

IEM

The Institution of Engineers, Malaysia
(Southern Branch)

SUS ENGINEERING

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ANNUAL DINNER AND AWARDS NIGHT 2024

RESTAURANT PEKIN DAIMAN 18, JOHOR BAHRU
24 AUGUST 2024, SATURDAY
7:30 PM

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E-mail: iemsouthern@gmail.com
Facebook: http://www.facebook.com/IEMSouthernBranch

Programmes

7.45 p.m.	:	*Arrival of members, Guests, and VIPs*
8.15 p.m.	:	*All guests to be seated*
8.30 p.m.	:	*Arrival of Guest-of-Honour*
	:	*Opening Performance*
	:	*Welcome Address by the Chairman of IEM (Southern Branch) Ir. David Puen Ming Shen*
	:	*Speech by the President of The Institution of Engineers, Malaysia (IEM) Ir. Prof. Dr. Jeffrey Chiang Choong Luin*
	:	*Speech by Guest-of-Honour*
	:	*Dinner and Performance*
	:	*IEM (Southern Branch) Academic Award Presentations*
	:	*IEM (Southern Branch) Heart of Community Award*
	:	*Souvenirs Presentations*
	:	*Lucky Draw*
10.30 p.m.	:	*End of Programme*



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Executive Committee Members 2024/2025



From left: Cik Nurin Adriana Binti Ariff, Ir. Hajah Nazatul Shima Binti Mohamad, Ir. Tan Xian Hui, Ir. So Wee Siang, Ir. Kamisan Bin Turiman, Ir. David Puen Ming Shen, Ir. Thayala R Selvaduray, Ir. Prof. Dr. Sharul Kamal Bin Abdul Rahim, Ir. Juraimi Bin Masood, Ir. Jason Lim Wuh Terng, Ir. Dr. Noor Nabilah Binti Sarbini, Puan Azlina Binti Abdullah

Position	Name
Chairman	Ir. David Puen Ming Shen
Immediate Past Chairman	Ir. Thayala R Selvaduray
Vice Chairman	Ir. Prof. Dr. Sharul Kamal Bin Abdul Rahim
Vice Chairman	Ir. Kamisan Bin Turiman
Hon. Secretary	Ir. So Wee Siang
Hon. Treasurer	Ir. Juraimi Bin Masood
Committee Member	Ir. Dr. Noor Nabilah Binti Sarbini
Committee Member	Ir. Hajah Nazatul Shima Binti Mohamad
Committee Member	Ir. Jason Lim Wuh Terng
Committee Member	Ir. Tan Xian Hui
Secretariat	Puan Azlina Binti Abdullah Cik Nurin Adriana Binti Ariff
Past Chairman Serving in the Committee	Ir. Teo Kiyuee Ir. Wong Yee Foong Ir. Lee Meng Chiat Ir. Assoc. Prof. Dr. Hayati Binti Abdullah Dato' Ir. David Lee Hoke Hai Ir. Sim Tian Liang Dato' Ir. Ng Ah Kow Dato' Ir. Steve Chong Yoon On Dato' Ir. Lim Chow Hock















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Annual Dinner & Awards Night 2024

Organising Committee



Organizing Chairperson
Ir. JASON LIM WUH TERNG



Advisor
Ir. DAVID PUEN MING SHEN



Committee
JOSHUA SI WEE HEARN



Committee
Ir. TAN XIAN HUI



Committee
Dr. YIP BAO FANG



Committee
JASON YAP JIAN YANG



Committee
NURIN ADRIANA ARIFF



Committee
AZLINA ABDULLAH



Committee
JOWEEN CHENG
JUO IN



Committee
Ir. Dr. NOOR NABILAH
BINTI SARBINI

The Organising Committee wish to express their sincere gratitude and appreciation to all organizations for their support and contribution towards the success of our Annual Dinner & Awards Night.

Thank you! Hope you will enjoy the night!

