



ANNUAL REPORT

**52nd ANNUAL
GENERAL MEETING**



IEM

The Institution of Engineers, Malaysia
(Southern Branch)
Institutusi Jurutera Malaysia
(Cawangan Selatan)

**LAPORAN TAHUNAN
MESYUARAT AGUNG
TAHUNAN KE-52**

22nd March 2025
HOLIDAY VILLA, JOHOR BAHRU

THE INSTITUTION OF ENGINEERS, MALAYSIA (SOUTHERN BRANCH)

No. 24-B, Jalan Abiad, Taman Tebrau Jaya, 80400 Johor Bahru, Johor, Malaysia.

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MESYUARAT AGUNG TAHUNAN KE-52 52nd ANNUAL GENERAL MEETING

VENUE : HOLIDAY VILLA JOHOR BAHRU CITY CENTRE

DATE : 22nd MARCH 2025

TIME : 11.00 A.M.

BEM Approved
CPD/PDP HOURS: 4.0
Ref No: IEM25/SB/050/AGM



3rd February 2025

TO ALL MEMBERS, IEM (SOUTHERN BRANCH)

NOTICE OF 52nd ANNUAL GENERAL MEETING OF THE INSTITUTION OF ENGINEERS, MALAYSIA (SOUTHERN BRANCH) – 22nd MARCH 2025

Please be informed that in accordance with Section 40 of the IEM (Southern Branch)'s By-Laws And Regulations, **NOTICE IS HEREBY GIVEN THAT** The 52nd Annual General Meeting of The Institution of Engineers, Malaysia (Southern Branch) will be held as follows:

Date : Saturday, 22nd March 2025
Time : 11:00 a.m.
Venue : Auditorium, 10th Floor, Holiday Villa Johor Bahru City Centre


The Agenda for the Annual General Meeting is as follows:

- 1) Opening Address by the Chairman Session 2024/2025
- 2) Confirmation of Minutes of the 51st Annual General Meeting
- 3) Matters Arising
- 4) Annual Report for Session 2024/2025
- 5) Statement of Financial Accounts Ending 31st December 2024
- 6) Election of Internal Auditors
- 7) Election Results for Executive Committee for Session 2025/2026
- 8) Change of Office Bearers
- 9) Address by the President, Session 2024/2025
- 10) Any Other Business

Members are requested to return the Attendance Reply Slip to the Secretariat by **18th March 2025**.

Thank you.

Yours faithfully,


Ir. So Wee Siang
Hon. Secretary
IEM (Southern Branch)

THE INSTITUTION OF ENGINEERS, MALAYSIA

(Southern Branch)

No. 24-B, Jalan Abiad, Taman Tebrau Jaya, 80400 Johor Bahru, Johor, Malaysia.

Tel: 07-331 9705 / 07-336 3406 Email: iemsouthern@gmail.com

Website: www.iemsb.org.my

EXECUTIVE COMMITTEE MEMBERS 2024/2025



Chairman
Ir. DAVID PUEN MING SHEN
B. Eng. (Hons) Civil (UNITEN)
MIEM P.Eng. PMP



Immediate Past Chairman
Ir. THAYALA R SELVADURAY P.I.S
BSc (Hons). P.Eng, C.Eng,
MIEM, MIET



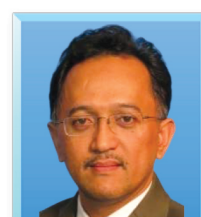
Vice Chairman
Ir. KAMISAN BIN TURIMAN
B. Eng. (Hons) UKM, P. Eng., MIEM,
CCPM (CIDB), ACPM



Vice Chairman
Ir. Prof. Dr. SHARUL KAMAL BIN
ABDUL RAHIM
B.Sc. (Tennessee) M. Eng. (UTM)
Ph.D. (Birmingham) MIEM P.Eng
SMIEEE APEC Eng. Int. PE



Hon. Secretary
Ir. SO WEE SIANG
B.Eng (Hons.) Civil (UTM) P.Eng MIEM



Hon. Treasurer
Ir. JURAIMI BIN MASOOD
B.Sc. Elect. P.Eng, MIEM



Committee Member
Ir. HAJAH NAZATUL SHIMA
BINTI MOHAMAD S.I.J.
B.Eng. (Hons) Liverpool, M. Mgt
Technology (UTM), P.Eng. MIEM



Committee Member
Ir. Dr. NOOR NABILAH
BINTI SARBINI
B.Eng. (Hons) UTM, M.Eng UTM, Ph.D.
(UTM) P.Eng. MIEM, Aff.M.ASCE



Committee Member
Ir. JASON LIM WUH TERNG
B.Eng. (Hons), MSc (Geoscience),
P.Eng. MIEM



Committee Member
Ir. TAN XIAN HUI
B.E. (Civil) UNSW.
P.Eng. MIEM

EXECUTIVE COMMITTEE MEMBERS 2025/2026



Chairman
Ir. DAVID PUEN MING SHEN
B. Eng. (Hons) Civil (UNITEN)
MIEM P.Eng. PMP



Immediate Past Chairman
Ir. THAYALA R SELVADURAY P.I.S
BSc (Hons). P.Eng, C.Eng,
MIEM, MIET



Vice Chairman
Ir. Prof. Dr. SHARUL KAMAL BIN
ABDUL RAHIM
B.Sc. (Tennessee) M. Eng. (UTM)
Ph.D. (Birmingham) MIEM P.Eng
SMIEEE APEC Eng. Int. PE



Vice Chairman
Ir. Dr. KONG WENG KEONG
B.Eng (Hons) Civil (Salford)
M.Sc (UTM) M.Sc (NUS) M.St (Cambridge)
DBA (Wales) P.Eng, MIEM,
CCPM (CIDB), FCIQB, FRICS



Hon. Secretary
Ir. SO WEE SIANG
B.Eng (Hons.) Civil (UTM) P.Eng MIEM



Hon. Treasurer
Ir. JURAIMI BIN MASOOD
B.Sc. Elect. P.Eng, MIEM



Committee Member
Ir. TAN XIAN HUI
B.E. (Civil) UNSW.
P.Eng. MIEM



Committee Member
Ir. JASON LIM WUH TERNG
B.Eng. (Hons), MSc (Geoscience),
P.Eng. MIEM



Committee Member
Ir. Dr. NOOR NABILAH BINTI
SARBINI
B.Eng. (Hons) UTM, M.Eng UTM, Ph.D.
(UTM) P.Eng. MIEM, Aff.M.ASCE



Committee Member
Ir. BONG BENG SIONG
B.Eng. (Hons), P.Eng, MIEM,
ASEAN Eng, ACPE, APEC
Eng, IntPE, ETAC Panel

BRANCH CHAIRMAN

2022/2023, 2023/2024	Ir. THAYALA R SELVADURAY PIS BSc (Hons). P.Eng C.Eng MIEM MIET
2020/2021, 2021/2022	Ir. WONG YEE FOONG B. Sc. (Manitoba) MIEM PEPC MACEM MGBC GBIF MASHRAE
2018/2019, 2019/2020	Ir. TEO KIYUEE B.Sc.Civil(Manitoba) FIEM P.Eng Adv. Dip.B.A. MACEM AFEO
2016/2017, 2017/2018 (Nov 2016–Jun 2018)	Ir. Hj. MOHD KHIR BIN MUHAMMAD B.Sc.(Wichita St USA) MBA(UTM) FIEM P.Eng FIES IntPE(MY) APEC Engineer Hon. MAFEO ASEAN Eng. ACPE MAIAA MMIM
2016/2017 (Jun 2016–Nov 2016)	Ir. LEE MENG CHIAT B.Eng.(Hons.) M.Sc.(NUS) P.Eng MIEM MACEM MIES MIHT MASCE ASEAN Eng. APEC Eng. Int. PE
2014/2015, 2015/2016	Ir. Assoc. Prof. Dr. HAYATI BINTI ABDULLAH B.Sc. Mech.Eng (Clemson) M. Mech.Eng (UTM) Ph.D Mech.Eng (UTM) P.Eng CEng CMarEng ASEAN Eng Hon. MAFEO FIMarEST FIEM MIEEE MEPA REEM
2012/2013, 2013/2014	Dato' Ir. DAVID LEE HOKE HAI DSAP BEM/MIEM (Parts I & II) FIEM P.Eng Hon. MAFEO ASEAN Eng. MACEM
2010/2011, 2011/2012	Ir. Hj. MOHD KHIR BIN MUHAMMAD B.Sc.(Wichita St USA) MBA(UTM) FIEM P.Eng FIES IntPE(MY) APEC Engineer Hon. MAFEO ASEAN Eng. ACPE MAIAA MMIM
2008/2009, 2009/2010	Ir. SIM TIAN LIANG PKC B.Eng.(Hons)(UTM) MIEM P.Eng Hon. MAFEO ASEAN Eng. MIHT
2006/2007, 2007/2008	The Late Ir. Prof. Dr. AMIR HASHIM BIN MOHD. KASSIM JSM B.Sc.(Hons.)(Strath.) M.Sc.(CSU) Ph.D.(Birmingham) FIEM P.Eng
2004/2005, 2005/2006	Dato' Ir. STEVE CHONG YOON ON DIMP PJK B.Sc.(Hons.) Civil Eng. (London) FIEM P.Eng Hon. MAFEO ASEAN Eng. C.Eng. MICE MASCE
2003/2004	Dato' Ir. NG AH KOW DIMP AMP PKT PK B.Eng.(Hons.)(Mal.) FIEM P.Eng Hon. MAFEO ASEAN Eng.
2001/2002, 2002/2003	Ir. PUEN TAK HONG B.Sc.(Hons.)(Strath.) FIEM P.Eng
1999/2000, 2000/2001	Dato' Ir. STEVE CHONG YOON ON DIMP PJK B.Sc.(Hons.) Civil Eng. (London) FIEM P.Eng Hon. MAFEO ASEAN Eng. C.Eng. MICE MASCE
1997/1998, 1998/1999	Ir. CHAN CHOONG CHEONG KMN PIS AMN PLP B.Eng.(Hons)(Mal.) M.Phil.(Southampton) FIEM P.Eng Hon. MAFEO ASEAN Eng. C.Eng. FTAM MICE
1995/1996, 1996/1997	Dato' Ir. Prof. Dr. MOHAMMAD NOOR BIN Hj. SALLEH DSDK JSM B.Sc. M.Sc. Ph.D. FIEM P.Eng FMTAM MMIM MIWRAA FASCE
1993/1994, 1994/1995	Ir. TEH SEA CHUAN PIS B.Sc.(ENG)(Hons)(London) FIEM P.Eng Hon. MAFEO ASEAN Eng. C.Eng. MICE MIHT MIES
1991/1992, 1992/1993	Dato' Ir. LIM CHOW HOCK DPSK BSK PIS B.Sc.(Hons.)(Mal.) Cer.WRT (B'ham) FIEM P.Eng MMIM MRCA Auditor CPESC MyWP MyCBNet MMHS MMSO Int. PE APEC Engineer Hon. FAFEO ASEAN Eng.
1989/1990, 1990/1991	The Late Ir. CHYE CHERN YEE B.Sc.(Hons.)(Strath.) FIEM P.Eng FBIM FTAM MMIM
1987/1988, 1988/1989	Ir. OOI KAO YANG B.Eng.(Hons.)(S'pore) FIEM P.Eng MIES MASCE MSEASSE
1986/1987	Ir. CHING GOO KIA B.Sc.(Hons.) FIEM P.Eng C.Eng. MICE
1985/1986	Ir. ROGER LING UNG YII B.Eng.(Hons.) MIEM P.Eng MIE(Aust.) MASCE
1983/1984, 1984/1985	Ir. LEE KIM KIEW B.Sc.(Hons.) FIEM P.Eng C.Eng. MICE MISructE
1981/1982, 1982/1983	The Late Dato' Ir. OOI TIONG LEE SDIJ PIS BSI BCK B.Eng. Dip.(TC Planning) MIEM P.Eng MIE(Aust.)
1979/1980, 1980/1981	The Late Ir. S. DEVENDRAN SMJ KMN PIS PJK B.Eng. Dip.(BTC) FIEM P.Eng FTAM FIHE FIQ MASCE
1977/1978, 1978/1979	The Late Ir. CHAN SWEE SENG MBA B.Eng.(Hons.) FIEM P.Eng C.Eng. FIAM MICE MASCE MIE(Aust.)
1976/1977	Dato' Ir. CHEAH THEAN SUN DPMJ SMJ BSI PIS AMN Dip.(BTC) DIC. MIEM P.Eng
1975/1976	Dato' Ir. TAY LANG SENG DPMJ KMN PIS PJK B.Eng.(Hons.) MIEM P.Eng C.Eng. MICE
1974/1975	Dato' Ir. Hj. SHAMSURI BIN Hj. ALI DPMJ AMN PIS BSK PJK B.Eng. MIEM P.Eng

MINUTES OF THE 50TH ANNUAL GENERAL MEETING OF THE INSTITUTION OF ENGINEERS, MALAYSIA (SOUTHERN BRANCH) ON 9TH MARCH 2024 AT GRAND PARAGON HOTEL, JOHOR BAHRU.

