimbursed for expenses incurred in joining the exhibition through the SDG or MDG which amounts to about RM20,000 per company. A few exhibitors have successfully received jobs or contracts at these exhibitions. We have also arranged for trade commissioners from MATRADE to meet our exhibitors to share information on opportunities available. Do keep a look-out for announcements on 2023 exhibition events on our website or via social media platforms.

In addition to creating opportunities for export of products and services, we have nearly completed our mission to become an Authorised Member of the International Engineering Technologists Agreement (IETA) and the Agreement for International Engineering Technicians (AIET). We are ready for the review to be

carried out sometime at the end of this year. Upon our successful admission as Authorised Members, engineering technologists and engineering technicians registered with IEM will be recognised in all countries which have signed the 2 agreements. IETA signatories include Canada, Hong Kong, Ireland, New Zealand, South Africa, United Kingdom and Australia while the AIET signatories included Canada, Ireland, Australia, New Zealand, South Africa and United Kingdom. With this network, engineering technologists and technicians will have more opportunities open to them internationally.

Last year, IEM also agreed to join the FEIAP Graduate Engineering Personnel Register. With this participation, all Graduate Members of IEM are entitled to carry a post nominal of FEIAP Grad Eng, which is recognised in all FEIAP member countries. FEIAP comprises 24 member economies from countries in Asia Pacific and this will be a big market of opportunities for our young engineers to spread their wings.

My Fellow Engineers,

Besides continuing with my initiative to ensure IEM is respected, consulted and can serve our members, I will

Introductory Rate for New Advertisers

RM 3,200^{*}/page (NP RM4,900)

Full-Page, Full-Colour Advertisement

- This one-time-only special rate offer is for new advertisers.
- Space availability is subject to booking on a first-come-first-served basis.
- Clients will provide ready-to-print artwork in PDF format with 300dpi.
Full page: 210mm x 285mm, 5mm extra bleed sizes for 4-sided with crop mark.
- Advertising space must be utilised before 30 June 2023.
- *Please note that the above rate will be subjected to 6% SST. For overseas advertisers, an additional 25% will be charged.
- Rate shown above excludes 15% advertising agency commission.
- Payment term: Full advance payment.
- Artwork submission deadline is on (or before) the 1st week of the prior month of publication.
- After the material deadline, no cancellation or alteration to the advertisement will be entertained.
- Any cancellation after signing the advertising order will result in a 50% penalty charge.
- The publisher reserves the right to edit, revise or reject any advertisement deemed unsuitable or inappropriate.

Circulation & Readership Profile

JURUTERA has an estimated readership of 200,000 professionals. Our esteemed readership consists of certified engineers, decision making corporate leaders, CEOs, government officials, project directors, entrepreneurs, project consultants, engineering consulting firms and companies involved with engineering products and services.

Name of Company: _____

Address: _____

Tel: _____ Fax: _____ Contact Person (s): _____

Email Address: _____

Publication month/s: _____

Company's Stamp & Authorised Signature

Date

For enquiries, please contact:



dimensionpublishing
The Choice of Professionals

Authorised Publisher: The Institution of Engineers, Malaysia (IEM) - JURUTERA

Dimension Publishing Sdn Bhd [199701034233 (449732-T)]

📍 Level 18-01-02, PJX-HM Shah Tower,
No. 16A, Persiaran Barat, 46050 Petaling Jaya,
Selangor Darul Ehsan, Malaysia.

☎ +603 7493 1049

☎ +603 7493 1047

✉ info@dimensionpublishing.com

👤 Joseph How : +6011 1234 8181
Shirley Tham : +6016 283 3013



Prof. Norlida with Ir. Prof. Dr Zuhaina Zakaria who had been re-elected as Honorary Secretary

also continue to pursue the issue of sustainability of IEM. Sustainability covers a very wide scope and where IEM is concerned, we should be looking at supporting the sustainability of the industry and the country. However, before we can do that, we need to ensure that IEM is sustainable. We need to strengthen ourselves first before we can become the pillars to support the industry and the country.

Sustainability of IEM

In terms of sustainability of IEM, we need to look at sustainability of membership and sustainability of income.

1. Sustainability of Membership

In 2012, Ir. Vincent Chen selected the theme, Vision 100K, for his Presidential Address. He put forward a KRA for us to achieve 100K membership by 2020. Membership at that time was 26,966. We worked very hard in the last 10 years, with many initiatives, including the introduction of 2 new categories of membership to cater to the growing numbers of engineering technologists and engineering technicians in the country. However, we only managed to achieve 48,314 membership as of 1 March 2023.

If you take look at the statistics in the annual report, you will notice

that we did manage to achieve 53,894 membership in March 2020 but then we were hit by the global COVID-19 pandemic. We could not continue with our membership drive programmes for 2 years and, due to the economic situation, we lost 3,401 members in 2020 and 3,036 members in 2021 due to non-payment of subscriptions while 40 resigned in 2020 and 108 in 2021. Student membership also dropped 20% in 2020 compared to 2019. Recruitment activities slowed down in the last 2 years as the Secretariat could not go to universities to promote IEM membership.

We hope that when we become full signatories of the Technologists and Technicians' Agreements, our membership will increase rapidly beginning 2024.

My Fellow Engineers,

For IEM to be respected and consulted means ensuring our voice is heard. We need to be acknowledged as representing the engineering profession. For this, we need to have a huge membership base. To achieve a huge membership base, we need to be strong and be heard. We need engineering personnel to acknowledge that IEM is relevant and is able to represent them.

We have conducted surveys, either via IEM in general or via the Young Engineers Section to solicit feedback from existing members as well as those who have resigned or have not paid their membership subscriptions. From the preliminary analysis, we find that:

1. we need to look at getting more graduate engineers to join IEM.
2. we need to enhance or improve IEM's visibility.

To encourage more graduate engineers to come into our fold, we need to study and analyse what they are looking for. I would say that their priority will be, first and foremost, career enhancement. We need to show them what we can offer. As mentioned earlier, we are working very hard to enable Graduate

Members to gain recognition via our participation or involvement in the international arena. The FEIAP Grad Eng is one such recognition which will enable our Graduate Members to expand their horizon. This issue of membership growth is a top priority in the IEM Strategic Plan Committee's discussions, where the focus will be on membership retention and membership recruitment.

2. Sustainability of Income

The office bearers of IEM have long realised that IEM is very much dependent on subscriptions. In fact, tracing back past records to 1986, membership subscriptions accounted for 59% of our total income; today, it is still about 61% of our total income. At one point (1988-1996), subscriptions were 75% to 79% of total income.

In the last 35 years, our office bearers had worked very hard to keep the subscription proportion low so as to be more sustainable. With the purchase of Wisma IEM in 2007 and an increase in activities organised by IEM, we have managed to push the proportion back to around 60%. Wisma IEM has 3 tenants presently and we are trying more marketing strategies to generate rental income from the auditoriums and other rooms. We hope that with the economy slowly recovering, our efforts will be productive.

We also need more concerted efforts to diversify our income source. Thanks to our Immediate Past President, Ir. Ong Ching Loon, a new income source was introduced last year, the annual ENGINEER exhibition, which will bring to our coffers a steady income of at least RM200,000 per year. ENGINEER is being improved continuously to be the "annual go-to Engineering Exhibition" to generate more income for IEM. In negotiations with our partner, CIS Network, the sustainability of the IEM Branches was also considered. There is a supplementary agreement where the Branches will be entitled to a 10%

commission from exhibitors which they introduce to take up booths at the exhibition. I hope the Branches will take this opportunity to generate some income for their financial sustainability.

My Fellow Engineers,

We have also further intensified our initiatives to create more income sources. The IEM Training Academy Sdn. Bhd. (IEMTA), the commercial arm of IEM, is steadily nurturing its certification courses; although it is not really profitable now and is barely in the black, we are stepping up efforts to look into more avenues of generating income. We are exploring other opportunities of providing certification programmes and various seminar/webinar series for both national and international participants.

We are also looking into a new income stream called Video on Demand which entails posting the recording of talks by invited experts on IEM's YouTube Channel. Engineers who wish to listen to the talks can then subscribe to the online video. Our IT infrastructure is ready and we will be identifying suitable talks to be posted online once we receive the approval from the respective speakers.

Besides strengthening IEM financially for members' benefit, we are approaching companies/individuals to support the IEM Education Fund. Scholarships can be created jointly with the company/individual for students undertaking engineering degree programmes. To give you an update further to the presentation by the Honorary Treasurer, the IEM Education Fund currently has 5 scholarships, of which 2 are specific sums donated for specific scholarships while the remaining 3 are ad hoc donations from members. Scholarship quantum is RM6,000 per annum with the exception of one Presidential Scholarship which is worth RM10,000 per annum. Since the scholarships were started in 1989, IEM had given out a total of RM844,765 to needy

students undertaking engineering degree programmes. Last year, we initiated Corporate Sponsorship to jointly offer scholarships for engineering students and we were extremely happy to receive the first offer with an indication of RM300,000. We are now in the process of finalising the detailed criteria for selection of recipients. We hope to receive more offers for the scheme.

My Fellow Engineers,

With IEM growing financially stronger, we will be able to provide more benefits to our members, improve our facilities to better serve our members and undertake initiatives which can help them to grow. Only then can we remain relevant to the engineering industry and attract more engineering personnel to join IEM.

With the cooperation and support from all, IEM will not only be sustainable but we will also be a strong voice for the engineers.

My Fellow Engineers

Besides looking into a sustainable future for IEM, we ought to also lend our hand and support for the sustainable growth of the country. To do this, not only do we need to improve and enhance our knowledge and capabilities to ensure that the structures we build and the products we design or manufacture, will contribute to the sustainability of the country but we also need to assist in providing opportunities for individuals and communities to improve their capabilities and way of life. The IEM mission is:

1. To promote sound professional engineering practice in support of the socio-economic development objectives of the nation.
2. To service the needs and interests of its members and the public and to uphold the social standing and image of the profession.
3. To contribute towards nation building and to strive to enhance society's consciousness of science and technology.

To serve the interest of the public and to uphold the social standing and image of the engineering profession are missions that IEM must undertake during this post-pandemic period.

Sustainability of IEM and the country is the interest and responsibility of IEM. We need to not only be part of the technology advancement and development of Malaysia but we must also use engineering knowledge sciences and our abilities to technically help those in need. Many Malaysians need the help of technology to have a better life, especially those in rural areas and those who are not well off.

One of the UNESCO Universal Values and Principle Two is "Leave No One Behind (LNOB)" which is the central, transformative promise of the 2030 Agenda for Sustainable Development and its Sustainable Development Goals (SDGs). It represents the unequivocal commitment of all UN Member States to eradicate poverty in all its forms, to end discrimination and exclusion as well as to reduce the inequalities and vulnerabilities which leave people behind and undermine the potential of individuals and of humanity as a whole.

Let us not leave any Malaysian behind; if we can help those in need to live a better life by harnessing sustainable resources and using engineering knowledge and sciences, let's do it. Our young engineers and women engineers sections have always been actively supporting CSR initiatives.

As part of sustainability, we should use our knowledge to bring less fortunate individuals and communities to our level or to be successful like us and to be able to enjoy life like us. I would like to invite everyone, especially the younger generation, to dedicate time to help provide opportunities for others as we move up our ladder of success.

I am now working on CSR activities in collaboration with other organisations. The first was held recently in collaboration with



A group photo with the volunteers and villagers of Kg Orang Asli at Bukit Tampoi, Dengkil

Setia Foundation at the Orang Asli settlements in Kg Bukit Tampoi and Kg Bukit Dugang in Dengkil. During our visit, we found that the community hall was in a dilapidated state and the school needed upgrading. The aim of such collaborations is to provide opportunities for Graduate Members to contribute to the community through using their own engineering expertise. Not only are we helping others in need but we are also using the opportunity to sharpen both our technical and communication skills when we work together with others of different education levels or professional backgrounds. We will then be seen as Engineers in Community, helping to elevate the lives of others.

The next programme lined up is for Asnaf communities in Kuala Lumpur and Selangor, followed by another in Kota Kinabalu, Sabah. We will be enlisting members from the Branches to join us in these programmes.

During a recent courtesy call on the office of the Deputy Prime Minister to present the AFEO Distinguished Honorary Fellow award, we also discussed the issue of CSR activities

in Sarawak. I have initiated a meeting with IEM Sarawak Branch as well as UNIMAS where we will be putting up a proposal to help villagers in Sarawak increase productivity of the Industri Kampung so that products can be sold outside of their village as this will help generate more income for them. We will also be proposing alternative energy sources or rainwater harvesting in rural areas to help improve their way of life.

It may be a tall order but we need to start somewhere in order to reach our goals. Even with putting in a lot of effort now, we may not be able to achieve our goals fully but if we do not put in any effort, we will never achieve it.

We need engineers to come forward and join us to serve society and to put our knowledge to good use for all. I hope that in the future, IEM will be known as an organisation that provides CSR activities to help the public harness engineering knowledge and thus, leaving no Malaysian behind on our journey to becoming a fully developed nation.

Those interested to join us in our initiatives may reach out to the IEM Secretariat.

Conclusion

My Fellow Engineers, Ladies and Gentlemen,

IEM is 64 years old. Next year, we will celebrate our Blue Sapphire Anniversary and I hope that by then, I can report to you the success of our initiatives for a better, sustainable future for IEM.

I would like to take this opportunity to once again thank the IEM Council for its support in the last year and I will work even harder this year to achieve my pledge. To the IEM members present today, thank you again for joining us and we look forward to your support for our initiatives.

To all Muslim members, Selamat Hari Raya. ■

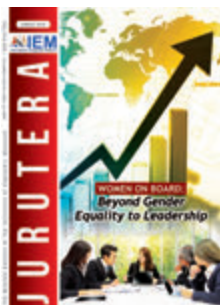
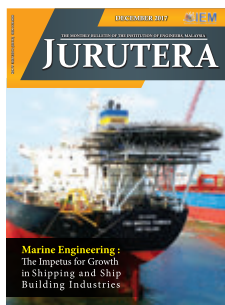
Thank you.

Ir. Prof. Dr Norlida binti Buniyamin

IEM President

Session 2022/2024

Advertise with us!