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MESSAGE FROM
Menteri Besar Johor



Bismillahirrahmanirahim,
Assalamualaikum Warahmatullahi Wabarakatuh dan Salam Sejahtera,

Syukur kepada Allah SWT kerana dengan limpah kurnia-Nya, kita dapat berkumpul pada malam yang berbahagia ini. Saya amat berbesar hati berada di sini bersama anda semua untuk Majlis Makan Malam anjuran Institusi Jurutera Malaysia (Cawangan Selatan).

Majlis ini memberi peluang untuk merapatkan ukhuwah, berkongsi ilmu dan pengalaman, serta merancang masa depan yang lebih gemilang untuk negeri Johor. IEM (Cawangan Selatan) telah lama memainkan peranan penting dalam pembangunan negeri Johor. Tanpa kepakaran dan komitmen para jurutera, pelbagai projek infrastruktur tidak akan dapat direalisasikan.

Kerajaan negeri Johor sangat komited dalam pembangunan infrastruktur dan akses kemudahan asas seperti jalan raya, pengangkutan, komunikasi, bekalan air bersih, dan bekalan elektrik. Pelbagai strategi dan inisiatif telah dirancang, termasuk pemuliharaan sumber air, jaminan bekalan elektrik yang stabil, dan perkembangan teknologi digital. Johor telah menjadi kawasan utama di Malaysia untuk pusat data, selaras dengan revolusi industri 4.0 dan kecerdasan buatan.

Inisiatif lain termasuklah memperkenalkan Sekolah Rintis Johor pada tahun 2025, yang memberi tumpuan kepada pendidikan STEM dan penguasaan Bahasa Inggeris. IEM harus memainkan peranan penting dalam pembangunan ini dengan memberikan bimbingan dan sokongan kepada pelajar-pelajar kita.

Akhir kata, saya ingin merakamkan penghargaan kepada semua jurutera yang telah menyumbang kepada pembangunan negeri Johor. Saya berharap hubungan erat antara kerajaan negeri dan industri kejuruteraan dapat terus diperkukuhkan demi kemajuan bersama.

Dengan lafaz Bismillahirrahmanirrahim, saya merasmikan Majlis Makan Malam Anjuran Institusi Jurutera Malaysia (Cawangan Selatan).

Sekian, terima kasih.

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MESSAGE FROM
IEM President



It gives me great pleasure as President of The Institution of Engineers, Malaysia to put down a few words in the Annual Dinner 2024 Souvenir Programme of IEM Southern Branch, one of IEM's older Branches. Established on 18th August 1971, IEM Southern Branch is now 53 years old and it is one of the largest Branches of IEM servicing members in the southern part of the country including IEM members from Singapore.

With the IEM membership growing exponentially in recent years, IEM Branches are facing tremendous challenges to keep pace with the increasing number of members in the various States and their expectations. It is therefore important that we now expand our attention on upgrading and enabling our Branches to provide the necessary support and services to the increasing membership in the respective States. Our focus will now shift from solely what the Headquarters can accomplish to what we can empower each Branch to achieve, potentially surpassing individual efforts. With this in mind, IEM HQ particularly, the top office bearers had been engaging with the Branches more frequently to ensure the Branches are well-equipped to provide top notch services to our members. In December last year, the IEM Council had approved an additional subsidy for Branches to upgrade their IT facilities so as to enhance the provision of virtual programmes for members. We will continue to monitor the needs of the Branches for further improvement if needed.

It is for this reason that I look forward to attending Annual Dinner events hosted by each IEM Branch as it gives an opportunity for the President of IEM to get to know members of the Branches. In particular, I will be focussing on the sustainability aspects of Branch membership such as maintaining the value for membership, promoting ethics, channelling engineering and technical advice to the authorities where required, and being an influential mouthpiece from the engineers' perspective.
I am confident that IEM (Southern Branch) will rise to meet any future challenges as it has done since the date of its establishment. Congratulations on all that the Branch has achieved in the past and I wish the Branch every success in the many decades that are yet to come.