Agenda

- 1.0 Opening Address by the Chairman for Session 2023/2024
- 2.0 Confirmation of Minutes of the 50th Annual General Meeting
- 3.0 Matters Arising
- 4.0 Annual Report for Session 2023/2024
- 5.0 Statement of Financial Accounts Ending 31st December 2023
- 6.0 Election of Internal Auditors
- 7.0 Election Results for Executive Committee for Session 2024/2025
- 8.0 Change of Office Bearers
- 9.0 Any Other Business

1.0 Opening Address by the Chairman for Session 2023/2024

- 1.1 The Chairman, Ir. Thayala R. Selvaduray (M03717) called the meeting to order at 11.00 a.m. He extended his gratitude to all members who were present in the meeting.
- 1.2 He noted that his chairmanship began shortly after a recovery period, requiring adaptation to hybrid meetings and navigating the challenges of a recovering business environment and shifting mindsets. Despite the difficulties and the “ups and downs,” he expressed his honour in having served and enjoyed the experience.
- 1.3 The Chairman emphasized IEM Southern Branch's (IEMSB) leadership role and its commitment to collaboration with other professional bodies. Highlighting IEM's history since 1959 and its diverse membership, he encouraged engineers to embrace leadership and take pride in their contributions. He acknowledged the post-COVID shifts, including the prevalence of online meetings and increased social media use, noting the challenges of balancing these changes. He reported that IEMSB's membership had exceeded 5,500 members and IEM Malaysia's had surpassed 50,000, outlining their work in professional development, guidelines, awareness programs, and government collaboration. The Chairman expressed gratitude for the mentorship and support received during his two-year chairmanship, acknowledging the challenges and the rewarding experience of serving members, society and authorities.
- 1.4 The Chairman summarized IEMSB's diverse activities, including seminars, technical talks, visits, young engineers' events, gatherings, university collaborations (UTM and UTHM), and networking with national and ASEAN-region organizations (SIJORI, AFEO, CAFEO). He thanked the committee, secretariats, and YES for their contributions to his successful two-year term, emphasizing teamwork in notable events.
- 1.5 The Chairman's initial challenge was pursuing a vision for an engineering incubation centre, a long-term project driven by the IEM President, Dato' Ir. Prof. Dr. Norlida Binti Bunyamin (F13746), to promote self-sustainability and property ownership for each branch. The President envisioned that IEMSB to acquire its own land.
- 1.6 The Chairman reported the successful hosting of the AFEO Mid-Term Meeting in August 2022, supported by various organizations and the Johor State Government. Over 150 engineers from ASEAN countries participated in the three-day event, which included meetings with ASEAN women and young engineers. Discussions focused on engineering cooperation and developing guidelines in areas such as emergency preparedness, engineering mobility, transportation, education, sustainable cities, safety, and manufacturing, involving all ten ASEAN nations. These guidelines are discussed at the biannual conferences.

- 1.7 The Chairman highlighted the publication of the "IEM Guideline on the Prevention and Control of Dengue" in April 2022, a nationwide effort initiated by IEM in 2021, with special thanks to Ir. John Cheah Kam Loong (F01186), led by Dato' Ir. Lim Chow Hock (HF02531), IEMSB's past chairman and current IEM President, the task force of 23 engineers, including five from IEMSB, produced the handbook, which has been distributed nationally and internationally, including to Rotary Clubs. It is also being considered for university engineering curriculum. The Chairman praised Dato' Ir. Lim Chow Hock's leadership and Ir. John Cheah's continued dedication to the project.
- 1.8 The Chairman described DECCO (Developers, Engineers, Consultants, and Contractors), an organization of eight professional bodies, including IEMSB, working with the Greater Johor Bahru local authorities (MBJB, MBMK, MBIP, MBPG) to accelerate development. IEMSB was represented by Dato' Ir. Ng Ah Kow (F04883) and Ir. Assoc. Prof. Dr. Hayati Binti Abdullah (F16513) in these meetings, where engineers are highly regarded and given priority. The Chairman emphasized the importance of maintaining this level of engagement with professional bodies.
- 1.9 The Chairman also updated the resumption of fellowship activities with the Institution of Engineers Singapore (IES). Recognizing increased mobility between the two countries, both IEMSB and IES agreed to focus on young engineer fellowships, including university programs and graduate exchanges. The hope is that young engineers will continue to build this relationship.
- 1.10 The Chairman updated the meeting on IEMSB's pilot project for STEM education, recognizing its national importance despite controversies. The project, initially led by Ts. Kenneth Chaw Vui Ken and later by Dr. Yip Bao Fang (G74811), involved a secondary school, SMK Dato' Syed Esa, Batu Pahat, chosen for its accessibility and proximity to UTHM, enabling mobilization of resources. The Chairman emphasized the need for IEM to collaborate with young engineers and schools to develop future engineers. He also noted the importance of IEMSB extending its reach beyond Johor Bahru.
- 1.11 The Chairman highlighted IEMSB's 50th Golden Jubilee Anniversary celebration in 2023, which included the introduction of a new award: the Engineering Excellence Award. Intended for Johor-based companies, the award was presented to Serumpun Konsultant Sdn. Bhd. and Austin Height Sdn. Bhd. The frequency of this prestigious award - whether annual, one-off, or periodic is under review by a committee of past chairmen.
- 1.12 The Chairman discussed the revival of the SIJORI (Singapore-Johor-Riau), originally a government initiative. The focus has shifted to engineering collaboration, specifically in education, with the next meeting planned for Singapore in June or July, coinciding with a mid-term AFEO meeting. The goal is to capitalize on the existing AFEO network to facilitate fellowship, business opportunities, and mobility within the region, recognizing the increasing manpower movement between Singapore, Indonesia, and the ASEAN region. The Chairman emphasized the potential benefits for personal development, companies, and fellowship.
- 1.13 The Chairman highlighted the professional development of technologists and technicians as the subsequent challenge, acknowledging their critical role in supporting engineers. He noted IEM's recent inclusion of technologists and technicians as members and IEM's adoption of this practice. He stressed the need to further encourage those qualified as technologists and technicians, and emphasized that young engineers should focus on their own development.

2.0 Confirmation of Minutes of the 50th Annual General Meeting

- 2.1 Minutes of the 50th Annual General Meeting IEM (Southern Branch) was confirmed as proposed by Ir. Puen Tak Hong (F05558) and seconded by Ir. Abdul Manap Bin Ali Hasan (M03450).

3.0 Matters Arising

- 3.1 The Chairman further discussed the following items in the Minutes of the 50th Annual General Meeting.
 - 3.1.1 Page 9, Item 10.2.2: Ir. John Cheah Kam Loong (F01186) advised on the terminology used. He recommended using the term “plogging” to describe the activity of picking up trash while jogging. He noted that this term is officially used by Jawatankuasa Tindakan Wabak Denggi Negeri Johor.

4.0 Annual Report for Session 2023/2024

- 4.1 The Honorary Secretary, Ir. Elaine Liew Shu Fang (M55886) presented the summary of the 51st Annual Report. Ir. Elaine Liew proceeded to present the Branch Activities for Session 2023/2024 as per pages 13 to 27 of the Annual Report.
- 4.2 Ir. Sim Tian Liang (M07463) raised concerns regarding the trend of decreasing overall membership. He highlighted the substantial increase in Fellow members alongside a decrease in Graduate members. He suggested that IEMSB capitalize on its existing relationships with university students to bolster student membership. The Chairman explained that the increase in Fellow members could be attributed to upgrades from Corporate Member grade, transfers from other states, or individuals who recently passed the professional interview. Ir. Wong Yee Foong (M18146) added that the COVID-19 pandemic likely contributed to the overall membership decline, as some members may have paused their renewals.
- 4.3 Ir. Ooi Kao Yang (F02331) expressed concern regarding the fluctuating number of Fellow members between 2022 and 2024 and requested that IEMSB seek clarification from IEM HQ regarding these figures. The Chairman informed the meeting that the committee would review this issue.
- 4.4 Ir. Dr. Eow John Son (M23840) proposed that the IEMSB committee organize talks for university students and staff at UiTM and UniKL in Johor Bahru to promote membership subscriptions, expanding outreach beyond UTM, UTHM, and SUC. Ir. David Puen Ming Shen (M43622) clarified that UiTM currently focuses on diploma engineering students and that an IEMSB sub-committee member is affiliated with UiTM. He further noted that UiTM Pasir Gudang's application to form a Student Section is pending, while UniKL's is currently in order. The Chairman added that SUC has a signed MoU with IEM and has successfully established a Student Section.
- 4.5 The meeting accepted the Annual Report as proposed by Ir. Lee Meng Chiat (F11358) and seconded by Dato' Ir. Steve Chong Yoon On (F03974).

5.0 Statement of Financial Accounts Ending 31st December 2023

- 5.1 The Financial Report starting from 1st January 2023 ending 31st December 2023 was presented by the Honorary Treasurer, Ir. Juraimi Bin Masood (M53830) as per pages 29 to 30 of the Annual Report.
- 5.2 The following were raised by the members to the Executive Committee, and the Chairman/Vice Chairman/ Hon. Treasurer/Committee Members replied as follows:
 - 5.2.1 Raised by Ir. Chong Woei Heng (M22025):

Question: Ir. Chong Woei Heng (M22025) inquired about the depreciation amount, noting a potential typographical error in the presentation.

Answer: Ir. Juraimi Bin Masood (M53830) acknowledged the typographical error in the depreciation amount and stated that it would be amended.

5.2.2 Raised by Ir. Sim Tian Liang (M07463):

Question: Ir. Sim Tian Liang (M07463) raised a question regarding the significant balance of "Other Payables and Accruals."

Answer: Ms. Wang Ing Min from T.J. Wang clarified the meaning of "Other Payables and Accruals." These represent expenses incurred in 2023 but with payments deferred until 2024. As previously noted by the Chairman and Hon. Treasurer, these payments include items such as the secretariat's incentive and other outstanding bills. It was noted that excluding these accruals would result in a higher reported surplus.

- 5.3 As there were no other further clarifications and amendments, the meeting unanimously adopted the Financial Reports proposed by Dato' Ir. Steve Chong Yoon On (F03974) and seconded by Ir. Hj. Zainuddin Bin Md Ghazali (F04945).