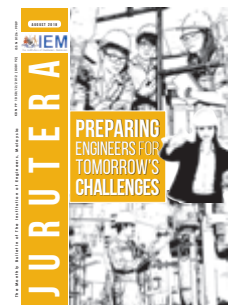
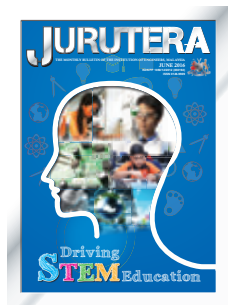
KDN PP 1050/12/2012 (030192) ISSN 0126-9008

IEM
The Institution of Engineers, Malaysia

jurutera

Fire Safety Management

JANUARY 2020 THE MONTHLY BULLETIN OF THE INSTITUTION OF ENGINEERS, MALAYSIA



For advertisement placements and subscriptions, please contact:

Dimension Publishing Sdn. Bhd. [199701034233 (449732-T)]

☎ +603-7493 1049

✉ info@dimensionpublishing.com



For advertising enquiries, please contact:



dimensionpublishing

The Choice of Professionals

Dimension Publishing Sdn. Bhd.

[199701034233 (449732-T)]



Level 18-01-02, PJX-HM Shah Tower,
No. 16A, Persiaran Barat,
46050 Petaling Jaya,
Selangor Darul Ehsan, Malaysia.



+603 7493 1049



+603 7493 1047



Joseph How : +6011 1234 8181
Shirley Tham : +6016 283 3013



info@dimensionpublishing.com

JURUTERA

Circulation and Readership Profile

JURUTERA has an estimated readership of **200,000** professionals. Our esteemed readership consists of certified engineers, decision making corporate leaders, CEOs, government officials, project directors, entrepreneurs, project consultants, engineering consulting firms and companies involved with engineering products and services.

Advertising Benefits

Our business partners can be assured that their products and services will be given the circulation and exposure they deserve, thus maintaining a sustained advertising presence to our core readers of decision-making engineers and technical experts. Our website offers an even wider market reach, with added international presence, aided by our international affiliation with official engineering bodies all over the world. Our online and offline advertising features such as banner advertising, article sponsorship and direct e-mail announcements have proven to be successful marketing strategies that will set the businesses of our partners apart from their competition.

ADVERTISING RATES

PRICES PER INSERTION IN RINGGIT MALAYSIA (RM)

SPECIFIED POSITION (Full Colour Ad)	1 INSERTION	3 INSERTIONS	6 INSERTIONS	9 INSERTIONS	12 INSERTIONS
Outside Back Cover (OBC)	7,800	7,050	6,750	6,450	6,150
Inside Front Cover (IFC)	7,250	6,650	6,350	6,050	5,750
Inside Back Cover (IBC)	6,750	6,250	5,950	5,650	5,350
Page 1	6,650	6,150	5,850	5,550	5,250
Facing Inside Back Cover (FIBC)	6,150	5,850	5,550	5,250	4,950
Facing Cover Note (FCN)	5,850	5,300	5,100	4,900	4,700
Facing Contents Page (FCP)	5,700	5,150	4,950	4,750	4,550
Centre Spread	11,200	9,500	9,000	8,500	8,000
ROP Full Page	4,900	4,500	4,300	4,100	3,900
ROP Half Page	2,900	2,650	2,550	2,450	2,350
ROP 1/3 Column	2,200	2,000	1,900	1,850	1,800
ROP 1/4 Page	1,950	1,750	1,650	1,600	1,550

Special Position: +15%
 Overseas Advertiser: +25% (Full Advance Payment Required)
 All prices shown above exclude Computer to Plate (CTP) charges

*Please note that the above prices will be subjected to SST
 *Advertising rates displayed do not include 15% advertising agency commission

IEM Turns 64

It was a bright sunny morning on 15th April 2023 when The Institution of Engineers, Malaysia (IEM) welcomes the start of its 64th anniversary since formation in 1959.

For the first time, the 64th Annual General Meeting (AGM) was arranged in a fully hybrid mode. Members may opt to attend the AGM either physically or virtually. A total of 162 members registered for physical attendance while 862 registered for virtual attendance. Actual number of members who attended the AGM was 834 where 94 attended physically and 740 attended online.

Having arranged the last three AGMs via hybrid mode with only Council members attending physically, IEM Secretariat was well-equipped to handle the arrangement. Members attending physically were in general seated at the Malakoff Auditorium and Tan Sri Chin Fung Kee Auditorium. Communication with the members attending online also went smoothly and questions posed orally as well as via the chat box was well managed by the Honorary Secretary.

The AGM commenced promptly at 9.00 a.m. when quorum was achieved. The President, Ir. Prof. Dr Norlida Buniyamin presented a report on her activities during the past session where she endeavoured to have IEM's voice heard. The President, Vice Presidents and Honorary Secretary attended a number of meetings with government agencies and departments to convey the opinion of IEM on many current issues which affected the engineering industry. The President also attended the IEA meeting in Ireland to present the IEM application for Authorised Membership of IETA (International Engineering Technologists Agreement) and AIET (Agreement for International Engineering Technicians). IEM had also taken over the chairmanship of the Building Industry President's Council for session 2023/2024.



64th IEM Annual General Meeting in session

The Honorary Secretary, Ir. Prof. Dr Zuhaina Zakaria then presented her report on the affairs of the Institution over the last session. The AGM was informed that IEM had published the Guidelines for Control and Prevention of Dengue which is currently being circulated to various government agencies and city councils for consideration on implementation. Prof. Zuhaina further reported to the AGM that the following staff had been promoted:

Ms. Sarita Kaur	Promoted to Deputy Chief Operations Officer
Ms. Valli Saminathan	Promoted to Manager
Cik Farezah binti Junaidi	Promoted to Senior Executive
Cik Norshafiqah binti Sha'ari	Promoted to Senior Executive
Cik Noor Afzan binti Che Ab Azizi	Promoted to Senior Executive
En. Adam Sofri bin Muhd Sharum	Promoted to Senior Executive

She also announced that the following staff had completed ten (10) years of service with IEM.



Puan Mirdeeliani
binti Amir



Cik Farezah
binti Junaidi



Cik Norshafiqah
binti Sha'ari

On the financial side, the Honorary Treasurer, Ir. Dr Lee Yun Fook reported that IEM had performed better than last year generating a surplus of RM395,466. The AGM was informed that IEM generated RM200,000 income from the inaugural ENGINEER exhibition which was held in March last year.

Ir. Dr Lee further informed that the Education Fund received RM30,416 in donations from members last year. Scholarships disbursed during the year was reported at RM43,875.

Y.Bhg. Dato' Paduka Ir. Hj. Keizrul bin Abdullah, the IEM Election Officer then announced the winners of the various positions in the Council for session 2023/2024 as tabulated in the list below.

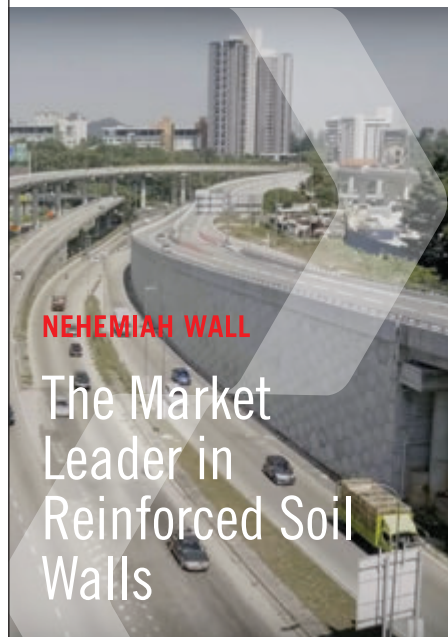
Vice Presidents	Ir. Yau Chau Fong Ir. Dr Siti Hawa binti Hamzah Ir. Fam Yew Hin Ir. Chen Harn Shean
Honorary Secretary	Ir. Prof. Dr Zuhaina binti Zakaria
Honorary Treasurer	Ir. Assoc Prof. Dr Chuah Joon Huang
Council Member - Civil Representative	Ir. Tu Yong Eng
Council Member - Electrical Representative	Ir. Hj. Mohd Aman bin Hj. Idris
Council Member - Mechanical Representative	Ir. Ng Yong Kong
Council Member - Structural Representative	Ir. Dr Tan Kuang Leong
Council Member - ICT and Multimedia Representative	Ir. Assoc Prof. Dr Lai Khin Wee
Council Member - Ordinary Representative	Ir. Sharifah Azlina bt Raja Kamal Pasmah Ir. Prof. Dr Zuhaina binti Zakaria Ir. Ts Wan Syakirah binti Wan Abdullah Ir. Dr Mui Kai Yin Ir. Shamil bin Abu Hassan Ir. Wan Rizaluddin Abdullah bin Wan Ali



Voting on Proposed Amendments to the IEM Constitution

The winners of the Tan Sri Ir. Hj. Yusoff Ibrahim Final Year Project Competition were also invited to receive their prize from the President. This is the sixth year that this competition had been organised and it has been getting good response from the universities. This year, we received a total of 75 submissions compared to 39 last year. The winners for the Tan Sri Ir. Hj. Yusoff Ibrahim Final Year Project Competition 2023 are as listed below:

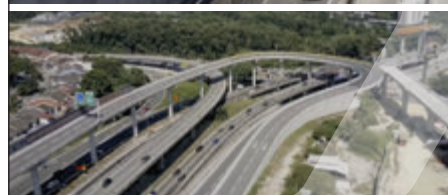
1st Place	Chng Sook Ling	Tunku Abdul Rahman University College
2nd Place	Nurul Nadiyah binti Zulkeflee	Universiti Putra Malaysia
3rd Place	Low Ee Sam	Universiti Malaya
Consolation Prize	Adrian Ng Tzemin Yee Jia Jun Nabiilah binti Mahmud Seri Wijaya Tai Jia Wei	Universiti Malaya Universiti Malaysia Pahang Universiti Putra Malaysia Universiti Tunku Abdul Rahman


NEHEMIAH WALL

The Market
Leader in
Reinforced Soil
Walls



**DUTA ULU KLANG
EXPRESSWAY**



**NEHEMIAH REINFORCED SOIL
SDN. BHD.** 263860-V

PETALING JAYA (HQ)

No.45-3, Jalan PJU 5/20, The Strand,
Kota Damansara, 47810 Petaling Jaya,
Selangor Darul Ehsan

T +603 6142 6638 **F** +603 6142 6693

email enquiry@nehemiah-grp.com

PENANG

27C, Medan Angsana, Bandar Baru Air Itam
11500 Pulau Pinang

T +604 826 5071 **F** +604 826 5860

www.nehemiah-grp.com



Retaining Wall and Soil Reinforcement

Throughout the years, Maccaferri has been constantly evolving and contributing innovative solutions in **Erosion Control, Retaining Walls, Basal Reinforcement, Soil Stabilisation, Rockfall Protections**, and various other applications. We have extended our product range significantly over the last decade, enabling us to offer an unrivalled range of solutions to the environment. Maccaferri knowledge and experience enable us to offer clients tailored solutions, optimising value, and achieving cost efficiency.

By Nurturing the world of tomorrow, harmonizing life and nature through innovative solutions, Maccaferri pursues excellence and continuous improvement.



Rockfall Protection



Drainage for Structures



Erosion Control



Hydraulic Works



Basal Reinforcement

MACCAFERRI

Maccaferri (Malaysia) Sdn. Bhd.

Unit 511, Block G, Phileo Damansara 1, No. 9, Jalan 16/11,
Off Jalan Damansara, 46350 Petaling Jaya, Selangor Darul Ehsan, Malaysia.
Tel: +60-3 7955 7800 Fax: +60-37955 7801 E-mail: info.my@maccaferri.com

Nurturing the World of Tomorrow

Engineering a Better Solution





Presentation of Election Results by
Election Officer, Y.Bhg. Dato' Paduka
Ir. Hj. Keizrul Abdullah



Ms. Chng Sook Ling, the first place winner of the
Tan Sri Hj. Yusoff Ibrahim Final Year Project 2023
receiving her prize from the President

However, only two of the prize winners namely Ms. Tai Jia Wei and Ms. Chng Sook Ling were able to be present to receive their prize from the President.

Ir. Prof. Dr Norlida also presented certificates and pins to the following members who were approved for transfer to the grade of Fellow in 2022/2023.

Ir. Dr Mui Kai Yin	Mechanical Engineering
Ir. Prof Dr Raizal Saifulnaz	Civil Engineering
Ir. Chang Toong Woh	Civil Engineering
Ir. Chong Chee Yen	Civil Engineering

The following recipients of the Tan Sri Hj. Yusoff Ibrahim prize for Best Technical papers submitted by Corporate Members were presented with a medal and certificate:

Civil Engineering Category	Ir. Yee Thien Seng Paper title: Some Engineering Issues Peculiar to Road Embankment Construction on Soft Soils
Electrical Engineering Category	Ir. Thum Peng Chew Paper title: The Impact of Direct Lightning Strike Damages on PV Modules in A Large Malaysian PV Farm
Other Discipline Category	Ir. Dr Bhuvendhraa Rudrusamy Paper title: Autonomous 3D Mapping Drone Framework For Sustainable Building Construction Monitoring Using Photogrammetry And Industry 4.0 Technologies

There were two winners for the Young Engineer Award in 2023. For the academia category, the Award was presented to Ir. Dr Siow Chun Lim. Dr Siow holds a Ph.D in Electrical Power Engineering from Universiti Putra Malaysia. He is currently a Senior Lecturer and the Programme Coordinator for the Bachelor of Electrical Engineering programme at Multimedia University, Malaysia. He is the national expert representing Malaysia in the IEC TC 81 (Lightning Protection) and currently the Honorary Secretary of the ASEAN Engineering Inspectors for Electrical Installation (AEI). Dr Siow is also a current IEM Council Member and IEM Bulletin Editor.