Thank you and with warmest regards,

Ir. Prof Dr Jeffrey Chiang Choong Luin
President, Session 2024-2026

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MESSAGE FROM
Branch Chairman



Welcome to The Institution of Engineers, Malaysia (Southern Branch) Annual Dinner 2024. It is an honour to gather this evening with esteemed professionals from across the fields of contracting, development, academics and consulting. As we reflect on the past year's accomplishments and look ahead to future innovations, I would like to emphasize the critical importance of sustainable engineering.

Engineering may soon not merely be only about technical solution but another step ahead in considering the issue on sustainability. Our industry must lead the charge in adopting sustainable practices, which include upcycling materials, designing self-sufficient systems, and minimizing our environmental footprint. By integrating these principles, we ensure that our work not only meets present needs but also safeguards the future for generations to come.

I am also delighted to extend my heartfelt congratulations to the recipients of the Heart of Community Award, the IEM Ad Hoc Dengue Committee. Since its inception in 2015, this dedicated committee has made remarkable strides across Malaysia, actively working to combat dengue fever and successfully producing the IEM Guideline on The Prevention and Control of Dengue. Your tireless efforts have significantly contributed to public health and safety, embodying the true spirit of engineering excellence and community service.

Furthermore, I would like to record our deepest gratitude to our main sponsors and participating companies for tonight event. Your generous contributions have been pivotal in making this event possible and in enhancing the engineering profession within our community. Your support allows us to continue our mission of fostering innovation, collaboration, and excellence in engineering.

Thank you, and enjoy the evening.

Ir. David Puen Ming Shen
Chairman, Session 2024-2025



For more information:

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MESSAGE FROM
Organising Chairman



Ladies and Gentlemen,

On behalf of The Institution of Engineers, Malaysia (Southern Branch), it is my great pleasure to welcome you to our Annual Dinner 2024. This year, we gather under the theme of "Sustainable Engineering," a topic of immense relevance and importance as we navigate the challenges and opportunities of our rapidly evolving world.

I would like to extend my heartfelt gratitude to all our esteemed guests, members, sponsors, and supporters. Your unwavering commitment and support are the cornerstone of our success, and it is because of you that we continue to thrive and advance in our mission. As engineers, we play a pivotal role in shaping the future. Our profession is at the forefront of innovation and development, driving progress and enhancing the quality of life for communities across the globe. Here in Johor, the impact of our work is particularly evident. The rapid development and transformation we witness daily are testaments to the ingenuity, dedication, and expertise of our engineering community.

This evening, as we celebrate our achievements and look towards the future, let us reaffirm our commitment to sustainable practices. Sustainable engineering is not merely a trend but a necessity. It is our responsibility to ensure that our advancements contribute positively to the environment and society, fostering a legacy of sustainability for future generations.

Thank you once again for joining us tonight and for your continued support. Together, let us inspire and innovate towards a brighter, more sustainable future.

Enjoy the evening.

Warm regards,

Ir. Jason Lim Wuh Terng
Organising Chairman

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IEM'S VISION

The Institution of Engineers, Malaysia aims to be the premier learned engineering society championing the adoption of ethics and professional best practices in all sectors of the industry.

OUR MISSION

IEM shall promote sound professional engineering practice in support of the socio-economic development objectives of the nation.

IEM shall service the needs and interests of its members and the public and uphold the social standing and image of the engineering profession.

IEM shall contribute towards nation building and shall strive to enhance society's consciousness of science and technology.

IEM'S FUNCTIONS

IEM is a society established to promote and advance the Science and Profession of Engineering in any or all its disciplines and to facililate the exchange of information and ideas related to Engineering.