6.0 Election of Internal and External Auditors

- 6.1 The Chairman thanked the Internal Auditors, Prof. Emeritus Ir. Mohamad Afifi bin Abdul Mukti (M01793) and Ir. Ling Ngie Soon (F12685) for their contributions and services as Internal Auditors for Session 2023/2024. He then proceeded with the nomination process to elect two (2) new internal auditors for session 2024/2025.
- 6.2 Dato' Ir. Steve Chong Yoon On (F03974) proposed that the services of the current auditors Prof. Emeritus Ir. Mohamad Afifi bin Abdul Mukti (M01793) and Ir. Ling Ngie Soon (F12685) be continued and nominated as the Internal Auditors for session Session 2024/2025. This was seconded by Ir. Hj. Zainuddin Bin Md Ghazali (F04945). Both candidates were unanimously accepted by members.
- 6.3 Dato' Ir. Lim Chow Hock (HF02531) proposed that T.J. Wang continues as IEM (Southern Branch) External Auditor which was seconded by Ir. Sim Tian Liang (M07463). The proposal was unanimously accepted by the members.

7.0 Election Results for Executive Committee for Session 2024/2025

- 7.1 The election results for the Executive Committee for session 2024/2025 were announced by the Election Officer, Dato' Ir. Steve Chong Yoon On (F03974). The results are listed as follows:
- 7.1.1 Chairman
The Branch Chairman, Ir. Thayala R Selvaduray (M03717) will be completing his term of office at 51st Annual General Meeting at 9th March 2024. In accordance with Clauses 9 & 13 of Branch's Bylaws & Regulations, the Executive Committee meeting held on 29th November 2023 has unanimously elected Ir. David Puen Ming Shen (M43622) as Chairman for Session 2024/2025.
- 7.1.2 Vice Chairman
r. Kamisan Bin Turiman (M21660) was elected as Vice Chairman for Session 2024/2025. Ir. Prof. Dr. Sharul Kamal Bin Abdul Rahim (M22001) was elected as Vice Chairman for Sessions 2024/2025 and 2025/2026.
- 7.1.3 Hon. Secretary
Ir. So Wee Siang (M37243) was elected as Honorary Secretary for Session 2024/2025.
- 7.1.4 Hon. Treasurer
Ir. Juraimi Bin Masood (M53830) was elected as Honorary Treasurer for Session 2024/2025.

7.1.5 General Committee Members

Ir. Lim Wuh Terng (M103096) was elected as General Committee Member for Sessions 2024/2025 and 2025/2026. There will be a casual vacancy for the position of General Member for Session 2025/2026. However, as per Clause 21 of the Branch's By-Laws and Regulations, the Committee shall appoint a Corporate Member to fill the vacancy.

- 7.2 The Election officer, Dato' Ir. Steve Chong Yoon On (F03974) thanked the scrutineers, Ir. Teh Sea Chuan (F01714) and Ir. Koh Thong How (M05856), for their assistance rendered during the election process.
- 7.3 The Chairman on behalf of IEM (Southern Branch) thanked Dato' Ir. Steve Chong Yoon On (F03974) and the Scrutineers for their assistance in conducting the election process.

8.0 Change of Office Bearers

- 8.1 The Chairman thanked all IEM (Southern Branch) Executive Committee Members for their cooperation and support in Session 2023/2024. The Chairman then presented a token of appreciation to the outgoing executive committee of 2023/2024 as follow:
- i. Ir. Wong Yee Foong (M18146)
 - ii. Ir. Elaine Liew Shu Fang (M55886)
 - iii. Ir. Bong Beng Siong (M70303)
 - iv. Ir. Thirumurugan A/L Manikam (M24895)
- 8.2 The Chairman welcomed the new line-up of Executive Committee Members for Session 2024/2025.

9.0 Any other Business

- 9.1 The Chairman Session 2024/2025, Ir. David Puen Ming Shen (M43622), informed the meeting that the casual vacancy had been filled. Ir. Tan Xian Hui (M72353) was appointed as the new General Committee Member. The Chairman welcomed Ir. Tan to the Executive Committee for Session 2024/2025.
- 9.2 The Chairman informed the meeting that IEM HQ is in the process of transferring ownership of Branch buildings to the respective Branches. He requested the members' consent to grant the executive committee decision-making authority regarding these building transfers. The meeting unanimously agreed to grant this mandate, as proposed by Ir. Teo Kiyuee (F05701) and seconded by Prof. Emeritus Ir. Mohamad Afifi bin Abdul Mukti (M01793).

The chairman then expressed his thanks to everyone for the smooth annual general meeting and adjourned the meeting at 1:05 p.m.



Ir. Thayala R Selvaduray *MIEM P.Eng*
Chairman, IEM (Southern Branch)



Ir. Liew Shu Fang *MIEM P.Eng*
Hon. Secretary, IEM (Southern Branch)

LIST OF ATTENDANCE IEM (SOUTHERN BRANCH)

51ST ANNUAL GENERAL MEETING ON 9TH MARCH 2024

NO	NAME	GRADE
1	Dato' Ir. Lim Chow Hock	HF02531
2	Dato' Ir. David Lee Hoke Hai	F11384
3	Dato' Ir. Ng Ah Kow	F04883
4	Dato' Ir. Steve Chong Yoon On	F03974
5	Ir. Chan Keng Hua	F08161
6	Ir. Chew Ching Chong	F04741
7	Ir. Ching Goo Kia	F02329
8	Ir. John Cheah Kam Loong	F01186
9	Ir. Lee Meng Chiat	F11358
10	Ir. Ling Ngie Soon	F12685
11	Ir. Lun Mon Tick @ Lai Ven Te	F03528
12	Ir. Ooi Kao Yang	F02331
13	Ir. Puen Tak Hong	F05558
14	Ir. Soh Chong Boon	F06490
15	Ir. Teh Sea Chuan	F01714
16	Ir. Teo Kiyuee	F05701
17	Ir. Zainuddin Bin Md Ghazali	F04945
18	Ir. Abdul Manap Bin Ali Hassan	M03450
19	Ir. Ariffin Lee Bin Abdullah	M04812
20	Ir. Balasubaramaniam A/L Palanisamy	M05306
21	Ir. Benny Tan Cheah Hee	M50759
22	Ir. Bong Beng Siong	M70303
23	Ir. Chan Khung Lei	M50674
24	Ir. Chan Wai Choong	M30558
25	Ir. Chang Li Fong	M38678
26	Ir. Ching Goo Kia	M02329
27	Ir. Chng Chee Chin	M12979
28	Ir. Chng Chee Lam	M08364
29	Ir. Chong Woei Heng	M22025
30	Ir. Choo Kok Wah	M43177
31	Ir. Chow Kai Hoon	M17440
32	Ir. Christopher Ling Siew Ming	M14865
33	Ir. Chua Liong Huat	M21303
34	Ir. Chung Hock Yew	M10260
35	Ir. Chung Teik Boon	M14861
36	Ir. David Puen Ming Shen	M43622
37	Ir. Derek Cheah Kong Yew	M14604
38	Ir. Dr. Eow John Son	M23840
39	Ir. Duke Low Yoo Keong	M05606
40	Ir. Foo Kee Ken	M02225
41	Ir. Foo Siang Tong	M02242
42	Ir. Gan Kok Keng	M13615
43	Ir. Gee Kok Keong	M05211
44	Ir. Goh Kae Wan	M11047
45	Ir. Goh Tong Tiang	M10278
46	Ir. Goh Wei Hong	M81469
47	Ir. Izzudin Bin Ibrahim	M90159
48	Ir. Jason Lim Wuh Terng	M103096
49	Ir. Juraimi Bin Masood	M53830
50	Ir. Kamisan Bin Turiman	M21660
51	Ir. Koh Chun Min	M15509
52	Ir. Koh Siong Lee	M18282
53	Ir. Koh Thong How	M05856
54	Ir. Kok Kim Chai	M20704
55	Ir. Koo Li Chiat	M72220
56	Ir. Koo Soh Tian	M23955
57	Ir. Lau Kang Jing	M28111
58	Ir. Law Kwong Ling	M56119
59	Ir. Lee Chok Beng	M07919
60	Ir. Lee Ooi Heng	M13794
61	Ir. Lee Kim Chai	M02772
62	Ir. Lee King Fook	M14390
63	Ir. Lee Song Fatt	M03807
64	Ir. Lee Toh Hock	M24391
65	Ir. Lee Wai Hin	M24311
66	Ir. Lee Wei Shiong	M14990

NO	NAME	GRADE
67	Ir. Liew Shu Fang	M55886
68	Ir. Lim Boon Hai	M17539
69	Ir. Lim Chee Wei	M07077
70	Ir. Lim Gee Zhiong	M48868
71	Ir. Lim Huan Ping	M04578
72	Ir. Lim Lee Tong	M17981
73	Ir. Lim Meng Sen	M18971
74	Ir. Lim Wei Siong	M41233
75	Ir. Mahyan Bin Esa	M56815
76	Ir. Manoel Gomes	M02865
77	Prof. Emeritus Ir. Mohamad Afifi Bin Abdul Mukti	M01793
78	Ir. Mohd Khairulfadhlan Bin Mohd Dzurri	M21645
79	Dato' Ir. Mohd Noh Bin Ibrahim	M08874
80	Ir. Mohd Saiful Bin Tiar	M12988
81	Ir. Muhammad Jamilul Na'im Bin Mokhtar	M72676
82	Ir. Hajah Nazatul Shima Bin Mohamad	M32677
83	Ir. Neilson Loo Wai Chian	M39960
84	Ir. Nguet Chin Seng	M64850
85	Ir. Ngui Wei Liang	M92139
86	Ir. Dr. Noor Nabilah Binti Sarbini	M112744
87	Ir. Ong Peng Pheng	M30556
88	Ir. Ooi Chong Kooi	M13436
89	Ir. Phang Sin Yen	M25681
90	Ir. Puen Ming Chiang Daniel	M86027
91	Ir. Pui Syn Kong	M07339
92	Ir. Quek Swee Kim	M05009
93	Ir. Roger Ling Ung Yui	M02688
94	Ir. Rosmadi Bin Zamri	M27138
95	Ir. Sim Tian Liang	M07463
96	Ir. Prof. Dr. Sharul Kamal Bin Abdul Rahim	M22001
97	Ir. So Wee Siang	M37243
98	Ir. Soh Chor Chiew	M12239
99	Ir. Sulaiman Bin Mohamed Daud	M38333
100	Ir. Tan Boon Tong	M49389
101	Ir. Tan Chee Pheng	M05609
102	Ir. Tan Xian Hui	M72353
103	Ir. Tan Yu Peng	M21696
104	Ir. Tang Bong Kiek @ Tang Agu	M13951
105	Ir. Teh Sze Yang	M22320
106	Ir. Teo Boon Keng	M04890
107	Ir. Teo Kuew Soon	M07577
108	Ir. Thayala R Selvaduray	M03717
109	Ir. Thirumurugan A/L Manikam	M24895
110	Ir. Tho Lye Yit	M18949
111	Ir. Ting Ming Seong	M15334
112	Ir. Too Sieng Chew	M07122
113	Ir. Vun Yit Kong	M09265
114	Ir. Wong Boon Tuck	M23948
115	Ir. Wong Teck Choon	M14904
116	Ir. Wong Yee Foong	M18146
117	Ir. Yee Kai Keng	M45269
118	Ir. Yeoh Boon Kang	M13669
119	Ir. Zulkhairi Bin Hasan	M15097
120	Ir. Zulkifli Bin A. Kahar	M12738
121	Ts. Chan Khung Leong	G22094
122	Chin Kuie Too	G08371
123	Ooi Chun Wei	G121111
124	Phoon Chong Foo	G08379
125	Sim See Luen	G17068
126	Surain Elendran	G125027
127	Tan Tiong Whang	G126001
128	Tang Lee Chong	G26395
129	Tiruvrasu A/L Arjunan	G118976
130	Yap Jiunn Jye	G50125
131	Ts. Dr. Teo Chee Loong	A123950

INTRODUCTION

The Executive Committee of IEM (Southern Branch) is pleased to present the 52nd Annual Report of the Institution of Engineers, Malaysia (Southern Branch) for Session 2024/2025 as in the following report.