NEHEMIAH WALL

The Market
Leader in
Reinforced Soil
Walls

DUTA ULU KLANG EXPRESSWAY

NEHEMIAH REINFORCED SOIL SDN. BHD. 263860-V

PETALING JAYA (HQ)

No.45-3, Jalan PJU 5/20, The Strand,
Kota Damansara, 47810 Petaling Jaya,
Selangor Darul Ehsan

T +603 6142 6638 **F** +603 6142 6693

email enquiry@nehemiah-grp.com

PENANG

27C, Medan Angsana, Bandar Baru Air Itam
11500 Pulau Pinang

T +604 826 5071 **F** +604 826 5860

www.nehemiah-grp.com

Print Service Special Promotion

Business Card - 54mm x 90mm
Gloss / Matt Art Card (Full Color)



260gsm

200pcs RM **40**

300pcs RM **50**

310gsm

200pcs RM **50**

300pcs RM **60**

- Annual Reports
- Booklets
- Brochures
- Buntings
- Business Cards

- CD / DVD Replications
- Calendars
- Cards & Invitations
- Certificates
- Custom Printings

- Envelopes
- Folders
- NCR Bill Books
- Notepads
- Leaflets

- Letterheads
- Paper Bags
- Posters
- Stickers
- Others



dimensionpublishing
The Choice of Professionals

Authorised Publisher: The Institution of Engineers, Malaysia (IEM) - JURUTERA

**For other quantity and material,
please contact:**



Joseph How **(+6) 011 1234 8181**
Shirley Tham **(+6) 016 283 3013**



IEM President, Prof. Dr Norlida with the two winners of the IEM Young Engineers Award. Mr. Alex Looi on the left and Ir. Dr Siow Chun Lim on the right.



Prof Dr Norlida presenting the IEM Woman Engineer Award 2023 to Ir. Catherine Sim.

The winner for the Industry category was Mr. Alex Looi Tink Huey. Mr. Alex Looi holds a Bachelor in Electrical and Electronic Engineering from Asia Pacific University and a BSc Hons in Software Engineering from Staffordshire University, UK. He is an Electrical Energy Manager registered with Suruhanjaya Tenaga and a Certified Infrared Thermographer of Infraprospection Institute.

He served as the Hon. Secretary of IEM EETD Railway Systems Engineering Working Group and contributed to the IEM Position Paper on "Building Capacity of Railway Systems Engineering for the Future" which was submitted to the Ministry of Transport.

The recipients were presented with a plaque and a cash prize of RM1,000 each.

After a lapse of four years, IEM presented the Woman Engineer 2023 Award to Ir. Catherine Sim Siew Ping. Ir. Catherine Sim holds a Bachelors of Civil Engineering degree from University Technology Malaysia. She is currently a Director and Principal at MEI Consultants Sdn. Bhd., posts which she has held since 2009. She was the project manager and lead engineer for numerous projects under MEI Consultants, one of which received the IEM Award for Contribution to Engineering Industry in 2022.

Ir. Sim who was the Chair of IEM Penang Branch Women Engineers Section in 2022, received the Pingat Jasa Kebaktian (PJK) from the Yang Di Pertua Pulau Pinang last year.

Tokens of appreciation were also presented to Council Members who had completed their term of office.

The President announced that five Past Presidents had been invited to serve in the Council for the next session namely Y.Bhg. Academician Tan Sri Datuk Ir. (Dr) Ahmad Zaidee bin Laidin, Y.Bhg. Dato' Paduka Ir. Hj. Keizrul bin Abdullah, Y.Bhg. Academician Tan Sri Ir. Prof. Dr Chuah Hean Teik, Y.Bhg. Dato' Ir. Lim Chow Hock and Ir. Dr Tan Yean Chin.

TNL Partners PLT Chartered Accountants (formerly known as CH International Chartered Accountants) were re-appointed as External Auditors while Ir. Dr Teo Fang Yen and Ir. Bernard Lim Kee Weng were elected as Honorary Internal Auditors for session 2023/2024.

The last agenda of the day was the presentation of the Presidential Address with the title "Continuing in the Pursuit for Sustainability" by the President. The full text of the Presidential Address is featured in the cover story section of this issue of the *JURUTERA*.

The 64th Annual General Meeting of IEM was then adjourned at 11.20 a.m. with a note of thanks to all members who attended the AGM. ■



NEHEMIAH WALL

The Market
Leader in
Reinforced Soil
Walls

DUTA ULU KLANG EXPRESSWAY

NEHEMIAH REINFORCED SOIL SDN. BHD. 263860-V

PETALING JAYA (HQ)

No.45-3, Jalan PJU 5/20, The Strand,
Kota Damansara, 47810 Petaling Jaya,
Selangor Darul Ehsan

T +603 6142 6638 **F** +603 6142 6693

email enquiry@nehemiah-grp.com

PENANG

27C, Medan Angsana, Bandar Baru Air Itam
11500 Pulau Pinang

T +604 826 5071 **F** +604 826 5860

www.nehemiah-grp.com

Council Members Retiring on 15 April 2023

Vice President	Y.Bhg. Dato' Ir. Hj Ahmad Murad bin Omar
Past Presidents	Y.Bhg. Dato' Ir. Dr Gue See Sew Ir. David Lai Kong Phooi
Hon Treasurer	Ir. Dr Lee Yun Fook
Council Member - Civil Representative	Ir. Yap Soon Hoe
Council Member - Electrical Representative	Ir. Francis Xavier Jacob
Council Member - Mechanical Representative	Ir. Dr Aidil Chee Tahir
Council Member - Structural Representative	Ir. Gunasagaran Kristnan
Council Member - ICT & Multimedia Representative	Ir. Jeewa Vengadasalam
Council Members - Ordinary Rep	Ir. Dr Chan Swee Huat Ir. Ellias bin Saidin Ir. Mohd Radzi bin Salleh Y.Bhg. Dato' Ir. Anuar bin Yahya Ir. Dr Teo Fang Yen
Appointed Council Member	Y.Bhg. Dato' Ir. Nor Hisham bin Mohd Ghazali
Branch Representatives	Ir. Bernard Lim Kee Weng (Penang Branch) Y.Bhg. Dato' Sri Ir. Liew Mun Hon (Perak Branch) Y.Bhg. Dato' Ir. Wan Nazari bin Wan Jusoh (Terengganu Branch) Ir. Chong Chee Yen (Negeri Sembilan Branch) Y.Bhg. Dato Janang AK Bungsu (Sarawak Branch) Ir. Mohd Shaiful Ashrul bin Ishak (Kedah Perlis Branch) Ir. Nik Abdul Hadi bin Nik Hassan (Kelantan Branch)

Upcoming Activities

Webinar Talk on "A Millionaire Employee Strategy"

Date : 6 May 2023 (Saturday)
 Time : 9.00 a.m. – 11.00 a.m.
 Venue : Digital Platform
 Approved CPD : TBA
 Speaker : Ir. Ts. Ikhwan Sulaiman

Online AGM - 23rd Annual General Meeting of the Tunnelling and Underground Space Technical Division (TUSTD)

Date : 6 May 2023 (Saturday)
 Time : 9.00 a.m. – 11.00 a.m.
 Venue : Digital Platform
 Approved CPD : 2

Technical Visit to IUKL Smart Industry Centre of Excellence (SMART) & Technical Talk on "Engineering Digital Transformation: The Current Trends"

Date : 6 May 2023 (Saturday)
 Time : 9.00 a.m. – 1.00 p.m.
 Venue : IUKL SMART - Infrastructure University
Kuala Lumpur
 Approved CPD : 4

Webinar Talk on "Reducing Hull Resistance Using Air Injection for LNG Vessel with Free Ballast System"

Date : 6 May 2023 (Saturday)
 Time : 11.30 a.m. – 1.30 p.m.
 Venue : Digital Platform
 Approved CPD : 2
 Speaker : Dr Adi Maimun

Technical Visit to Malaysia Automotive Robotic & IoT Institute (MARii) (National Emission Testing Centre, Rawang)

Date : 8 May 2023 (Monday)
 Time : 9.00 a.m. – 1.00 p.m.
 Venue : National Emission Testing Centre,
Bukit Beruntung, Rawang
 Approved CPD : 3

Women Engineers Section at Conference of ASEAN Federation of Engineering Organisations

Written and Prepared by: _____



Ir. Ts. Nur Azhani

The Board of Engineers Cambodia (BEC) hosted The Conference of ASEAN Federation of Engineering Organisations (CAFEO-40) on 5-7 December 2022 in Phnom Penh, Cambodia. The theme was The Challenging Roles of Engineers in the era of Industry 4.0.

After 2 years of online meetings due to COVID-19 lockdown, the annual gathering and meeting of ASEAN engineers was finally held physically. Delegates from 10 ASEAN countries (with the exception of Laos) and a few Japanese members had a good time networking as well as going on a site tour and visit.

For women engineers, BEC arranged an introduction to Cambodia with a visit to the Win-Win Memorial which stood on an 8-hectare piece of land. It was built to commemorate the end of the civil war in Cambodia. Of notable significance was the door of the monument, which was designed with symbols of the three major religions in Cambodia (Islam, Buddhism and Christianity) to depict harmony and peace. Inside, we explored the country's

history through well-designed historical exhibits and photographs.

The next part of the visit and tour was to the BEC/CAST Laboratory, where testing and analysis of soil and concrete samples were conducted for the construction industry. The Chairwomen of BEC, who was also the Chairwoman of 2022 WE-AFEO and the CEO of CAST Laboratory, gave us a warm welcome and briefed us on the laboratory, organisation and their collaborations.

H.E. Sokhom Rithivuth, the Secretary-General of BEC and 2022 AFEO Chairman, gave the welcome speech for the opening of CAFEO-40, followed by a speech by 2022 AFEO Secretary-General Ir. Mohd Khir bin Mohammad. The event was then declared open by H.E. Dr Ith Samheng, Chairman of BEC Council and Minister of Labour & Vocational Training.

In addition to the conference and meetings, there was an exhibition where the Malaysia Pavilion showcased Malaysian companies which joined the MATRADE Empower Trade Associations (ETA) initiative.



Meeting of the WE-AFEO Governing Board

Lysaght Roof is Solar-Ready. Are you?

Getting a solar roof is an important decision, and you don't want to mess it up.

At Lysaght, our established experience allows us to factor in all the details and requirements throughout the project stages, ensuring efficient construction and future maintenance work, hence maximise your financial returns and energy harvesting.



- **Tested roof system** – Assured compatibility with solar components.
- **Right roofing design** – Maximised solar exposure, optimised energy harvesting.
- **Assured watertightness** – Prevent possible leakages after installation.
- **BlueScope coated steel** – Trusted and well-tested for longer-lasting durability.

Lysaght is Solar-ready, what about you? Let's talk and we are happy to help you in making the right choice.





WE-AFEO representatives

Networking and business continued at the WE-AFEO Governing Board Meeting where ASEAN women engineers sat down to dialogues and the sharing of success stories and challenges as well as plans for collaborations and advancement of ASEAN women engineers. These plans included activities for individual countries and future schedules and plans for the WE-AFEO Women Engineer Summit 41 which would be held in Bali, Indonesia, in November 2023. The meeting ended with country report presentations by individual WE representatives.

On the second day, the Women Engineers Summit (WES) 2022 started, with the theme Challenges & Opportunities for Women Engineers in Industry 4.0 Era: Women Engineers in ASEAN. The Women Engineering Summit 2022 conference was officiated by H.E. Eng. Pen Chhorda, the 2022 WE-AFEO Chairwoman as the host country. The Summit consisted of a paper presentation with four papers and a forum session with the topic Engineering by Women for Women in the Industry 4.0 Era. The paper presentations were:

1. The Role of AI for Engineering Industrial in the 4IR Era by Dr Eng, Prum Sohea (Cambodia).
2. Woman Underwater Welder Virtual Reality as Training Tools in Digital Era by Dr Habibah Haron (Malaysia).
3. Promoting Engineering Profession for Female Students through Research Project UMI Student Creativity Programme by Ir. Dr Setyawatu Yanim ST, MT (Indonesia).
4. Promoting Women Engineers in ASEAN in Industry 4.0: PTC WEN Experience by Engr. Archelle Baculi (Philippines).

The forum session speakers were:

1. Carina Pecson, Metallurgical Engr., ASEAN Engr. of Mines and Geosciences Bureau Philippines.
2. Dr Eng. In Sokneang, Dean of Faculty and Head of University Industry Linkage Office in Cambodia.
3. Ir. Raftah Mahfar, Past Chairwoman of Women Engineers Section of Institution of Engineers Malaysia.
4. Ir. Sri Hidayati, WE-AFEO Vice-Chairwoman and Woman Section Chairwoman of Persatuan Ingsinyur Indonesia.
5. Engr. Jasmin Foo, Vice-President of Institution of Engineers Singapore.

Light unlimited: TwinCAT 3 Lighting Solution for DALI-2

The TwinCAT 3 Lighting Solution:

- configurable via Excel, fully HTML and web-capable, decentrally scalable, and directly operable via a panel
- simplifies all work steps from engineering to maintenance
- integrates all typical lighting controls
- unlimited number of DALI-2 lines
- fast function changes, addressing, and extensions direct during operation
- groupings independent of DALI-2 lines
- enables Human Centric Lighting concepts related to the course of the day

Scan to discover all the benefits of the Lighting Solution



ENGINEER®

Kuala Lumpur Convention
Centre (KLCC)
Hall 1, Booth 1A017

New Automation Technology **BECKHOFF**

CHINT
CHINT ELECTRIC

Empower the World

**CHINT
SUPERIOR
SWITCHES**

NEW3S



NEW2S



NEW7G

**ALPHACHINT**ALPHA CHINT SWITCHES SDN. BHD.
(952175-1)

+603-5569 3698



+603-5569 4099



www.alphasel.com



alphamail@alphasel.com

To wrap up WES 2022, there was a souvenir exchange ceremony between all ASEAN countries and the handing over of the WE-AFEO flag to Ir. Sri Hidayati from Persatuan Ingsinyur Indonesia (PII).

There was also a separate technical visit to Vattanac Capital Building and Morgan Tower organised by WE-AFEO and YE-AFEO on building engineering design and operation and maintenance. The Vattanac Capital Building, the second skyscraper in Cambodia, housed The Vattanac Bank, the Rosewood Phnom Penh Hotel, serviced apartments, retail space, office space, a sky bar and a car park. The building was LEED Gold certified and won the Best Commercial Development (South-East Asia) award at the South-East Asia Property Awards in Singapore in December 2012. The tallest skyscraper in Cambodia, Morgan Tower, located on the man-made Koh Pich (diamond) island, was completed in 2022 and would be used for office space.