IEM'S OBJECTIVES

The objectives of the Institution as set out in the Constitution shall include the following:

a) to hold meetings, exhibitions and visits, and such other activities as the Institution may deem incidental or conducive to the promotion or attainment of the profession of engineering;

b) to raise the character and status and advance the interests of the profession of engineering and those engaged therein;

c) to promote honourable practice and professional etiquette among members of the Institution;

d) to communicate to members information on all matters affecting the profession of engineering and to print, publish, issue and circulate such publications as may seem conducive to any of the objectives of the Institution; and

e) to do such other things as the Institution may think incidental or conducive to attainment of the objectives of the Institution.

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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, Hon. MAFEO, ASEAN Eng.*
2016/2017, 2017/2018 *(Nov 2016–Jun 2018)*	**Ir. Hj. MOHD KHIR BIN MUHAMMAD** *B.Sc.(Wichita St USA) MBA(UiTM) 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 FIEM 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) PEng CEng CMarEng ASEAN Eng Hon. MAFEO FIMarEST FIEM MIEEE MEPA REEM*
2012/2013, 2013/2014	**Dato' Ir. DAVID LEE HOKE HAI** *DSAP* *BEM/IEM (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(UiTM) 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	**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 PJKB.Eng. MIEM P.Eng*

Snapshot of Events and Activities 2024



IEM (Southern Branch) 51st Annual General Meeting at the Grand Paragon Hotel Johor Bahru



IEM (Southern Branch) Past Chairman



IEM (Southern Branch) Executive Committee Session 2024/2025



Talk on "Polished Concrete: State of the Art from Europe to Asia" by Cemseal Industries Sdn. Bhd.

Snapshot of Events and Activities 2024



Half Day Talk on "Waterproofing Solutions for Substructure Works – The Way Forward"



Half Day Seminar on "Designing Hot Water Systems in 15 Minutes! Game Changer for Hotels and Hospitals"



Half Day Seminar on "Optimize Steel Frame Design with Semi-Rigid Joints"



Half Day Talk on "Electrifying Transformation: Converting from Internal Combustion Engine (ICE) to Electric Power"



Half Day Talk on "Conceptual Design: An Energy Efficient Approach to Design Centralized Air-Conditioning VRV System for Commercial Buildings"





"Route to MIEM and a Professional Engineer" Workshop

Snapshot of Events and Activities 2024



Courtesy Visit to the office of MBJB Mayor



IEM (Southern Branch) Executive Committee Attending IEM 65th Annual Dinner & Awards Night



Technical Visit to MBJB JBIOCC



Technical Visit to Coronade Properties



IEM (Southern Branch) Hari Raya Open House 2024

Snapshot of Events and Activities 2024

YOUNG ENGINEERS SECTION






STEM Education Program at SMK Dato Syed Esa, Batu Pahat, Johor

IEM STUDENT SECTION (UNIVERSITI TEKNOLOGI MALAYSIA)



Nurturing Tomorrow's Leaders



Explore to Singapore



INVENCMAX 4.0



Consultancy Space

IEM STUDENT SECTION (UNIVERSITI TUN HUSSEIN ONN MALAYSIA)



Forum: How to be Young and Beautiful



SolidWorks Workshop



Imagine AI Site Visit



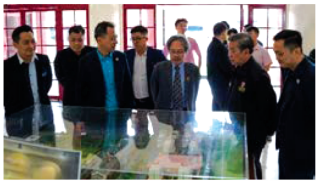
Annual Dinner 2024

IEM STUDENT SECTION (SOUTHERN UNIVERSITY COLLEGE)



How Artificial Intelligence is Revolutionising Manufacturing in the Industry 4.0 Era



Courtesy Visitation from IEM HQ



ALAP application at New Santa Chiara Hospital, Italy



Purtop Spray application at Etnapolis's roof deck, Italy



Mapelastic Foundation application at Tanjung Bin Coal-Fired Power Plant, Malaysia

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MAPEI

Academic Awards 2024 Recipients

The Institution of Engineers, Malaysia (Southern Branch) has once again recognized the achievements of students in secondary schools particularly among the children of IEM Members. The selection of suitable recipients is not based on academic performance alone, but also on the overall standing achievements, merits, and personal traits of the recipients.