MEMBERSHIP

The membership strength of the Branch (as of 21st January 2025) stands at 4804, and the comparative figures for the last ten (10) years are as follows:

GRADE	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Distinguished Honorary Fellow	-	-	-	-	-	-	-	-	-	1
Honorary Fellow	-	-	-	-	-	1	1	1	1	3
Fellow	53	55	53	55	55	55	56	37	68	61
Honorary Member	-	-	-	-	-	-	-	5	-	1
Senior Member	1	3	3	5	5	5	4	5	4	5
Member	646	656	653	691	709	690	639	540	787	715
Senior Graduate	14	15	20	18	26	28	24	30	27	46
Graduate	817	873	751	731	734	721	538	607	497	598
Eng. Technologist Graduate	-	-	-	-	-	-	1	3	2	6
Eng. Technician Graduate	-	-	-	-	-	-	1	1	1	-
Incorporated	5	7	5	8	9	9	4	6	6	5
Affiliate	2	2	2	3	1	1	1	1	3	2
Associate	4	3	1	1	2	1	-	3	1	4
Student	2791	2923	3426	3876	4761	3854	3594	4323	3674	3357
TOTAL	4333	4537	4914	5388	6302	5365	4863	5562	5071	4804

BRANCH ORGANIZATION

The Executive Committee for Session 2024/2025 is as follows:

Chairman	: Ir. David Puen Ming Shen <i>MIEM P.Eng</i>
Immediate Past Chairman	: Ir. Thayala R Selvaduray <i>PIS MIEM P.Eng</i>
Vice Chairman	: Ir. Kamisan Bin Turiman <i>MIEM P.Eng</i> : Ir. Prof. Dr. Sharul Kamal Bin Abdul Rahim <i>MIEM P.Eng</i>
Hon. Secretary	: Ir. So Wee Siang <i>MIEM P.Eng</i>
Hon. Treasurer	: Ir. Juraimi Bin Masood <i>MIEM P.Eng</i>
Committee Members	: Ir. Hajah Nazatul Shima Binti Ahmad SIJ <i>MIEM P.Eng</i> : Ir. Dr. Noor Nabilah Binti Sarbini <i>MIEM P.Eng</i> : Ir. Jason Lim Wuh Terng <i>MIEM P.Eng</i> : Ir. Tan Xian Hui <i>MIEM P.Eng</i>
Young Engineers Section Representative	: Dr. Yip Bao Fang <i>Grad. IEM</i>
Internal Auditors	: Ir. Ling Ngie Soon <i>FIEM P.Eng</i> : Prof. Emeritus Ir. Mohamad Afifi Bin Abdul Mukti <i>MIEM P.Eng</i>
Secretariat Staffs	: Pn. Azlina Binti Abdullah : Cik Nurin Adriana Binti Ariff

SUB-COMMITTEES

SUB-COMMITTEES

SUB-COMMITTEE ON PROFESSIONAL INTERVIEW AND MEMBERSHIP DRIVE

Chairman

Ir. Prof. Dr. Sharul Kamal Bin Abdul Rahim

Members

Ir. Lee Meng Chiat (PI Coordinator)
Ir. Assoc. Prof. Dr. Hayati Binti Abdullah
Ir. Thayala R Selvaduray
Ir. Dr. Noor Nabilah Binti Sarbini
Ir. Mohd Khairul Azizat Bin Johari

SUB-COMMITTEE ON CONTINUING EDUCATION AND SEMINAR

Chairman

Ir. Kamisan Bin Turiman

Members

Ir. Prof. Dr. Sharul Kamal Bin Abdul Rahim
Ir. Rosmadi Bin Zamri
Ir. Mohd Afandi Bin Konting
Ir. Dr. Lee Siong Wee

SUB-COMMITTEE ON TECHNICAL VISIT

Chairman

Ir. Hajah Nazatul Shima Binti Mohamed

Members

Ir. Choo Kok Wah

SUB-COMMITTEE ON SOCIAL, SPORTS AND WELFARE

Chairman

Ir. Jason Lim Wuh Terng

Members

Chong Kean Chew
Tan Weng Soon

SUB-COMMITTEE ON INFORMATION AND COMMUNICATION

Chairman

Ir. Tan Xian Hui

Members

Ir. Lau Kang Jing
Yan Kim Leong

SUB-COMMITTEE ON PROFESSIONAL PRACTICE

Chairman

Ir. Thayala R Selvaduray

Members

Dato' Ir. David Lee Hoke Hai
Ir. Wong Yee Foong
Ir. Teo Kiyuee
Ir. Assoc. Prof. Dr. Hayati Binti Abdullah
Ir. Prof. Dr. Sharul Kamal Bin Abdul Rahim
Ir. Prabhakaran A/L E.K. Menon
Ir. Manoel Gomes

SUB-COMMITTEE ON STUDENT SECTION

Chairman

Ir. Dr. Noor Nabilah Binti Sarbini

Members

Ir. Prof. Dr. Sharul Kamal Bin Abdul Rahim
Ir. Ts. Dr. Raha Binti Abd Rahman

SUB-COMMITTEE ON YOUNG ENGINEERS SECTION (YES)

Chairman

Dr. Yip Bao Fang

Members

Ts. Kenneth Chaw Vui Ken
Yap Jian Yang
Saw Zhao Wei
Lee Huey Jiun
Felicia Lim Pei Shih
Dr. Wong Joon Fatt
Goh Yong Sheng
Lim Wei Ying (Chairperson IEM-UTMSS)
Shareena Tan Chee Phing (Chairperson IEM-UTHMSS)
William Kwong Fook Chen (Chairperson IEM-SUCSS)

ELECTION OFFICER

Dato' Ir. Steve Chong Yoon On

SCRUTINEERS

Ir. Teh Sea Chuan
Ir. Koh Thong How

HONORARY INTERNAL AUDITORS

Ir. Ling Ngie Soon
Prof. Emeritus Ir. Mohamad Afifi Bin Abdul Mukti

SUB-COMMITTEE ON PROFESSIONAL INTERVIEW AND MEMBERSHIP DRIVE

Professional Interview

The branch had completed the Professional Interview for 44 candidates from Johor and Singapore, from January 2024 to December 2024. A summary of the number of candidates according to disciplines are listed as follows:

- Civil Discipline : 17 candidates
- Electrical Discipline : 13 candidates
- Electronic Discipline : 3 candidates
- Mechanical Discipline : 10 candidates
- Manufacturing Discipline : 1 candidate

Membership Drive and Talk

The branch had conducted membership drives and engineering career talks to students and graduate engineers. The activities conducted are as follows:

DATE	ACTIVITIES
24 February 2024	1-Day IEM Outcome-Based Competence Assessment (OBCA) Professional Interview Training and Certification Refresher Workshop for Interviewers at IEM (Southern Branch) Training Centre.
23 March 2024	Sharing Session on “Importance of being an IEM Member” for IEM-UTHM Student Section Membership Registration Day 2023/2024 by Ir. Juraimi Masood via Virtual.
24 April 2024	Industrial Talk: Empowering Future Session with IEM for UniKL MITEC Membership Drive by Ir. Thayala R Selvaduray at UniKL MITEC Pasir Gudang, Johor.
17 May 2024	Talk on “Route to be M.I.E.M and Professional Engineer” in conjunction with Seminar Kejuruteraan Awam (SEMKA) Program Perdana Semester 2, Session 2023/2024 by Ir. Hj. Zainuddin Bin Md Ghazali at Smart Classroom (D02), Fakulti Kejuruteraan Awam, UTM.
18 May 2024	Talk on “Professional Interview - Outcome-Based Competence Assessment (OBCA) Workshop: Route to Become M.I.E.M and Professional Engineers” for Graduate Members at IEM (Southern Branch) Training Centre.
12 June 2024	UTM FKE Industrial Seminar “Engineering Management in the Era of Technological Resolution” by Ir. Thayala R Selvaduray at Lecture Hall 1, V01, UTM.
18 June 2024	Industrial Seminar SEEE4012 Semester 2, Session 2023/2024 for Students of Faculty of Electrical Engineering (UTM-FKE) by Ir. Juraimi Masood at UTM Skudai, Johor.



Route to Become M.I.E.M and Professional Engineers for Graduate Members



Industrial Seminar SEEE4012 for Students of Faculty of Electrical Engineering (UTM-FKE)

DATE	ACTIVITIES
27 June 2024	IEM Registration & Professional Talk in conjunction with Electrical Engineering Excellence Innovation Showcase 2024 (E3I 2024) represented by Ir. Bong Beng Siong at UTHM Pagoh.
30 June 2024	<i>Bengkel Persediaan Temuduga Penilaian Professional IEM dan Panduan Mengisi Borang Permohonan</i> for Civil Engineering Lecturer and Staff by Ir. Lee Meng Chiat and Ir. David Puen Ming Shen at UTM Skudai, Johor.
24 July 2024	Talk on “Route to be M.I.E.M and Professional Engineer” in conjunction with Postgraduate Student Society of The Faculty of Electrical Engineering (PGSS-FEE) by Ir. Prof. Dr. Sharul Kamal Bin Abdul Rahim via Cisco Webex platform.
27 October 2024	Industrial Seminar & Profession Course (SETK1511): Engineering Your Future: A Path to Professionalism with IEM for Students of Faculty of Chemical and Energy Engineering (UTM-FCEE) by Ir. Jason Lim Wuh Teng at UTM Skudai, Johor.
26 November 2024	Seminar on Career Path in Building Industry in collaboration with Johor Master Builder Association (JMBA) and Royal Institution of Surveyors Malaysia (RISM) (Johor Branch) at S.B.R. Chong Hwa High School. IEM (SB) was represented by Ir. Wong Yee Foong and Ir. So Wee Siang.
23 December 2024	Sharing Session on “Introduction of IEM” for IEM-UTHM Student Section Membership Registration Day 2024/2025 by Ir. Dr. Noor Nabilah Binti Sarbini at Dewan Terbuka UTHM.