The closing remarks and CAFE0-41 flag hand-over to PII took place at the closing and awards dinner which saw the much-awaited Awards Presentation, where AFEO members were conferred into their respective membership grades. Let's all look forward to CAFE0-41 in Bali, Indonesia. ■



Participants and delegates of Women Engineers Summit 2022



Visit to the BEC/CAST Laboratory

IEM X ESUM YES Open Day 2023

Written and Prepared by: _____



Ong Ye Shian

The IEM X ESUM YES Open Day 2023, held at Dewan Tunku Canselor, Universiti Malaya, from 9.00 a.m. to 4.00 p.m. on 18 March 2023, was a huge success! This was a collaborative effort between The Institution of Engineers, Malaysia (IEM), Young Engineers Section (YES), Engineering Society of Universiti Malaya (ESUM) and 5 other collaborating student sections, namely IEM UTAR Sungai Long Student Section, IEM Universiti Malaysia Pahang Student Section, IEM Taylor's University Student Section, IEM University of Nottingham Malaysia Student Section and IEM Heriot-Watt University Student Section.

The aim was to connect students and fresh graduates with leading corporations and showcase the latest developments in engineering fields. The event was also in line with the YES objective to encourage the growth and development of aspiring engineers.

The event featured more than 40 exhibition booths which showcased a diverse range of corporations and companies from the industry. More than 1,600 individuals attended the event, including students from over 10 universities, graduates and working professionals from various backgrounds in engineering, IT and business. We were particularly pleased that students from the South and East Malaysia made the effort to take part too.

The IEM X ESUM YES Open Day 2023 also included a significant event, the formation of the IEM Universiti Malaya Student Section. We would like to express our gratitude to IEM and Universiti Malaya (UM) for their unwavering support in making this formation possible. The event served as a reminder of the rich history of the Graduate & Student Section (G&S) of IEM, founded by UM alumni Ir. Cheah Kok Cheong, in 1970 and rebranded today as the Young Engineers Section (YES). The momentous occasion would definitely inspire future generations of students and we were thrilled to be a part of it.

There were many distinguished guests at the opening ceremony, including the guest of honour, Ir. Prof. Dr Norlida Buniyamin (President of IEM), Prof. Ir. Dr Kaharudin bin Dimyati (Dean of the Faculty of Engineering), Ir. Prof. Dr Jeffrey Chiang Choong Luin (Deputy President of

IEM), Ir. Yau Chau Fong (Vice-President of IEM), Ms. Ong Ye Shian (Director of IEM X ESUM YES Open Day 2023) and Ir. Yam Teong Sian (IEM-YES Advisor). Also present were Ts. Muhammad Ashiq Marecan bin Hamid Marecan (Chairman of IEM-YES), Dr Iskandar bin Abdullah (Director of Graduate Employability & Career Centre), Assoc. Prof. Ir. Dr Norazura Bunnori (Deputy Dean of Undergraduate Studies under Faculty of Engineering), Dr Mohd Usman Mohd Junaidi (Deputy Dean of Student Affairs under Faculty of Engineering), Assoc. Prof. Ir. Dr David Chuah Joon Huang (IEM-UM Student Section Advisor), Mr. Teoh Chi Yang (President of ESUM) and Mr. Ng Han Wei (Chairman of IEM UM Student Section).

At the opening ceremony, Event Director Ong Ye Shian expressed her gratitude to all attendees and acknowledged the hard work put in by the committee members as well as the contributions of corporate sponsors. Ir. Prof. Dr Norlida and Prof. Ir. Dr Kaharudin then delivered their speeches, congratulating the organising committee for successfully bringing together students and graduates with leading corporations and companies in the industry. They emphasised the importance of events like IEM X ESUM YES Open Day 2023 which promoted greater industry-academia collaborations and helped foster the growth and development of young engineers. The opening ceremony was a great start to a productive day of networking and learning for all present.



Launching of the IEM X ESUM YES Open Day 2023



**INSTALL
IN A FLASH**



DISCOVER
easyCOMFORT

ATOM SERIES MINI VRF

EFFECTIVE CONTROL IN HIGH-EFFICIENT OFFICE



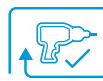
**Group Control for
Maximum 9 IDUs**



**Centralized Control with
Other VRF Systems**



Cloud Control



**Long Piping Capability for
Flexible Installation**

Sole Distributor:

Midea Scott & English Electronics Sdn Bhd (194517-X)

No. 16, Jalan Chan Sow Lin, 55200 Kuala Lumpur Tel: 03-9221 1033

• **PENANG** No. 35, Jalan Perniagaan Gemilang 1, Pusat Perniagaan Gemilang, 14000 Bukit Mertajam, Pulau Pinang. Tel: 04-548 3938 Fax: 04-548 9698

• **JOHOR** No. 25, Jalan Seri Impian 1, Taman Impian Emas, 81300 Skudai, Johor. Tel: 07-562 4898 Fax: 07-557 7898

• **PERAK** No. 38, Persiaran Perindustrian Pengkalan 10, Kawasan Perindustrian Pengkalan, 31500 Lahat, Perak. Tel: 05-323 2529 Fax: 05-323 2529

• **PAHANG** No. 258, Ground Floor, Jalan Air Putih, Taman Air Putih Mewah, 25350 Kuantan, Pahang Darul Makmur. Tel: 09-560 6668 Fax: 09-09-560 5050

Fax: 03-9221 7204 / 03-9221 1434 / 03-9221 3509

• **MALACCA** No. 385-L, Taman Peringkat Jaya, 75400 Peringkat Jaya, Melaka. Tel: 06-292 1940 Fax: 06-286 7107

• **KOTA BHARU** PT 1436, Ground Floor, Taman Koperasi, Tanjung Chat, 15300 Kota Bharu, Kelantan. Tel/Fax: 09-743 1202

• **SABAH** Inanam Suria Commercial Centre, Lot B, Unit 0-9, Unit 1-9, Ground Floor and First Floor, 88450, Kota Kinabalu, Sabah. Tel: 088-421 428 Fax: 088-431 427

• **SARAWAK** 1st Floor, Lot 8517, Stutong Commercial Centre, Jalan Stutong, 93350 Kuching, Sarawak. Tel: 082-363 167 Fax: 082-366 167



Midea Malaysia

midea_malaysia



midea.com/my



IEM and UM Opening Ceremony

The establishment of the IEM UM Student Section was the highlight of the opening ceremony. Ir. Prof. Dr Norlida presented tokens of appreciation to Prof. Ir. Dr Kaharudin and Dr Iskandar while the Student Section letter of formation was handed over to Ir. Dr David Chuah and Mr. Ng Han Wei. There was also an exchange of plaques between Prof. Ir. Dr Kaharudin and Ir. Prof. Dr Norlida, followed by a ribbon-cutting ceremony to mark the launch of IEM X ESUM YES Open Day 2023 and a video presentation to introduce the event. Sponsors were acknowledged with tokens of appreciation and guests were given a tour of the event.

Apart from career booths, the event featured career talks by Platinum Sponsor Nestlé and Mr. Patrick Tan Peng Jun on Breaking Into Your Dream Career: Experts Insight & Practical Advice and How to Write a Great Resume for Young Engineers.



Presenting tokens of appreciation during the IEM UM Student Section Formation

The famous IEM Sembang Chillex session was moderated by former YES Chairman Ts. Kuugan Thangarajoo, with a discussion on the Future of Engineers, led by Ir. Abdul Razak bin Yakob, Ir. Rusnida binti Talib, Ir. Yeoh Jit Shiong and Ir. Dr Chan Tuck Leong.

One interesting activity was the Coffee Networking Session, where invited students, IEM engineers and sponsor representatives engaged in a casual chat session over lunch

to discuss the potential of future engineers, necessary skills and current insights into the working industry.

Overall, the IEM X ESUM YES Open Day 2023 was a resounding success and provided opportunities for students and graduates to meet with representatives from various companies, learn about job opportunities and discuss their career aspirations. The event also allowed students to network with engineers and YES members.

The organising committee from IEM-YES would like to express its gratitude to all corporate sponsors, IEM engineers and participants who made the event a success. We look forward to organising more such events to help promote the development of young engineers. ■

BH GIRDER

The **BH Girder** is an innovative and enhanced version of **PSC Girder** that utilizes the **Bulb-T** shape integrated with **Half Slab** which enables it to be applied over a span of longer than 60m. By adopting the latest cutting-edge technologies and innovation, the **BH Girder** has been designed to achieve the ultimate goals of "**Cost Effectiveness**", "**Rapid Construction**", "**Aesthetics**" and "**Safety**".

ADVANTAGES

Efficiency

- Maximization of prestressing efficiency
- Minimization of prestressing friction loss

Economics

- Reduction of substructure cost
- Reduction of slab cost by half slab girder

Constructability

- Omission of deck slab formwork and shoring work by half slab girder
- Shorter construction period

PROFESSIONAL SERVICES

(Free of charge)

- Design computations and analysis
- Construction drawings
- Material and construction specifications
- Cost estimates
- Technical advice and construction assistance

BH Girders (60m long) launched on double decker portal piers at Setiawangsa Pantai Expressway

NEHEMIAH TOWOONG BRIDGETECH SDN. BHD.
No. 45-3, Jalan PJU 5/20, The Strand, Kota Damansara
47810 Petaling Jaya, Selangor Darul Ehsan.

Tel : 012 218 6693 (Tan CC)
Tel : 603 6142 6638
Fax : 603 6142 6693

Email : tancc@nehemiah-grp.com
Email : enquiry@nehemiah-grp.com






A partnership of

We Build Integrity Towoong Engineering and Construction



Founded in Spain in 1958

FEATURES

-  High performance
-  Easy to use
-  Improved energy savings
-  Longer lifespan
-  Multi-function



Basic Series Expert Series Smart Pump Soft Starter

DESEA SDN BHD (566667-U)

Level 19, Tower B, Plaza 33, No. 1, Jalan Kemajuan, Seksyen 13, 42600 Petaling Jaya, Selangor, Malaysia

TEL: (603) 7883 6133 FAX: (603) 7883 6188 WEBSITE: www.himel.com



www.himel.com

Revolutionising the Engineering and ACMV & R Industry in Malaysia and ASEAN

Written and Prepared by: _____

ENGINEER 2023 Organising Committee

IEM, MACRA and C.I.S held a soft launch ceremony for 2 exhibitions, witnessed by over 200 engineering and ACMV & R industry professionals and exhibitors for the second instalment of ENGINEER and MARVEX in Malaysia.

Themed A Business Gateway to Engineering and ACMV & R in ASEAN, both exhibitions and the concurrent IEM Convention are slated for 6-9 September 2023 at the Kuala Lumpur Convention Centre and will feature Environmental, Social and Governance (ESG) initiatives focusing on sustainability, energy, society, emerging technology and education. The themes signify the key positioning of the exhibitions to convene the industry's best minds, biggest names and cutting-edge solution providers.

ENGINEER & MARVEX will bring together prominent industry and engineering leaders, both local and from across the ASEAN region, including engineering and allied professionals, government delegations, industry players, trade associations, business chambers and international investors. The event will showcase the transformation of the industry as businesses adopt digitalisation and ESG-inspired technology and operations framework.

IEM President Ir. Prof. Dr Norlida Bunyamin



The Presidents from the Joint Organisers of IEM, MACRA and C.I.S with the Organising Chairman of ENGINEER and MARVEX and the Deputy Director General of Public Works, Dato' Ir. Hj. Zulkipli bin Hj. Nasri at the ceremony



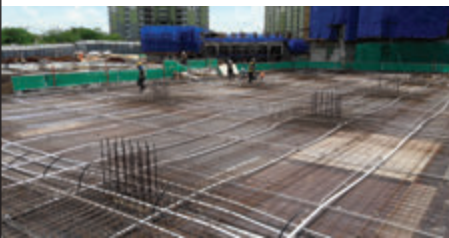
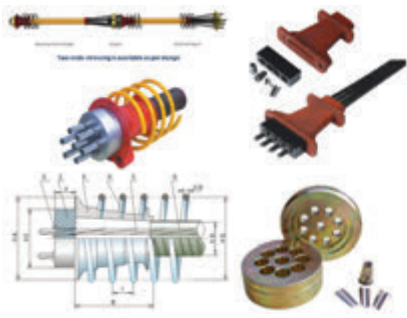
Nehemiah Prestress

1140945-A



Nehemiah-OVM provides the following products and services:

- Post-tensioning solution provider
- Carpark Flat Slab
- Transfer Plate
- Beams, Box Girders
- Alternative design solutions
- Cable systems (stay cable, main cable, hanger)
- Bridge bearing and expansion joint
- Construction solutions (heavy lifting, ILM, etc)
- Monitoring, repairing and strengthening for structures



Nehemiah Prestress Sdn Bhd (1140945-A)

No. 45-3, Jalan PJU 5/20
The Strand, Kota Damansara
47810 Petaling Jaya
Selangor Darul Ehsan

Tel : 603 6142 6638

Fax : 603 6142 6693

Email : enquiry-pt@nehemiah-grp.com



Nehemiah

A member of the Nehemiah Group

Certified by the European
Organization for Technical Approval



Both exhibitions are expected to draw 10,000 trade and professional visitors to convene across 4 days in 2 halls, with exhibitors from 5 countries, including Malaysia, China, The Philippines, Singapore and Taiwan.

At the soft launch, ENGINEER 2023 Organising Chairman Ir. Yau Chau Fong also presented Malaysia's largest engineering symposium & conference, IEM Convention, where 1,500 engineering professionals are expected to attend. With local and international visionary speakers to present over 20 engaging topics, delegates will harness and challenge their engineering knowledge by immersing in future forward ESG-themed subjects. ■



Preview of ENGINEER & MARVEX 2023



ENGINEER & MARVEX exhibition

4 DAYS | 7 SYMPOSIUMS | 1,500 DELEGATES

 IRASD 2023 Advances in Structural Design Symposium	 ASEAN EDx23 ASEAN Engineering Digital Transformation Symposium
 IESE ASEAN Electrotechnical Symposium	 PRO MAC Project Management Symposium
 Safety in Engineering Symposium	 SMART SUSTAINABLE CITIES Smart Sustainable Cities Engineering Symposium

Concurrent Conference:

ASHRAE Malaysia Chapter Conference

ASHRAE Malaysia Chapter Conference

All symposiums and conference are BEM CPD applicable

IEM symposiums

Subscribe to IEM's Publications Now!

Yes! I would like to be a subscriber of The Institution of Engineers, Malaysia's publications

Name: _____

Mailing Address: _____

Country: _____

Company/Institution: _____

Title: _____

Telephone No: _____ Fax: _____ Email: _____

☐ New Subscriber ☐ Renewal

Please commence my subscription from: _____ (month/year) Signature: _____

To start your subscription of IEM's publications, complete this form and mail it back to the address below. For faster processing, fax it to: +603 7493 1047. Thank you.

What is your primary job title?