SPM Category

Student's Name	Nomination By	School and Extra-curricular Activities	Highest Academic Result	Prize
Muhammad Adam Bin Mohd Adib	Ir. Assoc. Prof. Dr. Mohd Adib Bin Mohammad Razi (M25819)	Sekolah Menengah Agama Kerajaan Johor, Kluang – Secretary of School Prefect – Cadet Corporal in the Kor Kadet Polis Diraja Malaysia 2019-2024 – Treasurer of Cadet Police Club – Committee Member of English Speech Club – Committee Member if Nadi Al-Ansar Club – Committee Member of Sepak Takraw Club – Committee Member of Bowling Club – Recognition Award for memorised Al-Quran Juz 1-14 in conjunction with Tahfiz Nawawi Programme – Champion in Kluang Mahrajan Al-Quran Sekolah-Sekolah Menengah (MQSSM) 2023 – Champion in Male English Speech Competition for the 23rd Johor Level Ihtifal Ilmi Sekolah Menengah Agama Johor 2023 – 1st Runner Up in 9th National Level Male English Speech Competition 2023 – Participated in Kluang Kor Kadet Polis M16 Rifle Shooting Training Program 2023 – Participated in "Seminar Jati Diri Bangsa Johor" 2024 – Participated in Malaysian National Chemistry Quiz 2023 – Participated in Leadership Camp 2023 at Kem Kaizen Gunung Pulai – Participated in Hafazan Camp 2022 – Participated in MSSD Level Bowling Competition – Participated in School Level Sport for Cross Country Race, and Track & Field Rally	7A+ 2A 1A- 1B+	Academic Award Certificate, RM 300 & Book Prize
Intan Falisha Binti Nasrudin	Assoc. Prof. Ts. Dr. Dalila Binti Mat Said (G54332)	SMK Mutiara Rini – Student Leaders Board (2022-2023) – Vice President of Geography, Environment, and Tourism Club – Active Member of Cadet Police – Active Member of Ping Pong Club – Received Nilam Award 2023 – Champion in Mandarin Speech Competition (Female Secondary Category), Ittifal Lughawi Sekolah-Sekolah (ILSS) Ministry of Education Malaysia (KPM) Johor Bahru District Level 2023 – Contributed in "Badan Kepimpinan 2023" Programme – Participated in Ittifal Lughawi Sekolah-Sekolah (ILSS) Ministry of Education Malaysia (KPM) Johor Bahru State Level 2023 – Participated in Mini Documentary Competition, English Languange Unity Carnival Johor Bahru District Level 2023 – Participated in Aviation Community Engagement @ Skudai 2023 (ACES '23) – Participated in Cross Country Race 2023 – Participated in ILAMSC CSR Series: Let's Gardening! The Edible Garden at School 2022	7A 2A-	Merit Award Certificate, RM 100 & Book Prize



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SPM Category (cont'd)