Bengkel Persediaan Temuduga Penilaian Professional IEM dan Panduan Mengisi Borang Permohonan for UTM Civil Engineering Lecturer and Staff



Industrial Seminar (SETK1511): Engineering Your Future: A Path to Professionalism with IEM for UTM Students of Faculty of Chemical and Energy Engineering



Seminar on Career Path in Building Industry in collaboration with JMBA and RISM (Johor Branch)



SUB-COMMITTEE ON CONTINUING EDUCATION AND SEMINAR

The Sub-Committee, together with the assistance and support from the Young Engineers Section (YES) had successfully organized CPD/PDP-approved technical & evening talks, seminars and short courses for members and engineers throughout Session 2024/2025. The aim is to assist members and engineers to further improve and broaden the knowledge and skills in performing their duties in line with current practice and regulations and ultimately achieve the required CPD/PDP hours. The brief summary of the activities is listed as follows:

DATE	ACTIVITIES	APPROVED CPD HOURS
20 January 2024	Half Day Talk on “Waterproofing Solutions for Substructure Works – The Way Forward” in collaboration with MAPEI Malaysia Sdn. Bhd. at IEM (Southern Branch) Training Centre, Johor Bahru.	4.0
2 March 2024	Half-Day Talk on “Designing Hot Water Systems in 15 Minutes! Game Changer for Hotels and Hospitals” in collaboration with INTRIX Renewable Sdn. Bhd. at IEM (Southern Branch) Training Centre, Johor Bahru.	2.0
9 March 2024	Talk on “Polished Concrete: State of the Art from Europe to Asia” in collaboration with Cemseal Industries Sdn. Bhd. at Grand Paragon Hotel, Johor Bahru.	2.0
9 March 2024	The 51st Annual General Meeting of The Institution of Engineers, Malaysia (Southern Branch) was conducted at Grand Paragon Hotel, Johor Bahru with an attendance of 131 members.	4.0
30 March 2024	Half Day Talk on “Post-Installed Technologies and Design to Malaysia Standard MS EN 1992-4:2023, MS EN 1992-1-1:2010 and TR069” in collaboration with Hilti (Malaysia) Sdn. Bhd. at TROVE Johor Bahru.	4.0
27 April 2024	Half Day Talk on “Optimising Structural Integrity: Load Considerations in the Design of Metal Roofs, Walls, and Steel Decking” in collaboration with NS BlueScope Lysaght Malaysia Sdn. Bhd. at St. Giles Southkey Johor Bahru.	4.0



Waterproofing Solutions for Substructure Works – The Way Forward



Designing Hot Water Systems in 15 Minutes! Game Changer for Hotels and Hospitals



Polished Concrete: State of the Art from Europe to Asia



51st Annual General Meeting of The Institution of Engineers, Malaysia (Southern Branch)

DATE	ACTIVITIES	APPROVED CPD HOURS
9 May 2024	Half Day Seminar on “Let’s Build Infrastructure Better: Innovative and Sustainable Geosynthetic Solutions for Civil Engineers” in collaboration with TenCate Geosynthetics Malaysia Sdn. Bhd. at Grand Paragon Hotel, Johor Bahru.	4.0
19 May 2024	Sharing Session on Johor Electricity Heritage and Electrical Safety Compliance by Ir. Thayala R Selvaduray in conjunction with REFLEKSISERATUS: Next 100 Years at KOMTAR Johor Bahru City Centre (JBCC).	2.0
20 May 2024	Indah Water Konsortium (IWK) Sharing Session on Procedure for Sewerage Approval Application and Fundamental Sewage Treatment Process in Malaysia by Ir. Nor Mohd Uzair Bin Norsahperi in conjunction with REFLEKSISERATUS: Next 100 Years at KOMTAR Johor Bahru City Centre (JBCC).	2.0
8 June 2024	Half Day Seminar on “Optimize Steel Frame Design with Semi-Rigid Joints” in collaboration with Otte Utama (M) Sdn. Bhd. at IEM (Southern Branch) Training Centre, Johor Bahru.	4.0
22 June 2024	Half Day Talk on “Electrifying Transformation: Converting from Internal Combustion Engine (ICE) to Electric Power” at IEM (Southern Branch) Training Centre, Johor Bahru.	4.0
27 June 2024	Half Day Talk on “Conceptual Design: An Energy Efficient Approach to Design Centralized Air-Conditioning VRV System for Commercial Buildings” in collaboration with Daikin Malaysia Sales & Service Sdn. Bhd. at Capri by Fraser, Johor Bahru.	4.0
29 June 2024	One Day Seminar on “MS IEC 62305:2007 Protection Against Lightning” in collaboration with Pekat Engineering Sdn. Bhd. at TROVE Johor Bahru.	5.0



Let's Build Infrastructure Better: Innovative and Sustainable Geosynthetic Solutions for Civil Engineers



Electrifying Transformation: Converting from Internal Combustion Engine (ICE) to Electric Power



MS IEC 62305:2007 Protection Against Lightning



Conceptual Design: An Energy Efficient Approach to Design Centralized Air-Conditioning VRV System for Commercial Buildings

DATE	ACTIVITIES	APPROVED CPD HOURS
13 July 2024	Half Day Talk on “Lift Systems Operational and Safety Features” at IEM (Southern Branch) Training Centre, Johor Bahru.	4.0
20 July 2024	Half Day Seminar on “Building Information Modelling (BIM) and Digitization in The Construction Industry” in collaboration with DigitalBuild Pte. Ltd. at Grand Paragon Hotel, Johor Bahru.	4.0
3 August 2024	Half Day Talk on “Geotechnical Engineering” at Ramada Suites by Wyndham The Straits Johor Bahru.	4.0
17 August 2024	Half Day Seminar on “Concrete Industrial Floors that are Fit for Purpose” in collaboration with CoGri Asia Pacific Pte. Ltd. at St. Giles Southkey Johor Bahru.	4.0
26 September 2024	One-Day Seminar on “Automatic Transfer Switch (ATS) & Microprocessor-Based Controller Technologies” in collaboration with Wise Pro Sdn. Bhd. at Opero Hotel Southkey, Johor Bahru.	6.0
5 October 2024	Half Day Talk on “ISO 17025 Uncovered: Understanding Laboratory Accreditation and Its Role in Tackling Climate Change” at IEM (Southern Branch) Training Centre, Johor Bahru.	4.0
30 November 2024	Half-Day Seminar on “Automated Waste Collection System (AWCS)” in collaboration with STREAM Environment Sdn. Bhd. at IEM (Southern Branch) Training Centre, Johor Bahru.	4.0
27 December 2024	Talk on “Malaysia’s Energy Efficiency and Conservation Act (EECA)” cum Tea with Ir. Dr. Sanjay, Chief Operating Officer (COO) of the Energy Commission (ST) at IEM (Southern Branch) Training Centre, Johor Bahru.	3.0



Building Information Modelling (BIM) and Digitization in The Construction Industry



Concrete Industrial Floors that are Fit for Purpose



Automatic Transfer Switch (ATS) & Microprocessor-Based Controller Technologies



Tea with Dr. Sanjay, COO of Energy Commission: Malaysia’s Energy Efficiency and Conservation Act (EECA)

SUB-COMMITTEE ON TECHNICAL VISIT

The Sub-Committee had arranged for technical visits to various sites, industries and engineering facilities in Johor. A summary of these visits is listed as follows:

DATE	ACTIVITIES	APPROVED CPD HOURS
4 July 2024	Technical Visit to JBIOCC MBBJ – Coronation Square at Johor Bahru.	4.0
24 August 2024	Technical Visit to RTS Link (Johor Bahru – Singapura) Site in conjunction with 2nd Singapore-Johor-Riau (SIJORI) Fellowship Meeting.	-



Technical Visit to JBIOCC MBBJ



Technical Visit to Coronation Square

SUB-COMMITTEE ON INFORMATION AND COMMUNICATION

The main activity of this Sub-Committee is to manage the communications and effectively disseminate latest information on the branch activities and programs for members and the general public.

Presently, we are managing the information for members through our website <http://www.iemsb.org.my> and Facebook page <https://www.facebook.com/IEMSouthernBranch>.

We also have launched Instagram page <https://www.instagram.com/iemssouthernbranch/>. We welcome any feedback or comments from members for the improvement of the website and Facebook contents.

In our effort to reach members effectively, we can be reached at our email address iemssouthern@gmail.com. We urge members to update their email addresses with the IEM Secretariat to receive latest update from the Branch.

SUB-COMMITTEE ON SOCIAL, SPORTS AND WELFARE

The Sub-Committee had arranged a number of activities which allowed members to socialize and interact. A summary of these activities is listed as follows:

DATE	ACTIVITIES
17 February 2024	IEM (Southern Branch) Webinar: Talk on How to Enjoy Healthy Eating via Zoom Application by Ms. Yap Pau Lin, Dietitian, Columbia Asia Hospital Iskandar Puteri.
2 May 2024	IEM (Southern Branch) Hari Raya Open House 2024 at Daiman 18 Golf Club, Johor Bahru.
24 August 2024	IEM (Southern Branch) Annual Dinner and Awards Night 2024 was held at Restaurant Pekin Daiman 18, Johor Bahru.
12 December 2024	IEM (Southern Branch) Deepavali & Christmas Open House 2024 at Bharat Indian Cuisine, Johor Bahru.



IEM (Southern Branch) Hari Raya Open House 2024



IEM (Southern Branch) Deepavali & Christmas Open House 2024



IEM (Southern Branch) Annual Dinner and Awards Night 2024

SUB-COMMITTEE ON PROFESSIONAL PRACTICE

The Executive Committee has always maintained close relationship with the local authorities and with other professional bodies in Johor. The branch has networking sessions with other professional bodies as well as participating in meetings with the state government agencies and local authorities.

DATE	ACTIVITIES
2 February 2024	IEM (Southern Branch) Committee Meet-Up with IEM UTM Student Section Session 2023/2024 at M40, UTM Skudai, Johor.
11 – 26 May 2024	Supported the REFLEKSISERATUS event organised by PAM Southern Chapter at KOMTAR Johor Bahru City Centre (JBCC).
1 June 2024	IEM (Southern Branch) Executive Committee Attending IEM 64th Annual Dinner & Awards Night One World Hotel, Petaling Jaya.
4 July 2024	Courtesy Visit to the Office of Y.B. Dato' Haji Mohd Noorazam bin Dato' Haji Osman, Mayor of Majlis Bandaraya Johor Bahru (MBJB).
24 August 2024	Technical Visit to RTS Link (Johor Bahru – Singapore) Site in conjunction with 2nd Singapore-Johor-Riau (SIJORI) Fellowship Meeting.
25 August 2024	2nd Singapore-Johor-Riau (SIJORI) Fellowship Meeting 2024 at TROVE Johor Bahru.
3 September 2024	Ir. Bennee Chng Yu Leng represented IEM (Southern Branch) for TNB Townhall Session – Smart Strategic Business Partnership at Renaissance Hotel, Johor Bahru.
22 – 24 October 2024	Participated in the 42 nd Conference of the ASEAN Federation of Engineering Organisations (CAFEO 42) in Kota Kinabalu, Sabah, Malaysia.



Executive Committee Attending IEM 64th Annual Dinner & Awards Night



Courtesy Visit to the Office of Y.B. Dato' Haji Mohd Noorazam bin Dato' Haji Osman, Mayor of MBJB



SIJORI Delegates Technical Visit to RTS Link (Johor Bahru – Singapore) Site



2nd SIJORI Fellowship Meeting 2024

SUB-COMMITTEE ON YOUNG ENGINEERS SECTION (YES)

Several activities related to the graduate members in the Young Engineers Section are summarised as follows:

DATE	ACTIVITIES	REMARKS
14 December 2023 – 7 June 2024	STEM Series Program - Venue: SMK Dato' Syed Esa, Batu Pahat - Participants: 25 secondary school student participants	Program Objectives: - To foster creativity, innovation, and problem-solving skills among students, by challenging them to design and build their own unique interactive projects. - To develop effective communication and collaboration skills among students, as they work in teams to complete their projects and share their ideas with others.
18 May 2024	Participated in refleksiSERatus – HERITAX Race: Mosaic of Segget Johor Bahru - Venue: KOMTAR, JBCC Johor Bahru - Participants: 3 teams from IEM (SB), YES, Jurutera JRK, and Southern University College	Program Objectives: - Celebrating 100 Years of Tambak Johor in 2024. - To provide participants with an opportunity to discover hidden gems within the Johor Bahru cityscape.
11 – 13 July 2024	Participated in 23rd ASEAN Federation of Engineering Organisations (AFEO) Mid Term Meeting - Venue: One Farrer Hotel, Singapore - Organised by: Institution of Engineers, Singapore - Attended by: 3 IEM (SB) YES Committee Member (Mr. Yap Jian Yang, Mr. Saw Zhao Wei, and Ms. Felicia Lim Pei Shih)	Program Objectives: - Create opportunities for young engineers to connect with peers, mentors, and industry leaders across ASEAN, fostering cross-border partnerships and knowledge sharing. - Engage young engineers in addressing key issues such as sustainability, smart cities, and infrastructure gaps, while promoting entrepreneurial thinking and innovative solutions. - Educate young engineers about ASEAN's Mutual Recognition Arrangements (MRAs) to enhance their professional mobility and integration into a unified regional engineering community.
1 – 4 August 2024	Participated in National Summit (NATSUM) 2024 - Venue: Kuala Lumpur - Organised by: IEM YES HQ - Attended by: 4 IEM (SB) YES Committee Member (Dr. Yip Bao Fang, Mr. Yap Jian Yang, Mr. Saw Zhao Wei, and Ms. Felicia Lim Pei Shih)	Program Objectives: - To discuss issues related to engineering career, professional development, education, technical site visit, technical information exchange and networking activities.