- ☐ Corporate Management (including chairman, president, proprietor, partner, director, vice president, general manager, division manager, import/export manager, other corporate title)
- ☐ Management (including project/contract/equipment/service/transport district manager, clerk of works, other technical or operating manager)
- ☐ Engineering/Design (including chief engineer, chief designer, civil/highway/mechanical/planning engineer, other engineering/design title)
- ☐ Buying/Purchasing (including chief buyer, buyer, purchasing officer, other buying/purchasing title)
- ☐ Titles allied to the field (architect, consultant, surveyor, research and development professor, lecturer, supervisor, superintendent, inspector or other allied title)
- ☐ Others (please specify) _____

What type of organisation do you work in? (Tick one box only)

- ☐ Contractor
- ☐ Sub-contractor specialist
- ☐ Design and build contractor
- ☐ Consulting engineering/architectural/quantity surveying practice
- ☐ Mining/quarrying/aggregate production company
- ☐ Petroleum producer
- ☐ International/national authorities
- ☐ National/regional/local government
- ☐ Public utilities (electricity, gas, water, deck and harbour, other)
- ☐ Manufacturer
- ☐ Distributor/importer/agent
- ☐ Construction department of large industrial/Commercial concern
- ☐ Association/education establishment/research
- ☐ Construction equipment hire/rental company
- ☐ Project/construction management consultancy
- ☐ Others (please specify) _____

What are the main activities of your organisation? (Tick all that apply)

Constructions of:

- ☐ Roads/bridges
- ☐ Dams/reservoirs/irrigation
- ☐ Harbours/offshore structures
- ☐ Foundations/tunnels
- ☐ Pipelines/refineries
- ☐ Structures/steel work
- ☐ Building (commercial, industrial)
- ☐ Housing
- ☐ Construction management
- ☐ Deep mining
- ☐ Others (Please specify) _____

Manufacturer of:

- ☐ Construction equipment
- ☐ Cement
- ☐ Other construction materials
- ☐ Distribution
- ☐ Construction equipment
- ☐ Construction materials
- ☐ Hire/rental of construction equipment
- ☐ Design
- ☐ Earth-moving/open cast mining
- ☐ Aggregate production

Rate (Please tick)

- ☐ **RM360.00** - 12 issues of JURUTERA
- ☐ **RM84.00** - 2 issues IEM Journal (Half-yearly)

Terms and Conditions:

- 1) The subscription is to be prepaid.
- 2) Please make cheque payable to **Dimension Publishing Sdn. Bhd.**
- 3) Subscriptions are not refundable.
- 4) Magazine/s will be sent to the mailing address given.
- 5) Students are entitled for a 20% discount from the above subscription rate.
- 6) Students must submit a photocopy of the student identification card together with the payment.
- 7) The above rate is inclusive of delivery charges and applicable in Malaysia only.
- 8) Additional delivery charges will apply to overseas subscribers.

For subscription enquiries, please contact +603-7493 1049 or email to info@dimensionpublishing.com.



dimensionpublishing
The Choice of Professionals

DIMENSION PUBLISHING SDN. BHD. (449732-T)

Level 18-01-02, PJX-HM Shah Tower, No. 16A, Persiaran Barat, 46050 Petaling Jaya, Selangor Darul Ehsan, Malaysia
Tel +603 7493 1049 Fax +603 7493 1047 Website www.dimensionpublishing.com

Updated May 2018

STILL THE GOLD STANDARD

3 SEC DYNAMIC QR

High Security DESFire
Data Card Reader

Anti-Clone using
Dynamic QR

OnReader Dynamic
QR Decryption

PLATO-Q82

QR Code changes
every 3 seconds

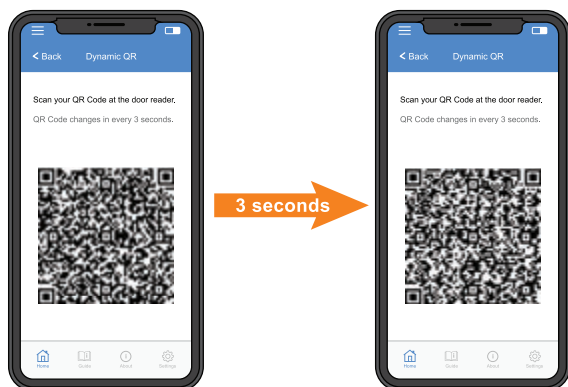


HIGH SECURITY DESFIRE DATA CARD READER

MIFARE DESFire provides the most secure, practically unbreakable 128 bit encryptions. PLATO-Q82 is capable of reading the secure data file in the DESFire Card to utilize the card security feature correctly.

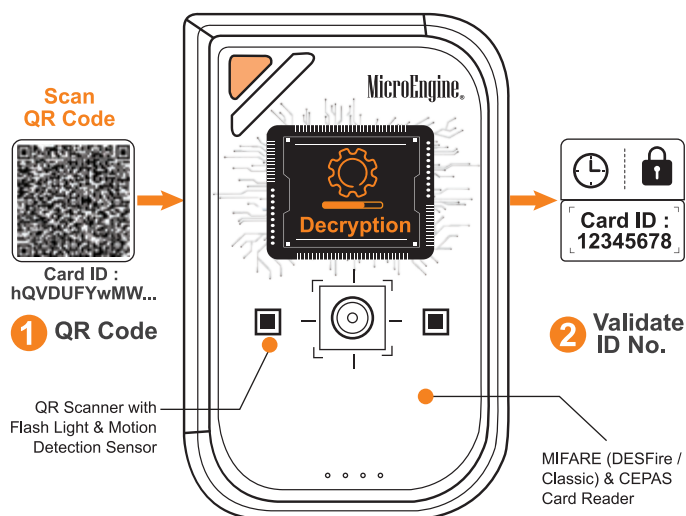
ANTI-CLONING USING DYNAMIC QR

New QR code is created every 3 seconds for the same ID using time sensitive formula and industry leading AES encryption technology.



ONREADER DYNAMIC QR DECRYPTION

Decryption of the QR code is done in the reader. You do not need to have network connections or the cloud to operate this. Giving you maximum security availability.



Patent Pending



IEM Kelantan Branch - 11th AGM & 2nd Annual Dinner

Written and Prepared by:

Ms. Nazatul Fitri

11th Annual General Meeting

The 11th Annual General Meeting of IEM Kelantan Branch was held at Dewan Malaysia, Kompleks Belia & Sukan Negeri Kelantan. It was officiated by the guest of honour, YBhg. Ir. Hj. Mohd Khir Muhammad, Vice-President of The Institution of Engineers, Malaysia. A total of 35 members attended the meeting.

At the AGM, the honorary secretary and honorary treasurer presented the annual report and financial statement respectively for the session 2022/2023. New committee members were also elected for the session 2023/2024.



Ir. Hj. Mohd Khir giving his opening speech



Line-up of IEM Kelantan Branch Committee Session 2023/2024



IEM Kelantan Branch members listening to the presentation of the annual report and financial statement for the session 2022/2023



IEM Kelantan Branch members taking a picture with Ir. Hj. Mohd Khir

2nd Annual Dinner

The 2nd Annual Dinner of IEM Kelantan Branch, which saw the gathering of engineers from all across Kelantan, had the potential to improve interactions between the participants.



Lucky draw



The Dikir Barat performers showcased traditional music and songs



Ir. Hj. Nik Ab Hadi, Immediate Past Chairman, IEM Kelantan Branch, speaking at the event

The event was held at Perdana Hotel in Kota Baru and it was officiated by the guest of honour, YBhg. Ir. Hj. Mohd Khir Muhammad, Vice-President of The Institution of Engineers Malaysia. Also present were the Director of Jabatan Kerja Raya Negeri Kelantan, Ir. Mohd Suhaili bin Ismail, Director of Politeknik Kota Baru, Sr. Haji Mohd Fikri bin Ismail as well as representatives from Air Kelantan Sdn. Bhd., Perbadanan Menteri Besar Kelantan, Tenaga Nasional Berhad and Lembaga Kemajuan Pertanian Kemubu.

There were 420 guests, comprising engineers, contractors, developers, government officers, academicians, students and business associates who were entertained by dikir barat performances and lucky draws. ■



IEM Kelantan Committee Session 2022/2023 taking a picture with Ir. Hj. Mohd



dimensionpublishing

The Choice of Professionals

Authorised Publisher: The Institution of Engineers, Malaysia (IEM) - JURUTERA

Explore our full set of Professional and Integrated PUBLISHING MANAGEMENT SERVICES:

- » Project Management
 - » Creative Management
 - » Ad Space Management
 - » Mailing Management
 - » Print Management
-
- Annual Reports
 - Booklets • Brochures
 - Buntings • Business Cards
 - CD / DVD Replications
 - Calendars • Cards & Invitations
 - Certificates • Custom Printings
 - Envelopes • Folders
 - NCR Bill Books • Notepads
 - Leaflets • Letterheads
 - Paper Bags • Posters
 - Stickers • Others



For enquiries, please contact:



dimensionpublishing
The Choice of Professionals

Dimension Publishing Sdn Bhd (449732-T)

Level 18-01-02, PJX-HM Shah Tower, No. 16A, Persiaran Barat,
46050 Petaling Jaya, Selangor Darul Ehsan, Malaysia.

Tel: +603 7493 1049 Fax: +603 7493 1047 E-mail: info@dimensionpublishing.com
Shirley Tham : +6016 283 3013 Joseph How : +6011 1234 8181

IEM Penang Branch - 55th Annual Dinner

Written and Prepared by: _____



Ir. Bernard Lim

IEM Penang Branch held its 55th Annual Dinner on November 26, 2023, at the Setia Spice Convention Center, where the esteemed Penang Chief Minister, YAB Tuan Chow Kuan Yeow, graced the event. The theme of the annual dinner, "Engineers are the CAPSTONE – Things Breakdown without us," highlighted the critical role of engineers in shaping and sustaining the world.

The IEM Annual Dinner was not just a gala dinner, but a one-day long affair that included legacy talks, informative technical talks, exhibitions, and a dinner in the evening. The event kicked off in the morning, with three distinguished engineers from IEM Penang Branch delivering their legacy talks: Dato' Ir. Dr Goh Teik Cheong, Dato' Ir. Addnan bin Mohd Razali, and Dato' Ir. Rajendran P Anthony. Alongside the legacy talks, there were exhibitions showcasing the latest developments and innovative products from our sponsors.

At the gala dinner, the evening began with a speech from the IEM Annual Dinner Organising Chair, Ir. Chan Wah Cheong, followed by the IEM Penang Branch Chairman, Ir. Bernard Lim Kee Weng. This was then followed by a speech from IEM Deputy President, Ir. Prof. Dr Jeffrey Chiang. The dinner was officially opened with a speech by the Honorable Chief Minister, YAB Tuan Chow Kuan Yeow, and an opening gimmick. The event was graced by the Dato Bandar MBPP, Dato' Ar Yew Tung Seang, and YB Zairil Khir Johari, the state exco for Infrastructure and Transport, alongside other government agency heads. The annual dinner was filled with award presentations and entertainment, including a full-piece band and an illusionist show.



Grand Opening by YAB Tuan Chow Kuan Yeow accompanied by Ir. Bernard Lim, IEM Penang Branch Chairman & Ir. Chan Wah Cheong, Organising Chairman



Presentation of congratulatory plaque to IEM Penang Branch Members of receiving Penang State Award and witness by the Chief Minister of Penang



IEM Penang Branch Committee Members 2022/2023

At the annual dinner, a total of 99 tables were set up, accommodating almost 970 attendees. The event was graced by a diverse audience, including IEM members, local government officials, industrial leaders, academics, consultants, contractors, fellow professional bodies like REDHA, PAM, RISM, and MIP, sponsors, distinguished guests, as well as IEM Branches Chairman or their representatives. Furthermore, all attendees had the opportunity to participate in the exciting lucky draw that took place during the dinner.

After a long wait, the 55th IEM Penang Branch Annual Dinner finally took place, and it was a much-needed relief for everyone. The event provided an opportunity for people to reconnect and engage in a lot of networking.

Overall, the 55th IEM Penang Branch Annual Dinner was a resounding success, with attendees reminiscing about the great memories made and the lucky draw or door gifts received. ■

Upcoming Activities

2-Day Workshop on Avoidance of Project Delays & Cost Overruns Aided By MS Project Software

Date	: 8 May 2023 (Monday)
Time	: 9.00 a.m. – 5.30 p.m.
Venue	: Wisma IEM
Approved CPD	: 15
Speaker	: Ir. Frankie Chong

Virtual 2-Day Course on Common Problems and Solutions for Construction Contracts

Date	: 8 May 2023 (Monday)
Time	: 9.00 a.m. – 5.00 p.m.
Venue	: Digital Platform
Approved CPD	: 14
Speaker	: Ir. Lai Sze Ching

Technical Visit to Malaysian Research Accelerator for Technology & Innovation (MRANTI) Corporation Sdn. Bhd.

Date	: 9 May 2023 (Tuesday)
Time	: 9.00 a.m. – 1.30 p.m.
Venue	: MRANTI Corporation Sdn. Bhd.
Approved CPD	: 2



IEM

The Institution of Engineers, Malaysia

64th

ANNUAL DINNER & AWARDS NIGHT 2023

SATURDAY, *15* JULY 2023



ONE WORLD HOTEL,
PETALING JAYA

Scan to Join

SUSTAINability



2ND ENGINEERING EXHIBITION & CONFERENCE 2023, MALAYSIA

An Event of  **IEM CONVENTION**

Concurrent Exhibition:



2ND AIR-CONDITIONING, REFRIGERATION &
VENTILATION EXHIBITION 2023, MALAYSIA

6 > 9
SEPT 2023
10AM > 6PM

KLCC
KL CONVENTION
CENTRE, MALAYSIA

**DRIVING THE ESG
AGENDA WITHIN
ASEAN**



**A REGIONAL HUB TO MEET AND OPEN DOORS
FOR BUSINESS COLLABORATIONS!**

- Connect with an expected 10,000 industry professionals, traders and buyers
- Showcase top-notch engineering and ESG-inspired technologies solving global challenges
- 1-on-1 networking opportunities through invited and hosted buyer programmes

EXHIBIT WITH US!

Contact us at:
M: +6012 774 1981
T: +603 7982 4668
E: linda@cisnetwork.com

www.ENGINEERMALAYSIA.com.my

Joint Organiser
for ENGINEER:



Joint Organiser
for MARVEX:



Joint
Organiser:



Tarikh: 12 April 2023

Kepada Semua Ahli,

SENARAI CALON-CALON YANG LAYAK MENDUDUKI TEMUDUGA PROFESIONAL TAHUN 2023

Berikut adalah senarai calon yang layak untuk menduduki Temuduga Profesional bagi tahun 2023.

Mengikut Undang-Undang Kecil IEM, Seksyen 3.8, nama-nama seperti tersenarai berikut diterbitkan sebagai calon-calon yang layak untuk menjadi Ahli Institusi, dengan syarat bahawa mereka lulus Temuduga Profesional tahun 2023.

Sekiranya terdapat Ahli Korporat yang mempunyai bantahan terhadap mana-mana calon yang didapati tidak sesuai untuk menduduki Temuduga Profesional, surat bantahan boleh dikemukakan kepada Setiausaha Kehormat, IEM. Surat bantahan hendaklah dikemukakan sebulan dari tarikh penerbitan dikeluarkan.

Ir. Prof. Dr Zuhaina binti Zakaria
Setiausaha Kehormat, IEM

PERMOHONAN BARU		
Nama	Kelayakan	
KEJURUTERAAN AWAM		
ASMAWI BIN AHMAD	BE HONS (UTM) (CIVIL, 2006)	
KAMARUDDIN BIN ABDUL RAZAK	BSc (GLASGOW) (CIVIL, 1983) MSc (STRATHCLYDE) (PUBLIC HEALTH AND ENVIRONMENTAL ENGINEERING, 1992)	
NOORLIDA BINTI MD YUSOFF	BE HONS (UiTM) (CIVIL, 2013)	
KEJURUTERAAN ELEKTRIKAL		
AGNES PATRICIA A/P GNANASUNDAR	BE HONS (UNITEN) (ELECTRICAL POWER, 2009)	
MOHAMAD NOOR FAIZAL BIN ABDUL RAHIM	BE HONS (UiTM) (ELECTRICAL, 2008)	
KEJURUTERAAN ELEKTRONIK		
ABDELAZIZ HUSSEIN IZZELDIN HUSSEIN	BE HONS (UTP) (ELECTRICAL & ELECTRONICS, 2008)	
HALIAN ADI RIZAL BIN AB HALIM	BE HONS (UNITEN) (ELECTRICAL & ELECTRONIC, 2003) MPE (WESTERN AUSTRALIA) (2015)	
HOR HAN TIN	BE HONS (UTAR) (ELECTRICAL & ELECTRONICS, 2012)	
KEJURUTERAAN KIMIA		
CHAN ZUN MENG	BE HONS (VIRGINIA POLYTECHNIC INSTITUTE) (CHEMICAL, 2016)	
KEJURUTERAAN MEKANIKAL		
MOHD ASMU'I BIN HUSSIN	BE HONS (IIUM) (MECHANICAL - AUTOMOTIVE, 2007)	
ROSLI BIN YUSOP	Dipl. -Ing. (FH) (ALBSTADT-SIGMARINGEN) (MECHANICAL, 2006)	
PERMOHONAN MENJADI AHLI KORPORAT		
Nama	Kelayakan	
KEJURUTERAAN ELEKTRIKAL		
NORDIN BIN RAMLI	BE (KEIO) (ELECTRICAL, 1999) ME (THE UNIVERSITY OF ELECTRO-COMMUNICATIONS) (ELECTRONIC, 2005) PhD (THE UNIVERSITY OF ELECTRO-COMMUNICATIONS) (2008)	
PERPINDAHAN AHLI		
No. Ahli	Nama	Kelayakan
KEJURUTERAAN AWAM		
118181	MOHD FAZRUL SYAMEL BIN HASAN	BE HONS (UiTM) (CIVIL, 2018)
103647	MUHAMMAD FARID BIN GHAZALI	BE HONS (UniMAP) CIVIL, 2016) MSc (UTP) (CIVIL, 2020)
114687	SUHAFENDI BIN SULONG	BE HONS (UiTM) (CIVIL, 2007)
KEJURUTERAAN ELEKTRIKAL		
70248	MOHD FADZLI BIN WAHIDIN	BE HONS (UTeM) (ELECTRICAL (CONTROL, INSTRUMENTATION & AUTOMATION), 2012)
119237	SOON KOK YEW	BE HONS (TARUC) (ELECTRICAL & ELECTRONICS, 2017) MSc (UTAR) (2020)
41290	SUHENDDEN A/L MANOHARA	BE HONS (UNITEN) (ELECTRICAL & ELECTRONICS, 2008)

KEJURUTERAAN ELEKTRONIK

97290	NAGAPPAN ANNAMALAI	BSc HONS (NORTHUMBRIA AT NEWCASTLE) (ELECTRICAL & ELECTRONIC, 2002) PhD (USM) (2015)
100691	NGOO SEONG BOON	BE HONS (USM) (ELECTRICAL & ELECTRONIC, 1997)

KEJURUTERAAN MEKANIKAL

109227	LOH WEI KIAT	BE HONS (UniMAP) (MECHANICAL, 2019)
--------	--------------	-------------------------------------

KEJURUTERAAN MEKATRONIK


88313	MUSTAPHA KAMIL BIN OMRAN	BE HONS (UniMAP) (MECHATRONIC, 2012)
-------	--------------------------	--------------------------------------

KEJURUTERAAN TELEKOMUNIKASI

100857	MOHD AZRUL BIN OSMAN	BE HONS (MALAYA) (TELECOMMUNICATIONS, 2000)
--------	----------------------	---

PERPINDAHAN MENJADI AHLI KORPORAT

No. Ahli	Nama	Kelayakan
KEJURUTERAAN ELEKTRIKAL		
105775	MOHD HILMI BIN ABD MOKHTI	BE HONS (UniKL) (ELECTRICAL, 2013)
112619	LIM YEN YAO	BE HONS (UTAR) (ELECTRICAL & ELECTRONIC, 2019)
111123	YAP JIN PHANG	BE HONS (UTAR) (ELECTRICAL & ELECTRONIC, 2009)
KEJURUTERAAN ELEKTRONIK		
46860	LIM KENG BOON	BE HONS (UKM) (MICROELECTRONICAL, 2009)
KEJURUTERAAN MEKANIKAL		
70408	LEE HSIEN HOONG	BE HONS (UCSI) (MECHATRONIC, 2012)
89636	LEE KIT YEE, SARA	BE HONS (UNITEN) (MECHANICAL, 2010) MSc (MALAYA) (2012) PhD (MALAYA) (2019)
93973	YAP YIAN HEE	BE HONS (SHEFFIELD HALLAM) (MECHANICAL & MANUFACTURING SYSTEMS, 2006)



IEM
The Institution of Engineers, Malaysia


Have you received the email or phone call from IEM?

If you have NOT, please scan the QR Code

IEM Members Database Clean Up Campaign

Or you can go to the IEM website:

- Go to the member's login page.
- Login with your ID and password. Update your profile.
- Pick which TD you would like to get information from.
- Any issue, please email to: sec@iem.org.my



#3

CONTINUATION FROM
APRIL ISSUE 2023

PERMINDAHAN AHLI KEPADA AHLI FELLOW

No. Ahli	Nama	Kelayakan
KEJURUTERAAN ELEKTRIKAL		
62976	IZZAIM DANISH FATHULLAH BIN AHMAD AZHAR	BE HONS (UTeM) (ELECTRICAL - INDUSTRIAL POWER, 2017)
107779	LEE OON CHYE	BE HONS (UTM) (ELECTRICAL, 2020)
101792	LIM KHYE SIEN	BE HONS (UNITEN) (ELECTRICAL POWER, 2020)
76283	MOHAMAD SAIFULLAH B AMIRUDDIN	BE HONS (UTHM) (ELECTRONIC, 2019)
87829	MUHAMMAD HAZIQ DANIAL BIN NORIDAM	BE HONS (UNITEN) (ELECTRICAL POWER, 2019)
86670	MUHAMMAD SYAFIQ BIN SHAMSUL BAHARIN	BE HONS (UITM) (ELECTRICAL, 2019)
91101	TAN LI VEN	BE HONS (UMP)(ELECTRICAL - POWER SYSTEM, 2019)
73801	ZULKARNAEN BIN KALET	BE HONS (UTeM) (ELECTRICAL, 2018)
KEJURUTERAAN ELEKTRONIK		
28513	AHMAD SYADZWAN BIN ABDUL WAHAB	BE HONS (UKM)(ELECTRICAL & ELECTRONIC, 2009)
58333	ALEXIS ANN ANAK HENRY	BE HONS (UNIMAS) (ELECTRONICS - TELECOMMUNICATION, 2016)
46966	MAHALINGAM A/L MOORTHY	BE HONS (UMP) (ELECTRONICS, 2011)
92295	MOHAMMAD FAISAL BIN JINI	BE HONS (UMS) (ELECTRONIC, 2019)
86452	NURUL NATASYA BINTI SHARUDIN	BE HONS (UPNM) (ELECTRICAL & ELECTRONIC - COMMUNICATION, 2019)
85054	RATHOSIVAN A/L GOPAL	BE HONS (UTM)(BIO-MEDICAL, 2019)
KEJURUTERAAN KIMIA		
45136	ANG SENG HENG	ME HONS (THE UNI. OF NOTTINGHAM)(CHEMICAL - ENVIRONMENTAL, 2011)
89390	CHAI YI JUN	BE HONS (UTAR)(CHEMICAL, 2020)
80353	CHEAM WAI CHONG	BE HONS (UTAR)(CHEMICAL, 2019)
104900	CHEW KIT WAYNE	ME HONS (THE UNI. OF NOTTINGHAM)(CHEMICAL, 2016)
73133	KAVINESHSHEN A/L SELVARAJAH	BE HONS (UMP)(CHEMICAL, 2015)
97691	ONG YE SHIAN	ME HONS (THE UNI. OF NOTTINGHAM)(CHEMICAL - ENVIRONMENTAL, 2021)
94546	THIVAGARAN A/L ANAND	BE HONS (MANIPAL INTERNATIONAL UNI.) (CHEMICAL, 2020)
96140	WONG YEE FOONG	BE HONS (UTAR)(CHEMICAL, 2019)
97932	YAP CHING YUEN	BE HONS (UTAR)(CHEMICAL, 2021)
80235	YONG KOK HANG	BE HONS (UTP)(CHEMICAL, 2019)
KEJURUTERAAN MEKANIKAL		
79892	AHMAD HAFEEZ BIN MOHAMED HABEEBULLAH	BE HONS (UNITEN) (MECHANICAL, 2020)
70764	ARDI BIN MUHAMMAD RASYID	BE HONS (UMP) (MECHANICAL, 2016)
101068	CHOW YUEN LEONG	ME HONS (THE UNI. OF NOTTINGHAM)(MECHANICAL, 2019)
63553	Dr. CHIN VUI SHENG, DESMOND DANIEL	BE HONS (UTHM) (MECHANICAL, 2016) PhD (UTHM)(MECHANICAL, 2020)
77784	FAHIZAN BIN MAHMUD	BE HONS (UNIMAS) (MECHANICAL & MANUFACTURING, 2018)
97145	GOH TONG TAI	BE HONS (TARC) (MECHANICAL, 2018)
63574	GUNASHEELAN A/L GENGATHARAN	BE HONS (IUKL) (MECHANICAL, 2020)
52155	HAMIZAH BINTI JUNAIDI	BE HONS (UNIMAS) (MECHANICAL & MANUFACTURING, 2015)
99380	KHO TUCK SING	BE HONS (LIVERPOOL JOHN MOORES)(MECHANICAL & MANUFACTURING, 2002) MSc (UTM)(BUSINESS MANAGEMENT, 2019) MBA (MEJI UNI, 2020) ME (UTM)(MECHANICAL, 2021)
87773	KISHEEN RAO A/L GSANGAYA	BE HONS (UNITEN) (MECHANICAL, 2019)

65033	LEE NENG YUNG	BE HONS (TAYLOR'S UNI.) (MECHANICAL, 2015)
107740	LIM GUAN JYE	BE HONS (UTAR) (MECHANICAL, 2021)
83562	MAD HANIFF BIN MAD RASI	BE HONS (UTeM) (MECHANICAL, 2019)
105377	MARLIYANA ATIQAH BINTI MOHAMAD MOHAID	BE HONS (IUKL) (MECHANICAL, 2021)
82952	MUHAMMAD AIZAT BIN AHMAD SAHARI	BE HONS (UTHM) (MECHANICAL, 2019)
104881	MUHAMMAD AMIR AZIAT BIN ISHAK	BE HONS (UITM) (MECHANICAL, 2019)
91635	MUHAMMAD DANIAL IKMAL BIN RUSMAN	BE HONS (UTHM) (MECHANICAL, 2020)
59700	PHYLISCIA AUDREY ANAK PHILIP	BE HONS (UITM) (MECHANICAL, 2017)
102162	TAN KAI HEE	BE HONS (UTAR) (MECHANICAL, 2021)
88543	TING KEE CHUONG	BE HONS (UCTS) (MECHANICAL, 2019)
58616	TONY ANAK STEWART	BE HONS (UMS) (MECHANICAL & MANUFACTURING, 2016)
108980	VIMALAN A/L CHANDRAN	BE HONS (UTM) (MECHANICAL, 2021)

KEJURUTERAAN MEKATRONIK

30925	SIVAKUMAR A/L NADARAJA	BE HONS (UNISEL) (MECHATRONIC, 2009) ME (UNITEN)(MANAGEMENT, 2015)
-------	------------------------	---

KEJURUTERAAN PEMBUATAN

61044	LIM SYH KAI	BE HONS (UMP) (MANUFACTURING, 2014) MSC (UMP) (MANUFACTURING, 2018)
83428	MIKE WALLICE BIN MOHAMMAD ARZUMI YONG	BE HONS (UTeM) (MANUFACTURING, 2019)
76938	MOHAMAD NUR AKRAM BIN MOHAMMAD ISA	BE HONS (UITM) (MECHANICAL - MANUFACTURING, 2017)