National Summit 2024



STEM Series Program

DATE	ACTIVITIES	REMARKS
24 August 2024	IEM (SB) Annual Dinner and Awards Night 2024 <ul style="list-style-type: none"> - Venue: Restaurant Pekin Daiman 18, Johor Bahru - Co-organised with IEM (Southern Branch) 	Program Objectives: <ul style="list-style-type: none"> - Facilitate a platform for engineers, professionals, industry stakeholders, and members of IEMSB to network, exchange ideas, and explore potential collaborations within the engineering sector. - Create an enjoyable and memorable evening for attendees, featuring entertainment, cultural performances, and activities that foster a sense of celebration and relaxation among participants
22 – 24 October 2024	Participated in CAFE042 <ul style="list-style-type: none"> - Venue: Kota Kinabalu - Organised by: IEM (Sabah Branch) - Attended as IEM (SB) Representative: Ts. Kenneth Chaw Vui Ken 	Program Objectives: <ul style="list-style-type: none"> - To provide a platform for young engineers to connect with industry leaders, peers, and mentors, fostering valuable relationships for career growth. - To expose to sessions and workshops that cover the latest trends in digital transformation, smart engineering, and green solutions, enhancing young engineers' understanding and skills.
16 January 2025	STEM Robotic Workshop and Competition 2025 <ul style="list-style-type: none"> - Venue: AEON Mall Bandar Dato' Onn - Co-organised with IEM (Southern Branch) - Co-organisers: Faculty of Electrical Engineering, Universiti Teknologi Malaysia; IEM UTM Student Section 	Program Objectives: <ul style="list-style-type: none"> - To inspire and engage students in STEM and robotics education. - To provide a platform for hands-on learning and innovation through workshops and competitions. - Increase awareness of electronics, IoT, AI and engineering knowledge.



YES at IEM (SB) Annual Dinner and Awards Night 2024



STEM Robotic Workshop and Competition 2025



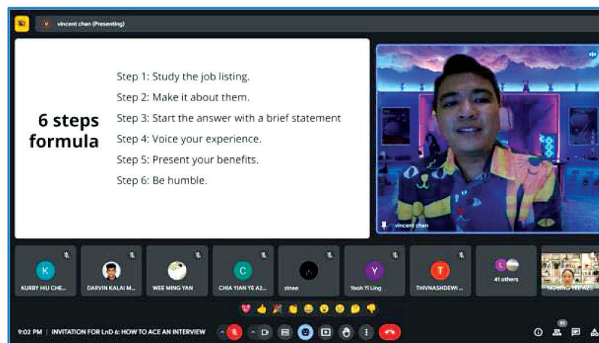
SUB-COMMITTEE ON STUDENT SECTION

The Student Section Sub-Committee consists of IEM-UTM, IEM-UTHM, and IEM-SUC Student Sections. We have successfully organized many activities for our members. A summary of these activities is listed as follows:

DATE	ACTIVITIES (IEM-UTM)	REMARKS
6 April 2024	LnD 5: Challenges and Opportunity of Engineering in Industry 5.0 - Venue: Google Meet Platform - Participant: 70 participants	Program Objectives: <ul style="list-style-type: none"> - To critically evaluate the challenges and opportunities that Industry 5.0 brings to the engineering field. - To understand the essential skills and knowledge required for engineers to succeed in the evolving industrial landscape. - To discuss the significance of interdisciplinary collaboration between engineers and professionals from other fields in effectively addressing complex challenges.
23 April 2024	Women in STEM Talk - Venue: ZOOM Platform - Participant: 61 participants	Program Objectives: <ul style="list-style-type: none"> - To educate participants about the significant contributions of women in STEM fields. - To inspire future women engineers to pursue their aspirations in STEM careers.
27 April 2024	Program Empowering Dreams: Nurturing Tomorrow's Leaders (For Orphans) - Venue: Universiti Teknologi Malaysia (UTM) - Participant: 21 Participants - Industry: Fitrah Qaseh and Amitabha Orphanage	Program Objectives: <ul style="list-style-type: none"> - To empower youth in their pursuit of desired careers. - To expose youth to current industrialization trends, with a specific focus on the Engineering field. - To motivate and encourage children to approach challenges with an optimistic mindset. - To foster a sense of belonging and community among children. - To provide emotional and psychological support to children. - To assess the specific needs of orphanages for potential ongoing support. - To establish a long-term collaborative relationship with the orphanage.
24 May 2024	LnD 6: How to Ace an Interview - Venue: Google Meet Platform - Participant: 70 participants	Program Objectives: <ul style="list-style-type: none"> - To gain an understanding of the interview process. - To provide exposure to strategies that can be employed in preparing for an interview. - To conduct a sharing session on skills that can be enhanced to improve interview performance. - To discuss techniques for effectively answering questions during an interview.



Nurturing Tomorrow's Leaders (For Orphans)



How to Ace an Interview

DATE	ACTIVITIES (IEM-UTM)	REMARKS
25 May 2024	Explore to Singapore <ul style="list-style-type: none"> - Venue: National University Singapore (NUS) & attractions in Singapore - Participant: 68 Participants 	Program Objectives: <ul style="list-style-type: none"> - To foster stronger inter-institutional ties between UTM and NUS. - To facilitate cultural exchange and promotion between Malaysia and Singapore through collaborative activities involving UTM-SS and IES-NUS. - To establish connections between prospective overseas engineers and UTM's graduating engineering students.
8 June 2024	InvencMax 4.0 <ul style="list-style-type: none"> - Venue: Dewan Banquet UTM - Participant: 260 students 	Program Objectives: <ul style="list-style-type: none"> - To ensure long-term success of major IEM-UTM SS competition. - To enhance UTM's leading research and development university reputation through InvencMax 4.0 visibility among local and international student communities. - To position IEM-UTM SS as a platform for student networking & career development. - To develop student creativity & innovation for job market success.
21 June 2024	Consultancy Space Session <ul style="list-style-type: none"> - Venue: M40, KTDI, UTM Skudai - Participant: 10 Students 	Program Objectives: <ul style="list-style-type: none"> - To motivate and retain IEM UTM-SS committee members within the organization. - To provide comprehensive information to committees regarding the functions and responsibilities of each department within IEM UTM-SS. - To gather feedback from committees to assess their needs and identify areas for improvement within IEM UTM-SS.
22 June 2024	LnD 7: Securing Internships in Engineering Fields <ul style="list-style-type: none"> - Venue: Google Meet Platform - Participant: 45 Students 	Program Objectives: <ul style="list-style-type: none"> - To analyse the impact of industrial training on the employability of undergraduate engineering students. - To outline effective strategies for securing industrial training placements in the engineering field. - To explore methods for utilizing available resources to understand an organization's desired culture and values.
10 August 2024	25th Annual General Meeting, Session 2023/2024 <ul style="list-style-type: none"> - Venue: ZOOM Platform 	Program Objectives: <ul style="list-style-type: none"> - To present the annual activity report to members. - To outline effective strategies for securing industrial training placements in the engineering field.



Explore to Singapore



InvencMax 4.0

DATE	ACTIVITIES (IEM-UTM)	REMARKS
7 October 2024	Introduction to IEM - Venue: ZOOM Platform and Facebook Live - Speaker: Ir. Thayala R Selvaduray	Program Objectives: - To understand the distinctions between IEM and BEM. - To explore the benefits of becoming an IEM member. - To recognize the advantages of joining IEM as a student.
8 – 26 October 2024	IEM UTM-SS Executive Committee Session 2024/2025 Recruitment	Program Objectives: - To acquire new skills and talents to support the organization's goals. - To create a platform for members to contribute to the organization and develop a sense of leadership. - To create a sense of community and belonging among members.
25 – 26 November 2024	Employability Series 4.0: Explorace of Career Advancement (Day 1 & 2) - Venue: ZOOM Platform and Facebook Live	Program Objectives: - To provide participants with relevant knowledge and practical skills within their respective fields, facilitating informed career decisions and professional success. - To equip Year 3 to Year 4 engineering students with the necessary resources and guidance for effective career planning and preparation within the engineering field.
7 December 2024	Employability Series 4.0: Explorace of Career Advancement – Mock Interview (Day 3) - Venue: Student Union Building, UTM	- To provide participants with the knowledge and skills necessary to navigate the job market effectively and initiate a successful career in engineering. - To equip students with the skills necessary for professional resume writing, effective interview techniques, and successful navigation of the job application process.



Annual General Meeting



Committee Consultancy Space Session



Employability Series 4.0

DATE	ACTIVITIES (IEM-UTHM)	REMARKS
5 April 2024	Industrial Talk with Gamuda Berhad - Venue: Microsoft Teams - Participant: 183 Participants	Program Objectives: - To enhance UTHM student knowledge of the industry by exposing them to current industry challenges and demands. - To establish an interactive platform facilitating student interaction with industry to enhance communication skills and foster professional networking opportunities.
20 April 2024	Forum: How to be Young & Successful? - Venue: Microsoft Teams - Participant: 384 Participants	Program Objectives: - To demonstrate understanding and application of critical thinking methodologies in engineering problem-solving. - To analyse the necessity of specific skills and professional certifications for industry readiness. - To present insights into industry realities and career progression within the corporate environment. - To enhance student awareness of industry expectations.
19 – 21 April 2024	Participated in IEM-YES National Sport League - Venue: Sunway University - Participant: 20 Representatives	Program Objectives: - To encourage active and healthy lifestyles among university students. - To foster social interaction and integration among university students. - To cultivate leadership and collaborative skills among university students through experiences in team sports participation and management.
24 April 2024	Engineering Carnival - ExxonMobil Career Talk: Embracing Future Energy Solutions in Oil & Gas Industry - Venue: Microsoft Teams - Participant: 353 Participants	Program Objectives: - Facilitate student interaction with industry professionals, particularly experienced engineers, to enhance their knowledge and understanding of potential career paths. - Enhance student employability by expanding professional networking opportunities and fostering positive relationships with potential employers. - Promote holistic learning by facilitating the application of theoretical knowledge in real-world industrial settings. - Enhance student knowledge and practical experience in the application of instrumentation and control systems within the process industry.
2 May 2024	Engineering Carnival - Career Canvas: Interview Impressionists - Venue: Auditorium Al-Jazari PTTA UTHM - Participant: 50 Participants	
9 May 2024	Engineering Carnival - SolidWorks Workshop: Mastering 2D Design - Venue: UTHM PTTA Computer Lab - Participant: 30 participants	
23 May 2024	Engineering Carnival - Imagine AI Site Visit - Venue: Imagine AI Sdn. Bhd. Iskandar Puteri, Johor - Participant: 40 participants	
25 May 2024	Exploring the Future of Robotics - Venue: Innovation Lab UTHM	Program Objectives: - Acknowledging the contributions of all stakeholders in IEM UTHM-SS. - Fostering collaboration between current and past committee members.