PERMOHONAN MENJADI AHLI SISWAZAH

No. Ahli	Nama	Kelayakan
KEJURUTERAAN AEROANGKASA		
116184	ILYASMIN BINTI HAZHA	BE HONS (THE UNI. OF SHEFFIELD)(AEROSPACE, 2019) MSc (UCL)(ADVANCE MATERIAL SCIENCE, 2020)
116634	Dr. NURUL ZUHAIRAH MAHMUD ZUHUDI	BE HONS (UPM) (AEROSPACE, 2003) MSc (UPM)(AEROSPACE, 2008) PhD (THE UNI. OF AUCKLAND)(MECHANICAL, 2016)
116325	HIDAYATULLAH BIN MOHAMMAD ALI	BE HONS (UPM) (AEROSPACE, 2019)
116141	UMAR MUKHTAR BIN YUNUS	CAAM (DCAM PART 66 CATEGORY C HOLDER) (AIRCRAFT, 2021)

KEJURUTERAAN ALAM SEKITAR

116328	Dr. NURUL HUDA BINTI BAHARUDDIN	BE HONS (UM) (ENVIRONMENTAL, 2007) ME (UPM)(ENVIRONMENTAL, 2010) PhD (UM)(ENVIRONMENTAL, 2015)
--------	---------------------------------	--

KEJURUTERAAN AWAM

116211	SIET UNG WU	BE (UTM)(CIVIL, 2021)
116614	LIAW TEEN FONG, JAYSON	BE HONS (CURTIN UNI. OF TECH.)(CIVIL & CONSTRUCTION, 2014)
116642	PANG HUI YI	BE HONS (INTI INTERNATIONAL UNI.)(CIVIL, 2020)
116327	PARAMASWARY A/P THEGARAJI	BE HONS (INTI INTERNATIONAL UNI.)(CIVIL, 2021)
116148	YEW ZHI CHERN	BE HONS (MONASH UNI.) (CIVIL, 2021)
116134	CHIN KEN LOONG, STEVEN	BE HONS (SEGI UNI.)(CIVIL, 2019)
116341	CHOY SIT WAI	BE HONS (UCSI)(CIVIL, 2016)
116128	KHAIROL NAJAH BINTI ISHAK	BE HONS (UITM)(CIVIL, 2008)
116201	NURUL HIDAYAH BINTI M.NASIR	BE HONS (UITM)(CIVIL, 2013)
116200	DAISY JAY	BE HONS (UITM)(CIVIL, 2016)
116654	MUHAMMAD AZEEM BIN AZLAN	BE HONS (UITM)(CIVIL, 2017)
116135	MUHAMMAD FAISAL BIN MOKHTAR	BE HONS (UITM)(CIVIL, 2019)
116171	ARIF BIN ALI	BE HONS (UM)(CIVIL, 2005)

116635	Dr. YAP SOON POH	BE HONS (UM)(CIVIL, 2011) PhD (UM)(STRUCTURAL, 2015)
116218	HANAN BINTI SAMSUL KAMAL	BE HONS (UM)(CIVIL, 2020)
116392	NUR AFIFAH ZAINUDDIN	BE HONS (UMP)(CIVIL, 2014)
116549	TIEW ENG YANG	BE HONS (UNITEN)(CIVIL, 2015)
116391	RENUKADEVI A/P ALAGAPPAN @ MUNIANDY	BE HONS (UNITEN)(CIVIL, 2018)
116164	MATHIVANAN A/L KRISHNAN	BE HONS (UNITEN)(CIVIL, 2019)
116335	WAN AHMAD FAIZ BIN WAN MOHD FAUZI	BE HONS (UNITEN)(CIVIL, 2021)
116608	LOH JING JACK	BE HONS (USM)(CIVIL, 2020)
116183	LIM KANG YIK	BE HONS (UTAR)(CIVIL, 2020)
116137	TAN KAI XIN	BE HONS (UTAR)(CIVIL, 2020)
116331	PANG JING JING	BE HONS (UTAR)(CIVIL, 2020)
	WOON TIAN MING	BE HONS (UTAR)(CIVIL, 2021)
116163	POOGUHANESWARI SHANMOGANATHAN	BE HONS (UTAR)(CIVIL, 2021)
116339	JUMATLIA BINTI GANE	BE HONS (UTHM)(CIVIL, 2013)
116168	SHAM IZUDDI BIN MAT HUSSIN	BE HONS (UTM)(CIVIL - ENVIRONMENTAL, 2003)
116647	MOHD AZLI BIN ABU BAKAR	BE HONS (UTM)(CIVIL, 2000)
116188	CHE AHMAD ISYAI CHE SAID	BE HONS (UTM)(CIVIL, 2006)
116621	Khairuddin Bin Win	BE HONS (UTM)(CIVIL, 2008)
116340	NORHIDAYAH BINTI RASIN	BE HONS (UTM)(CIVIL, 2009)
116224	Dr. NURUL NORAZIEMAH MOHD PAUZI	BE HONS (UTM)(CIVIL, 2013) MSc (UTM)(CONSTRUCTION MANAGEMENT, 2015) PhD (UKM)(CIVIL & STRUCTURAL, 2019)
116179	BAN SAU SOON	BE HONS (UTM)(CIVIL, 2014)
116162	NASSMIN AMANDA BINTI MOHD NOR AZAM	BE HONS (UTM)(CIVIL, 2015)
116226	NUR HIDAYAH BINTI ZAINAL	BE HONS (UTM)(CIVIL, 2017)
116172	AHMAD NAZRI BIN MUHAMAD	BE HONS (UTM)(CIVIL, 2017)
116653	WAN NURIMAN BIN WAN ABDULLAH	BE HONS (UTM)(CIVIL, 2017)
116206	SASITHARAN A/L SALADURAI	BE HONS (UTM)(CIVIL, 2018)
116221	AMIR AMINUDDIN BIN MOHAMMAD	BE HONS (UTM)(CIVIL, 2019)
116324	NURUL IZZATY BINTI SUPIANDI	BE HONS (UTM)(CIVIL, 2020)
116199	CHUNG CHEN TAT	BE HONS (UTM)(CIVIL, 2021)
116142	MUHAMMAD ZULKIFLI BIN ARIFFIN	BE HONS (UTM)(CIVIL, 2021)
116213	JEREMY NGOLO	BE HONS (UTM)(CIVIL, 2021)
116151	AHMAD FADHULLAH BIN MOHD FOAD	BE HONS (UTM)(CIVIL, 2021)
116174	SI JET	BE HONS (UTP)(CIVIL, 2019) ME (UTM)(GEOTECHNICS, 2021)
116138	NG JIA YI	BE HONS (UTP)(CIVIL, 2020)
116623	JOIDAN LAU ZHI FU	BE HONS (UTP)(CIVIL, 2021)
116153	CHAN RONG XIANG	BSc (UNI. OF MELBOURNE) (CIVIL SYSTEM, 2019) ME (UNI. OF MELBOURNE) (STRUCTURAL, 2020)
116182	YAP KIAN LIM	ME HONS (NOTTINGHAM) (CIVIL, 2015)
116618	CHO CHUN FAI	ME HONS (THE UNI. OF NOTTINGHAM)(CIVIL, 2011)
116337	LEE SHUN HE	ME HONS (THE UNI. OF NOTTINGHAM)(CIVIL, 2020)
116655	RUSSELL CHUA PING YANG	ME HONS (UNI. OF SURREY) (MECHANICAL, 2016)

KEJURUTERAAN BAHAN

116636	Dr. GOH YINGXIN	BE HONS (UM)(MATERIALS, 2010) PhD (UM)(ADVANCE MATERIALS / NANOMATERIALS, 2015)
--------	-----------------	--

KEJURUTERAAN ELEKTRIKAL

116639	WONG SIEW MING, NICHOLAS	BE HONS (NATIONAL UNI. OF SINGAPORE)(ELECTRICAL, 2014)
116208	MOHD KHAIROL IKRAM GHAZALI	BE HONS (ROYAL MELBOURNE INST. OF TECH.)(ELECTRICAL, 2011)
116215	NURUL'AIN BINTI HASHIM	BE HONS (SWINBURNE UNI. OF TECH.)(ELECTRICAL & ELECTRONIC, 2014) ME (UTM)(ELECTRICAL POWER, 2017)
116330	TAN YUEN YING, WINNIE	BE HONS (UCSI) (ELECTRICAL & ELECTRONIC, 2013)
116161	MOHD NOOR HAFIZ BIN ZOOL	BE HONS (UITM) (ELECTRICAL, 2009)
116140	MOHAMAD SYAZWAN BIN MOHD RASHID	BE HONS (UITM) (ELECTRICAL, 2014)