DATE	ACTIVITIES (IEM-UTHM)	REMARKS
8 June 2024	IEM UTHM-SS Annual Dinner 2024 - Venue: Barokah Sri Village, Parit Raja - Participant: 78 participants	Program Objectives: - Acknowledging the contributions of all stakeholders in IEM UTHM-SS. - Fostering collaboration between current and past committee members.
28 May – 18 June 2024	Recruitment for IEM UTHM-SS Committee Session 2024/2025	Program Objectives: - To acquire new skills and talents to support the organization's goals. - To create a platform for members to contribute to the organization and develop a sense of leadership. - To create a sense of community and belonging among members.
28 June 2024	IEM UTHM-SS Annual General Meeting 2024/2025 - Venue: Dewan Kuliah 2, PTTA, UTHM - Participant: 60 Participants	Program Objectives: - To introduce the new committee members for IEM UTHM-SS Session 2024/2025. - To present the annual activity report to members.
1 – 4 August 2024	National Summit (NATSUM) 2024 - Venue: Petaling Jaya, Kuala Lumpur	Program Objectives: - To demonstrate understanding and application of critical thinking methodologies in engineering problem-solving. - To analyse the necessity of specific skills and professional certifications for industry readiness. - To present insights into industry realities and career progression within the corporate environment. - To enhance student awareness of industry expectations.



Engineering Carnival



Participated in IEM-YES National Sport League



IEM UTHM-SS Annual Dinner 2024

DATE	ACTIVITIES (IEM-UTHM)	REMARKS
20 October 2024	IEM Welcoming Night 2024/2025 - Venue: Bilik Kuliah E1, Blok G3, UTHM - Participant: 60 participants	Program Objectives: - Acknowledging the contributions of all stakeholders in IEM UTHM-SS. - Fostering collaboration between current and past committee members.
29 November 2024	KLCCC Technical Visit - Venue: Kuala Lumpur Command & Control Centre (KLCCC) - Participant: 30 Participants	Program Objectives: - To gain valuable exposure to the critical role of control and monitoring technology in smart city management. - To witness how these innovations drive efficiency, sustainability, and urban transformation. - To discover exciting career opportunities in this cutting-edge field.
23 December 2024	IEM UTHM-SS Membership Registration Day 2024/2025 - Venue: Dewan Sultan Ibrahim, UTHM - Participant: 490 Participants	Program Objectives: - To open the application period for IEM Student Member admissions. - To enhance student awareness of the benefits of IEM Student Membership.



IEM UTHM-SS Annual General Meeting



IEM UTHM-SS Welcoming Night 2024/2025



KLCCC Technical Visit



IEM UTHM-SS Membership Registration Day 2024/2025

DATE	ACTIVITIES (IEM-SUC)	REMARKS
3 July 2024	How Artificial Intelligence is Revolutionising Manufacturing in the Industry 4.0 Era <ul style="list-style-type: none"> - Venue: IEB 205 - Participant: 83 participants 	Program Objectives: <ul style="list-style-type: none"> - To introduce university students to the role of artificial intelligence in industry. - To learn from the expertise of a chief data scientist. - To network with students from various academic departments interested in artificial intelligence and technology.
10 July 2024	The Institution of Engineers, Malaysia (IEM) Courtesy Visitation <ul style="list-style-type: none"> - Venue: Southern University College - Participant: 13 Participants 	Program Objectives: <ul style="list-style-type: none"> - To strengthen the IEM SUC Student Section through networking, knowledge sharing, and collaboration with IEM. - To advance the IEM SUC Student Section by building relationships, exchanging ideas, and creating opportunities for collaboration with IEM. - To facilitate the exchange of information regarding development goals, needs, work experiences, and future plans
31 July 2024	Welcoming Party & Annual General Meeting <ul style="list-style-type: none"> - Venue: R435 - Participant: 13 Participants 	Program Objectives: <ul style="list-style-type: none"> - To Welcome new freshmen and introduce them to the student section. - To express appreciation to outgoing committee members. - To provide an overview of the student section's financial status.



IEM HQ Courtesy Visitation



How Artificial Intelligence is Revolutionising Manufacturing in the Industry 4.0 Era



Welcoming Party & AGM

IEM (SOUTHERN BRANCH) ACADEMIC AWARD

The Academic Award and Merit Award programme was initiated in 1998 with the intent to encourage students in primary and secondary schools towards achieving academic and personal excellence. The prospective recipients were selected not solely on academic result but rather with overall, standing achievements, merits in extra-curriculum activities and other positive traits.

Year	Category	Students Name	Nomination By	School	Result
2016	UPSR '15(AW)	Lim Win Hern	Ir. Lim Huat Lian	SJK (C) Chee Tong, Masai	7A
	UPSR '15(MR)	Muhammad Syafiq Bin Ishak	Ir. Ishak Bin Hashim	Sek. Keb. Sri Skudai	5A
		Nurfarah Asyiqin Binti Shaari	Ir. Shaari Bin Abdullah	Sek. Keb. Pasir Gudang 4	5A
	SPM '15(AW)	Muhd. Luqman Hakim Bin Sharul Kamal	Ir. Assoc. Prof. Dr. Sharul Kamal Bin Abd. Rahim	Sek. Keb. Sri Skudai	5A
	SPM '15(MR)	Ahmad Hafizuddin Bin Hasni	Ir. Hasni Bin Hassan	Sek. Men. Keb. Islam Hidayah	4A+, 4A, 3A
		Mok Zhe En	Mok Tai Juan	Sek. Men. Keb. Tmn. Daya	5A+, 3A, 2A
		Mohamad Nurhaqim Bin Shaari	Ir. Shaari Bin Abdul Hamid	Sek. Men. Keb. Sains Batu Pahat	8A, 1B+
2017	UPSR '16(AW)	Christopher Wong Zhi Jie	Ir. Geoffrey Wong Ngie Sing	SJK (C) Foon Yew 5	7A, 1B
	UPSR '16(MR)	Tan Ruo Xi	Tan San Hao	SJK (C) Ping Ming	8A
	PT3 '16(AW)	Muhammad Dzhafray Aiman Bin Zulkifli	Ir. Zulkifli Bin A. Kahar	Sek. Men. Keb. Dato' Usman Awang	8A, 2C
		Kok Fang Juin	Ir. Puen Tak Hong	Sek. Men. Keb. Tmn. Pelangi Indah	9A, 1B
	PT3 '16(MR)	Law Zhi Xi	Ir. Law Kwong Ling	Sek. Men. Keb. Dato' Usman Awang	7A, 2B, 1C
	SPM '16(AW)	Gan Yee Wei	Gan Yong Chong	Sek. Men. Keb. Sultan Ismail	7A+, 2A, 1B+
		Teh Jing Xuan	Leong Men Ling	Sek. Men. Keb. Permas Jaya	7A+, 3A
	SPM '16(MR)	Bryce Tan Chiaw Ann	Ir. Tan Weng Joo	SMK Dato' Penggawa Timur Masai	5A+, 3A, 1A-, 1C+
		Wan Ain Sharmimi Sofea Binti Wan Mohd Razani	Wan Mohd Razani Bin Wan Mohd Nasir	Maktab Rendah Sains Mara Batu Pahat	5A+, 2A, 2A-
2018	UPSR '17(AW)	Kok Fang Lin	Ir. Puen Tak Hong	SJK (C) Foon Yew 5, Johor Bahru	8A
	UPSR '17(AW)	Aaron Lim Hong Rong	Ir. Lim Boon Hai	SJK (C) Thai Hong, Skudai	8A
	UPSR '17(AW)	Nurfarah Ayuni Binti Shaari	Ir. Shaari Bin Abdul Hamid	SK Pasir Gudang 4, Pasir Gudang	6A
	UPSR '17(MR)	Lim Yi Siew	Lim Chain Chuan	SJK (C) Foon Yew 5, Johor Bahru	6A, 1B, 1C
	UPSR '17(MR)	Nur Izzati Aishah Binti Iskandar Shah	Dr. Iskandar Shah Bin Ishak	SK Taman Kota Kulai	6A
	PT3 '17(AW)	Muhammad Zahin Bin Mohd Saiful	Ir. Mohd Saiful Bin Tiar	SMK Taman Universiti 2, Skudai	9A, 1B
	PT3 '17(AW)	Kok Fang Zhe	Ir. Puen Tak Hong	SMK Taman Pelangi Indah, Johor Bahru	7A, 2B, 1C
	SPM '17(AW)	Muhammad Zafri Bin Mohd Saiful	Ir. Mohd Saiful Bin Tiar	MRSM Tun Dr. Ismail, Pontian	3A+, 1A,
		Teh Jing Ye	Mok Tai Juan	SMK Permas Jaya, Johor Bahru	3A-, 1B+, 1B
					6A+, 2A, 2A-
2019	UPSR '18(AW)	Kimberly Wong Yun Jie	Ir. Wong Ngie Sing, Geoffery	SJK (C) Foon Yew 5	7A 1 B
		Koh Huai Aan	Ir. Dr. Koh Siong Lee	SK Medini	6A
	PT3 '18(MR)	Phang Zheng Qian	Ir. Liew Shu Fang, Elaine	SJK (C) Pu Sze	7A 1B
	PT3 '18(AW)	Muhammad Syafiq Bin Ishak	Ir. Ishak Bin Hashim	Maktab Rendah Sains MARA (JB)	7A 2B 1D
	PT3 '18(MR)	Ng En Ze	Ir. Ng Han Teck	SMK Yong Peng	10A
	SPM '18(AW)	Ahmad Akmaluddin bin Hasni	Ir. Hasni Bin Hassan	Sekolah Menengah Islam Hidayah	6A+ 4A 1A-
		Kok Fang Juin	Ir. Puen Tak Hong	SMK Taman Pelangi Indah	5A+ 5A 1A-
		Law Zhi Xin	Ir. Law Kwong Ling	SMK Dato' Usman Awang	5A+ 2A 2A- 1B
2020	UPSR '19(AW)	Ling Chun Ng	Ir. Ling Ngie Soon	SJKC Pei Hwa 2, Permas Jaya	8A
		Fu Qian Xun	Ir. Fu Yee Woei	SJKC Kulai 2	7A 1B
	PT3 '19(AW)	Eow Wei Chyn	Ir. Eow John Son	SMK Dato' Penggawa Timur	8A 1B
		Christopher Wong Zhi Jie	Ir. Wong Ngie Sing, Geoffery	SMK Taman Pelangi Indah, Johor Bahru	7A 2B
	PT3 '19(MR)	Lee Jian Xu	Ir. Lee Wei Shiong	Seri Omega Private & International School	4A 3B
	SPM '19(AW)	Kok Fang Zhe	Kok Kai Chern	SMK Taman Pelangi Indah, Johor Bahru	8A+ 3A
	SPM '19(MR)	Gan Yee Kim	Gan Yong Chong	SMK Dato' Jaafar, Johor Bahru	4A+ 3A 2A- 1B
2021	SPM '20(AW)	Bryan Chow Wei Qian	Ir. Chow Kai Hoon	Sekolah Menengah Seri Omega	8A+ 2A
		Nurfarah Asyiqin Binti Shaari	Ir. Shaari Bin Abdul Hamid	Sekolah Menengah Sains Batu Pahat	4A+ 3A 1A- 1B+
		Ng En Ze	Ir. Ng Han Teck	SMK Yong Peng	11A+
	SPM '20(MR)	Muhammad Borhan Bin Khairul Azhar	Wan Rosmiza Zana Wan Dagang	MRSM Johor Bahru	3A+ 2A 3A- 1B+
		Teo Yong Shen	Ir. Teo Chee How	Sekolah Menengah Seri Omega	7A+ 2A 1A-
	STPM '20(AW)	Muhammad Dzhafray Aiman Bin Zulkifli	Ir. Zulkifli Bin A. Kahar	Maktab Sultan Abu Bakar	3.83
2022	SPM '21(AW)	Eow Wei Chyn	Ir. Eow John Son	SMK Dato' Penggawa Timur	7A+ 3A
		Ong Hong Yao	Ir. Ong Boon Leong	SMK Seg Hwa	5A+ 4A 1A-
		Christopher Wong Zhi Jie	Ir. Wong Ngie Sing, Geoffery	SMK Taman Pelangi Indah	6A+ 3A 1A-
2023	SPM '22(AW)	Aaron Lim Hong Rong	Ir. Lim Boon Hai	SMK Impian Emas	7A+ 1A 1A- 1B+
		Kok Fang Lin	Ir. Kok Kai Chern	SMK Infant Jesus Convent	7A+ 4A
		Lim Yi Siew	Ir. Lim Chain Chuan	SMK Taman Daya	5A+ 3A 1A- 1B+
		Muhammad Luqmanul Hakim Bin Suhairul	Ir. Dr. Siti Asmah Binti Hassan	MRSM Johor Bahru	5A+ 2A 1A- 1B+
	SPM '23(MR)	Ng Ze Xian	Ir. Ng Han Teck	SMK Yong Peng	9A+ 2A 1B+
		Chow Guo Qian	Ir. Chow Wee Jin	SMK Taman Daya	6A+ 4A 1A-
		Nurfarah Ayuni Binti Shaari	Ir. Shaari Bin Abdul Hamid	MRSM Johor Bahru	5A+ 3A 1B+
2024	SPM '24(AW)	Muhammad Adam Bin Mohd Adib	Ir. Assoc. Prof. Dr. Mohd Adib Bin Mohammad Razi	SMA Kerajaan Johor, Kluang	7A+ 2A 1A- 1B+
	SPM '24(MR)	Kimberly Wong Yun Jie	Ir. Wong Ngie Sing, Geoffery	SMK Taman Pelangi Indah	8A+ 3A
		Intan Falisha Binti Nasarudin	Assoc. Prof. Dr. Ts. Dalila Binti Mat Said	SMK Mutiara Rini	7A 2A-
		Phang Zheng Qian	Ir. Phang Sin Yen	SMK Skudai	3A+ 3A 3A- 1B+