116133	MOHD ZAHIRUDDIN BIN ZULHADY	BE HONS (UTM) (ELECTRICAL, 2016)	116624	Dr. NADHIYA LIYANA MOHD KAMAL	BE HONS (THE UNI. OF AUCKLAND)(ELECTRICAL & ELECTRONIC, 2011)	116638	ABDUL KAYYUM BIN LOKMAN	BE HONS (UNITEEN) (MECHANICAL, 2015)																																				
116180	AHMAD ZULAZLAN SHAH BIN ZULKIFLI	BE HONS (UM)(ELECTRICAL, 2011)			ME HONS (THE UNI. OF AUCKLAND)(ELECTRICAL & ELECTRONIC, 2013)	116610	VIKES A/L VELLAYAN	BE HONS (UNIVERSITY OF BRADFORD)(MECHANICAL, 2010)																																				
116217	Dr. HAZLIHAN BIN HARIS	BE HONS (UM)(ELECTRICAL, 2012)			PhD (THE UNI. OF AUCKLAND)(ELECTRICAL & ELECTRONIC, 2019)	116165	AFIF BIN ARIFFIN	ME (UM)(MECHANICAL, 2014)																																				
		MPHILL (UM)(PHOTONICS, 2014)			BE HONS (UTM) (ELECTRONIC, 2013)	116187	CHAN ZHUO MING	BE HONS (UPNM) (MECHANICAL, 2014)																																				
116197	ALEX ABEL	PHD (UM)(PHOTONIC, 2018)	116646	MOHAMAD FAREZZUL BIN ABU BAKAR	BE HONS (UTM) (ELECTRONIC, 2013)	116648	TEE KIT SIANG	BE HONS (USM) (MECHANICAL, 2010)																																				
116203	SOON AI SHIEN	BE HONS (UMS)(ELECTRICAL & ELECTRONIC, 2007)	116146	MOHAMAD RAFIQ BIN MUHAMMAD DIAH	BE HONS (UTM) (ELECTRONICS, 2018)	116619	WONG YU LUN	BE HONS (UTAR) (MECHANICAL, 2011)																																				
116332	AHMAD KHAIRI BIN MAJEED	BE HONS (UMS)(ELECTRICAL & ELECTRONICS, 2013)	116186	WAN AHMAD RIDWAN BIN WAN MAT TAHIR	BE HONS (UNITEEN) (ELECTRICAL & ELECTRONIC, 2004)	116212	SHEIKH MASOOD ABDULLAH	BE HONS (UTAR) (MECHANICAL, 2021)																																				
116617	GARY JOHNSTON J. UNSAI	BE HONS (UMS)(ELECTRICAL & ELECTRONICS, 2016)	116645	MUHD AMIRUL HAFIZI BIN SUKOR	BE HONS (UNITEEN) (ELECTRICAL & ELECTRONIC, 2020)			BE HONS (UTeM) (MECHANICAL - STRUCTURE & MATERIAL, 2011)																																				
116622	UBAIDILLAH BIN MOHAMAD	BE HONS (UNI. OF TASMANIA)(ELECTRICAL POWER, 2017)	116628	NORAILIN BINTI MOHD AMIN	BE HONS (UTM)(BIO-MEDICAL, 2010)	116214	MUHAMMAD NAZIM BIN MUHD NAWAWI	BE HONS (UTeM) (MECHANICAL - STRUCTURE & MATERIAL, 2016)																																				
116210	KHAIRUL FAHMI BIN KHUSHAINI	BE HONS (UNIKL) (ELECTRICAL, 2016)	116159	AMIRUL HAZEIM BIN FAIZUL	BE HONS (UTM)(ELECTRICAL - ELECTRONICS, 2017)	116656	FARIHANA BINTI A. RAHMAN	BE HONS (UTM) (MECHANICAL, 2010)																																				
116637	MOHAMAD IZZUDDIN BIN KADIR	BE HONS (UNIKL) (ELECTRICAL, 2017)	116643	Dr. NIK NUR WAHIDAH BINTI NIK HASHIM	BE HONS (VANDERBILT UNI.) (ELECTRICAL, 2009)	116326	MUHAMMAD HAFIZ BIN MOHD MERA	BE HONS (UTM) (MECHANICAL, 2013)																																				
116657	NORAZMAN BIN ROSLAN	BE HONS (UNIMAP) (ELECTRICAL ENERGY SYSTEMS, 2014)			MSc (VANDERBILT UNI.) (ELECTRICAL, 2011)	116631	SHAHIRUL NIZAM BIN MD HELMI	BE HONS (UTM) (MECHANICAL, 2014)																																				
		BE HONS (UNITEEN) (ELECTRICAL & ELECTRONIC, 2017)	116641	NURHAKIMAH BINTI NORHASHIM	PhD (VANDERBILT UNI.)(2014)	116633	KHAIRIL MUZAMIL BIN AHMAD NIZAR	BE HONS (UTM) (MECHANICAL, 2014)																																				
116185	THIVHANANTHAN A/L THAMILSELVEN	BE HONS (UNITEEN) (ELECTRICAL & ELECTRONIC, 2017)			ME HONS (UNI. OF SURREY) (ELECTRONIC, 2012)	116143	GAN CHEE PING	BE HONS (UTM) (MECHANICAL, 2021)																																				
116173	MOHD ZULFADLI BIN OTHMAN	BE HONS (UNITEEN) (ELECTRICAL & ELECTRONICS, 2009)	KEJURUTERAAN KIMIA			116223	MUHAMMAD FAREEZ BIN MUHAMMAD IDRIS	BE HONS (UTP) (MECHANICAL, 2014)																																				
116158	PARTHIBAN A/L PERUMAL	BE HONS (UNITEEN) (ELECTRICAL POWER, 2015)	116548	ANANDA PRAGASHA NAIR	BE HONS (CURTIN UNI.) (CHEMICAL, 2013)	116652	PANG CHANG TZE	BE HONS (UTP) (MECHANICAL, 2016)																																				
116202	NABILAH BINTI RAZA	BE HONS (UNITEEN) (ELECTRICAL POWER, 2017)	116131	DIYANA BINTI ZAMRI	BE HONS (THE UNI. OF SYDNEY)(CHEMICAL, 2009)	116338	ONG ZHAU ZI	ME HONS (THE UNI. OF NOTTINGHAM)(MECHANICAL, 2016)																																				
116152	MUHAMMAD DANIAL BIN MOHD KHAZAE	BE HONS (UNITEEN) (ELECTRICAL POWER, 2020)	116640	CHIN ANN HWA	MPHILL (THE UNI. OF SYDNEY, 2012)	116632	HENG YEN FERN	ME HONS (THE UNI. OF NOTTINGHAM)(MECHANICAL, 2019)																																				
116176	MOHAMAD HAFISZUL AMIN BIN MOHAMED FAU'AD	BE HONS (UNITEEN) (ELECTRICAL POWER, 2021)	116612	NOORATIKAH BINTI MOHD KASSIM	BE HONS (UCSI UNI.) (CHEMICAL, 2019)	116649	ABDUL RASHID BIN JAMIL	ME HONS (UNI. OF SURREY) (MECHANICAL, 2016)																																				
116629	TAN TIEN WEE	BE HONS (UPM)(ELECTRICAL & ELECTRONICS, 2019)	116150	ZULHILMI BIN KHAMIS	BE HONS (UMP)(CHEMICAL, 2014)	KEJURUTERAAN MEKATRONIK																																						
116333	MARTHA CARRMEN ANAK MARCONI	BE HONS (USM) (ELECTRICAL, 2021)	116609	AZEELIA SONIA BAYANG	BE HONS (UPM)(CHEMICAL, 2018)	116160	HAIDER ALI KHAN	BE HONS (APU) (MECHATRONICS, 2020)																																				
116136	GUAN JUEEN NAM	BE HONS (UTAR) (ELECTRICAL & ELECTRONIC, 2018)	KEJURUTERAAN MARINE			116616	AHMAD JAZLAN BIN HAJA MOHIDEEN	BE HONS (IUM) (MECHATRONICS, 2010)																																				
116167	RABBANI ZAINULARIFFIN BIN PUSLAN	BE HONS (UTeM) (ELECTRICAL - INDUSTRIAL POWER, 2016)	116222	SARAVANAN VENKADASALAM	COC MARINE CLASS 1 (MARINE DEPARTMENT MALAYSIA)(2017)	116149	ERDY SULINO BIN MOHD MUSLIM TAN	BE HONS (UNIMAP) (MECHATRONIC, 2009)																																				
116227	TIMOTHY HARLEY JAMES	BE HONS (UTM) (ELECTRICAL, 2008)	KEJURUTERAAN MEKANIKAL					MSc (UNIMAP) (MECHATRONIC, 2019)																																				
116177	SYAMSULAMIR BIN MOHAMAD	BE HONS (UTM)(ELECTRICAL - INSTRUMENTATION AND CONTROL, 2008)	116228	MUHAMMAD ZULHILMI BIN ZAKARIA	BE (UMP)(MECHANICAL, 2013)	Note: Continuation would be published in June 2023. For the list of approved "ADMISSION TO THE GRADE OF STUDENT", please refer to IEM web portal at http://www.myiem.org.my.																																						
116204	MUHAMAD SOHIR BIN RAMLI	BE HONS (UTM) (ELECTRICAL, 2006)	116626	MOHD AIZAT BIN MOKHTAR	BE (UNI. OF WOLLONGONG) (MECHANICAL, 2014)																																							
116547	ROZAIDI BIN YAAKUB	BE HONS (UTM) (ELECTRICAL, 2009)	116147	WONG HWAN LIANG, DOMINICK	BE HONS (CURTIN UNI) (MECHANICAL, 2020)	Pengumuman yang ke-174																																						
116178	NABILA SILAM BINTI ABU MUSLIM	BE HONS (UTM) (ELECTRICAL, 2010)	116613	HARIHARAN THAMILARASU	BE HONS (MANIPAL INTERNATIONAL UNI.) (MECHANICAL, 2020)																																							
116334	MOHD FAIZAZRIN BIN MOHD ANUAR	BE HONS (UTM) (ELECTRICAL, 2011)	116166	LIM KEE MING	BE HONS (MONASH UNI.) (MECHANICAL, 2014)	SENARAI PENDERMA KEPADA WISMA DANA BANGUNAN IEM																																						
116209	MOHD AFIQ HAIZAT BIN MOKHTAR	BE HONS (UTM) (ELECTRICAL, 2015)	116225	AIDEE SHAHMI BIN KHAIRUL ANNUR	BE HONS (ROYAL MELBOURNE INST. OF TECH.)(MECHANICAL, 2020)																																							
116651	KELVINDY JIVET	BE HONS (UTM) (ELECTRICAL, 2016)	116329	LOO JIA HOA	BE HONS (TAYLOR'S UNI.) (MECHANICAL, 2018)	Institusi mengucapkan terima kasih kepada semua yang telah memberikan sumbangan kepada tabung Bangunan Wisma IEM. Ahli-ahli IEM dan pembaca yang ingin memberikan sumbangan boleh berbuat demikian dengan memuat turun borang di laman web IEM http://www.iem.org.my atau menghubungi sekretariat di +603-7968 4001 / 5518 untuk maklumat lanjut. Senarai penyumbang untuk bulan Mac 2023 adalah seperti jadual di bawah:																																						
116220	KAMARUZAMAN BIN HAMDAN	BE HONS (UTM) (ELECTRICAL, 2016)	116625	HARISHAN SATHIAN	ME HONS (UNI. OF BIRMINGHAM)(MECHANICAL, 2020)																																							
116139	ABDUL RAHIM BIN ABU TALIB	BE HONS (UTM) (ELECTRICAL, 2017)	116132	AZFAZ SHAH BIN AZMAN SHAH	BE HONS (TAYLOR'S UNI.) (MECHANICAL, 2021)	<table><tr><th>NO.</th><th>NO. AHLI</th><th>NAMA</th></tr><tr><td>1</td><td>40010</td><td>MR. TERENCE SELVIN A/L ABRAHAM PATTU</td></tr><tr><td>2</td><td>10387</td><td>Ir. DR LOW GUAN TUI</td></tr><tr><td>3</td><td>70298</td><td>Ir. MD NASIR BIN MD ISA</td></tr><tr><td>4</td><td>13505</td><td>SDR. CHUA BOON HWEI</td></tr><tr><td>5</td><td>25636</td><td>Ir. CHONG SENG GOU, WESLEY</td></tr><tr><td>6</td><td>11946</td><td>MR. CHEW YEE CHUAN</td></tr><tr><td>7</td><td>17175</td><td>DR AHMAD FARHAN BIN MOHD SADULLAH</td></tr><tr><td>8</td><td>80577</td><td>MR. SURENDRAN KANDASAMY</td></tr><tr><td>9</td><td>59052</td><td>MR. ARULHAIZAL BIN ADAM HAMZAH</td></tr><tr><td>10</td><td>43557</td><td>MR. MOHD FAUZI BIN OMAR</td></tr><tr><td>11</td><td>87056</td><td>MR. AZAHARI BIN MD. REJAB</td></tr></table>			NO.	NO. AHLI	NAMA	1	40010	MR. TERENCE SELVIN A/L ABRAHAM PATTU	2	10387	Ir. DR LOW GUAN TUI	3	70298	Ir. MD NASIR BIN MD ISA	4	13505	SDR. CHUA BOON HWEI	5	25636	Ir. CHONG SENG GOU, WESLEY	6	11946	MR. CHEW YEE CHUAN	7	17175	DR AHMAD FARHAN BIN MOHD SADULLAH	8	80577	MR. SURENDRAN KANDASAMY	9	59052	MR. ARULHAIZAL BIN ADAM HAMZAH	10	43557	MR. MOHD FAUZI BIN OMAR	11	87056	MR. AZAHARI BIN MD. REJAB
NO.	NO. AHLI	NAMA																																										
1	40010	MR. TERENCE SELVIN A/L ABRAHAM PATTU																																										
2	10387	Ir. DR LOW GUAN TUI																																										
3	70298	Ir. MD NASIR BIN MD ISA																																										
4	13505	SDR. CHUA BOON HWEI																																										
5	25636	Ir. CHONG SENG GOU, WESLEY																																										
6	11946	MR. CHEW YEE CHUAN																																										
7	17175	DR AHMAD FARHAN BIN MOHD SADULLAH																																										
8	80577	MR. SURENDRAN KANDASAMY																																										
9	59052	MR. ARULHAIZAL BIN ADAM HAMZAH																																										
10	43557	MR. MOHD FAUZI BIN OMAR																																										
11	87056	MR. AZAHARI BIN MD. REJAB																																										
116154	EZZA FAZIELA BINTI ISA	BE HONS (UTM) (ELECTRICAL, 2018)	116157	MUHAMAD SYAFIQ HAIKAL BIN MOHD SHARIF	BE HONS (UTM) (MECHANICAL, 2019)																																							
116155	AMRI BIN MISRI	BE HONS (UTM) (ELECTRICAL, 2018)	116630	KUA WEE CHENG	BE HONS (UNIMAP) (MECHANICAL, 2019)																																							
116480	MOHD SYAEZAN BIN ABU HASHIM	BE HONS(UTM)(ELECTRICAL - ELECTRONICS, 2014)	116181	MOHAMAD REZZA BIN MOHD ROZI	BE HONS (UNIMAP) (MECHANICAL, 2019)																																							
116336	Dr. ZAIPATIMAH ALI	BSc (PURDUE UNI.) (ELECTRICAL, 1998)	116611	WONG KHEI XUAN	BE HONS (UNIMAP) (MECHANICAL, 2019)																																							
		MSc (PURDUE UNI.) (ELECTRICAL & COMPUTER, 2003)	116129	SIEW BOON KEAT	BE HONS (UNITEEN) (MECHANICAL, 2015)																																							
		PhD (THE UNI. OF MANCHESTER)(ELECTRICAL & ELECTRONIC, 2015)	116130	CHIN CHONG HO	BE HONS (UNI. OF SUNDERLAND) (MECHANICAL, 2016)																																							
116644	HUNG JIEW HOONG	BSc (THE UNI. OF TOLEDO) (ELECTRICAL, 2002)			ME (UM)(MECHANICAL, 2020)																																							
116207	MUHAMMAD NABIL BIN NORDIN	ME HONS (THE UNI. OF SHEFFIELD)(ELECTRICAL & ELECTRONIC, 2019)			BE HONS (UNI. OF SUNDERLAND) (MECHANICAL, 2016)																																							
KEJURUTERAAN ELEKTRONIK					ME (UM)(MECHANICAL, 2020)																																							
116627	LOH CHEN KAI	BE HONS (UNITEEN) (ELECTRICAL & ELECTRONICS, 2020)	116170	MUHAMMAD ZAFIQ IKHWAN BIN ZAINAL	BE HONS (UNIMAP) (MECHANICAL, 2019)																																							
116620	KESAVAN PANJAVARNAM	BE HONS (MMU) (ELECTRONICS - ROBOTIC & AUTOMATION, 2017)	116216	MUHAMAD EHSAN BIN ZAINON	BE HONS (UNIMAP) (MECHANICAL, 2019)																																							
116219	Dr. NG ZI NENG	BE HONS (MMU) (ELECTRONICS, 2011)	116156	SATHIS KUMAR A/L KANASON	BE HONS (UNITEEN) (MECHANICAL, 2013)																																							
		MESc (MMU)(2014)	116205	RISHI KUMAR SUNDARASS	BE HONS (UNITEEN) (MECHANICAL, 2015)																																							
		PhD (MMU)(2019)																																										

THE INSTITUTION OF ENGINEERS, MALAYSIA (IEM)
INVITES ALL ITS MEMBERS TO



IEM

The Institution of Engineers, Malaysia

family DAY 2023

SUNDAY | **9AM - 1PM**
21 MAY 2023 | **XIAMEN UNIVERSITY,**
SEPANG

FREE FLOW FOOD | LUCKY DRAW
CARNIVAL GAMES | LOTS OF FUN

FREE ENTRY
FOR ALL
IEM MEMBERS!



**REGISTER
NOW !!!**

BY SCANNING THE
QR CODE



**ENTERTAINMENT FOR THE
WHOLE FAMILY !!!**



UTM KL LIBRARY

CORPORATE MEMBERSHIP SERVICE

WE ARE CURRENTLY A MEMBER OF UTM KL LIBRARY AND SIRIM TECHNICAL LIBRARY

IEM IS NOW A CORPORATE MEMBER OF UTM KL LIBRARY AND
IEM MEMBERS CAN NOW ENJOY THE FOLLOWING BENEFITS:

- Two library membership cards available for use
- Vast collection of academic research, technical papers, news, business forecast, international standards, & etc in the fields on science & technology as well as social sciences & humanities.
- In campus access to library electronic resources
- Loan eligibility for books
- Information consultation in information searching



SIRIM TECHNICAL LIBRARY



Enjoy the privileges of SIRIM Technical Library membership scheme



**UNLIMITED
REFERENCE**



**LOAN
PRIVILEGE**



**STANDARD
UPDATE SERVICES**



**DISCOUNTS ON
STANDARDS
PURCHASE**



**ONLINE
PUBLICATION**



**ONLINE ACCESS
TO DATABASE**

FOR MORE DETAILS KINDLY CONTACT IEM LIBRARIAN



03 79684012



lib@iem.org.my

EXPLORE OUR FULL SET
OF PROFESSIONAL &
INTEGRATED

PUBLISHING MANAGEMENT SERVICES



PROJECT
MANAGEMENT



CREATIVE
MANAGEMENT



AD SPACE
MANAGEMENT



PRINT
MANAGEMENT



MAILING
MANAGEMENT

- Annual Reports
- Booklets
- Brochures
- Buntings
- Business Cards

- CD / DVD Replications
- Calendars
- Cards & Invitations
- Certificates
- Custom Printings

- Envelopes
- Folders
- NCR Bill Books
- Notepads
- Leaflets

- Letterheads
- Paper Bags
- Posters
- Stickers
- Others

For enquiries, please contact:



dimensionpublishing
The Choice of Professionals

Authorised Publisher: The Institution of Engineers, Malaysia (IEM) - JURUTERA

Dimension Publishing Sdn Bhd [199701034233 (449732-T)]

📍 Level 18-01-02, PJX-HM Shah Tower,
No. 16A, Persiaran Barat, 46050 Petaling Jaya,
Selangor Darul Ehsan, Malaysia.

☎ +603 7493 1049
☎ +603 7493 1047
✉ info@dimensionpublishing.com

👤 Joseph How : +6011 1234 8181
Shirley Tham : +6016 283 3013