**STATEMENT OF COMPREHENSIVE INCOME
FOR THE YEAR ENDED 31 DECEMBER 2024**

	2024 RM	2023 RM
INCOME		
CPD programmes and seminars	88,750	52,675
Government grant - AFEO and annual dinner	-	30,000
Members dinner and souvenir program	181,070	134,292
Merchandise items	3,035	843
Secretarial subsidy from head quarters	18,000	18,000
Social and sports	2,900	8,510
Subsidy from head quarters	43,732	58,089
YES STEM Program	10,000	12,000
	<u>347,487</u>	<u>314,409</u>
ADD : OTHER OPERATING INCOME		
Fixed deposits interest income	7,575	6,739
Miscellaneous income	51	49
Rental income	33,600	22,400
	<u>388,713</u>	<u>343,597</u>
LESS : OTHER OPERATING EXPENSES		
Academic award prizes		1,793
- Current Year	-	
- Reimbursement from headquarters for YE 2022 to YE 2024	(2,700)	
Accountancy fee	6,000	6,000
Advertisement and website charges	2,750	3,803
Agent Fee	-	2,968
AGM expenses	4,950	4,972
Assessment and quit rent	2,830	1,762
Audit fee	2,300	2,000
Bank charges	212	221
Bonus and incentives	15,700	9,340
CPD programmes and seminars	27,334	25,806
Depreciation	11,596	15,738
EIS contribution	212	193
EPF contribution	16,236	13,979
General expenses	700	898
IEM HQ annual dinner expenses	3,888	3,888
IEM-UTM student section	-	2,399
Insurance	1,356	878
License fee	100	100
Medical fee	90	261
Members dinner and souvenir program	76,536	73,214
Merchandise items	1,418	805
Postage and courier charges	669	515
Printing and stationery	1,685	1,186
Refreshment	957	538
Rental for photostat machine	1,800	1,680
Salary and allowance	114,900	102,955
Social and sports	12,815	18,411
Socso contribution	1,856	1,687
Staff welfare	-	4,218
Subscription fee	354	974
Tax service fee	1,592	1,456
Transport charges	1,519	1,120
Travelling and accomodation expenses	226	-
Upkeep of building	3,550	6,184
Upkeep of office	2,896	4,635
Water, electricity and telephone charges	8,420	8,255
YES expenditure	10,165	7,229
	<u>334,912</u>	<u>332,061</u>
(DEFICIT) BEFORE TAXATION	<u>53,801</u>	<u>11,536</u>
TAXATION	<u>(295)</u>	<u>(107)</u>
NET (DEFICIT) FOR THE PERIOD/YEAR	<u>53,506</u>	<u>11,429</u>
SURPLUS BROUGHT FORWARD	<u>355,350</u>	<u>343,921</u>
GENERAL FUND	<u>408,856</u>	<u>355,350</u>

**STATEMENT OF FINANCIAL POSITION
AS AT 31 DECEMBER 2024**

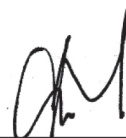
	Cost RM	Acc. Depn. RM	Balance RM
NON-CURRENT ASSETS			
<u>Plant and equipment</u>			
Air-conditioner (10%)	12,876	11,583	1,293
Alarm system (10%)	2,628	2,221	407
Computer (50%)	8,680	7,505	1,175
Electrical installation (10%)	13,490	13,403	87
Furniture and fittings (5% - 10%)	23,869	22,391	1,478
Office equipment (10%)	32,499	24,274	8,225
Renovation (10%)	138,339	126,352	11,987
Signboard (10%)	6,583	5,216	1,367
	<u>238,964</u>	<u>212,945</u>	<u>26,019</u>
CURRENT ASSETS			
Other receivables, deposits and prepayments		8,860	
Fixed deposits with a licensed bank		352,402	
Cash and bank balances		<u>70,926</u>	
		<u>432,188</u>	
TOTAL ASSETS			<u>432,188</u>
			<u>458,207</u>
RESERVES AND LIABILITY			
General fund			408,856
UTM fund			<u>20,516</u>
ACCUMULATED FUNDS			<u>429,372</u>
CURRENT LIABILITY			
Other payables and accruals			28,435
Tax payable			<u>400</u>
			<u>28,835</u>
TOTAL RESERVES AND LIABILITY			<u>458,207</u>

STATEMENT BY THE EXECUTIVE COMMITTEE

We, the undersigned, being two members of the Committee of **THE INSTITUTION OF ENGINEERS, MALAYSIA (SOUTHERN BRANCH)**, do hereby state on behalf of the Committee that, in our opinion, the financial statements of the Institution set out on pages 31 to 32 are drawn up in accordance with Malaysian Private Entities Reporting Standard and the provisions of the Societies Act, 1966 in Malaysia so as to give a true and fair view of the state of affairs of the Institution as at 31 December 2024 and of the results of its business for the year 31 December 2024.



Ir. DAVID PUAN MING SHEN
CHAIRMAN



Ir. JURAIMI BIN MASOOD
HONORARY TREASURER

STATEMENT BY HONORARY INTERNAL AUDITOR

We, the undersigned, certify that we have examined the Statement of Financial Position as at 31 December 2024, the Statement of Comprehensive Income for the year ended on that date together with notes on the accounts and other records and found them true and fair to the best of our knowledge.



Ir. LING NGIE SOON
HONORARY INTERNAL AUDITOR



PROF. EMERITUS Ir. MOHAMAD AFIFI BIN ABDUL MUKTI
HONORARY INTERNAL AUDITOR



ING WANG & CO
FIRM NO. AF-1499
CHARTERED ACCOUNTANTS (M)

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INDEPENDENT AUDITORS' REPORT TO THE MEMBERS OF THE INSTITUTION OF ENGINEERS, MALAYSIA (SOUTHERN BRANCH)

Report on the audit of the financial statements

Opinion

We have audited the financial statements of **THE INSTITUTION OF ENGINEERS, MALAYSIA (SOUTHERN BRANCH)**, which comprise the statement of financial position as at 31 December 2024, and the statement of comprehensive income and statement of changes in funds for the year then ended, and notes to the financial statements, including a summary of significant accounting policies, as set out on pages 1 to 17.

In our opinion, the accompanying financial statements give a true and fair view of the financial position of the Institution as at 31 December 2024, and of its financial performance for the year then ended in accordance with Malaysian Private Entities Reporting Standard and the provisions of the Societies Act, 1966 in Malaysia.

Basis for Opinion

We conducted our audit in accordance with approved standards on auditing in Malaysia and International Standards on Auditing. Our responsibilities under those standards are further described in the Auditors' Responsibilities for the Audit of the Financial Statements section of our report. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Independence and Other Ethical Responsibilities

We are independent of the Institution in accordance with the By-Laws (on Professional Ethics, Conduct and Practice) of the Malaysian Institute of Accountants ("By-Laws") and the International Ethics Standards Board for Accountants' Code of Ethics for Professional Accountants (Including International Independence Standards) ("IESBA Code"), and we have fulfilled our other ethical responsibilities in accordance with the By-Laws and the IESBA Code.

Responsibilities of the Committee Members for the Financial Statements

The Committee Members of the Institution are responsible for the preparation of financial statements of the Institution that give a true and fair view in accordance with Malaysian Private Entities Reporting Standard and the provisions of the Societies Act, 1966 in Malaysia. The Committee Members are also responsible for such internal control as the Committee Members determine is necessary to enable the preparation of financial statements of the Institution that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements of the Institution, the Committee Members are responsible for assessing the Institution's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless the Committee Members either intend to liquidate the Institution or to cease operations, or have no realistic alternative but to do so.

Auditors' Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements of the Institution as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditors' report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with approved standards on auditing in Malaysia and International Standards on Auditing will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

As part of an audit in accordance with approved standards on auditing in Malaysia and International Standards on Auditing, we exercise professional judgement and maintain professional scepticism throughout the audit. We also:

INDEPENDENT AUDITORS' REPORT TO THE MEMBERS OF

THE INSTITUTION OF ENGINEERS, MALAYSIA (SOUTHERN BRANCH) (CONTINUED)

Auditors' Responsibilities for the Audit of the Financial Statements (continued)

- Identify and assess the risks of material misstatement of the financial statements of the Institution, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Institution's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by the Committee Members.
- Conclude on the appropriateness of the Committee Members' use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Institution's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditors' report to the related disclosures in the financial statements of the Institution or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditors' report. However, future events or conditions may cause the Institution to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the financial statements of the Institution, including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.

We communicate with the Committee Members regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

Report on Other Legal and Regulatory Requirements

In accordance with the requirements of the Societies Act, 1966 in Malaysia, we also report that in our opinion, the accounting and other records and the registers required by the Act to be kept by the Institution have been properly kept in accordance with the provisions of the Act.

Other Matters

This report is made solely to the members of the Institution, as a body, in accordance with Section 26 of the Societies Act, 1966 in Malaysia and for no other purpose. We do not assume responsibility to any other person for the content of this report.

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ING WANG & CO.
AF - 1499
Chartered Accountants



WANG ING MIN
02435/06/2025 J
Partner

Notes



The Institution of Engineers, Malaysia
(Southern Branch)
Institut Jurutera Malaysia
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