Student's Name	Nomination By	School and Extra-curricular Activities	Highest Academic Result	Prize
Kimberly Wong Yun Jie	Ir. Wong Ngie Sing, Geoffrey (M15184)	SMK Taman Pelangi Indah – School Prefect 2023 – Vice Treasurer of Archery Club – Committee Member of St. John Ambulance – Committee Member of Chinese Society – 1st Place in Chinese Calligraphy Competition in conjunction of Language Month 2023 – National Top 105 Selection Contest in Sin Chew Online Quiz 2023 – Awarded with Grade 8 (Ballet) for Royal Academy of Dance Level 3 Certificate in Graded Examination in Dance 2023 – Awarded with Intermediate (Ballet) for Royal Academy of Dance Level 3 Certificate in Vocational Graded Examination in Dance 2023 – 3rd Place in National Level Wellness Quiz Competition in conjunction with Let's Get Healthy Program 2023 – Contributed as Leader Event (Design) for Charity Carnival SMK Taman Pelangi Indah 2023 – Participated in School Level Marching Competition 2023 – Participated in Pasir Gudang Regional Chemical Outreach Competition 2023 – Participated in Secondary School Level Calligraphy Competition in conjunction with Pasir Gudang District Secondary School Chinese Language Carnival 2023 – Participated and completed the Project ID x SKRINE's Interview Mastery Workshop 2023 – Participated in School Challenge Legoland 2022 – Participated in Johor Virtual Drama Video MBMMBI: Sketch SM Competition 2022	8A+ 3A	Merit Award Certificate, RM 100 & Book Prize
Phang Zheng Qian	Ir. Phang Sin Yen (M25681)	SMK Skudai – Awarded with Digital Advance for Digital Competency Score – 4th Place for National Level High School Autonomous Sport: Robomission Rookie Competition 2023 – Participated in Iskandar Puteri Low Carbon Infographic Poster Competition 2024 – Participated in 4th National Level Drone Edu Challenge IR4.0 organised by Institute of Human Centered Engineering (iHumEn) UTM – Participated in National Level Redong Virtual Run 2.0 2023	3A+ 3A 3A- 1B+	Merit Award Certificate, RM 100 & Book Prize

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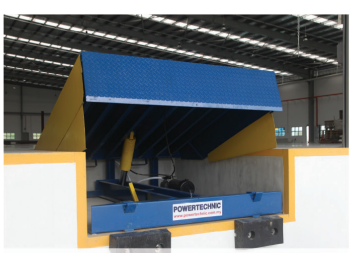


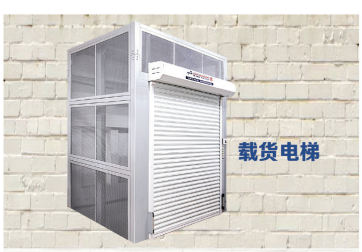

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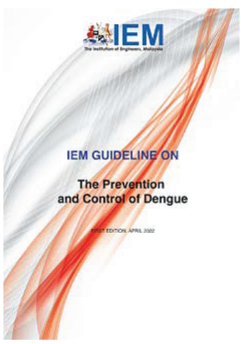
The Institution of Engineers, Malaysia (Southern Branch) Ad-Hoc Committee on Dengue Control: Leading the Fight Against Dengue

The Institution of Engineers, Malaysia (Southern Branch) Ad-Hoc Committee on Dengue Control was established in response to the growing threat of dengue fever, which has been a significant public health challenge in Malaysia. The committee's formation in the year 2015 and subsequent activities highlight the pivotal role engineers can play in addressing public health crises through practical and impactful solutions.


NEWS FROM BRANCH

Southern Branch's Efforts in Fight Against Dengue

Following its formation, the IEM (SB) Ad-Hoc Committee on Dengue Control undertook a series of anti-dengue activities in collaboration with the R.I District 3310 Dengue Control Committee. This partnership amplified the reach and impact of the committee's efforts, engaging a broader audience and fostering community involvement. These activities were highlighted in a presentation by the committee on 5th February 2024 to the 'Jawatankuasa Tindakan Wabak Denggi Daerah Johor Bahru', chaired by the District Officer of Johor Bahru.



What is crucial in the fight against dengue is to prevent the breeding of the Aedes mosquito. As the Aedes mosquito breeds in stagnant water, engineers need to ensure that buildings and infrastructures do not create breeding grounds for the mosquitoes. One of the committee's most noteworthy achievements in collaboration with the Task Force for IEM Guideline on The Prevention and Control of Dengue is the publication of a comprehensive guideline on dengue prevention and control from an engineering perspective. This Guideline is prepared as a technical reference and planning tool for mosquito breeding control. It takes a holistic approach in providing considerations for dengue prevention and control in all aspects of engineering works from planning, design, construction, management, operation, and maintenance of buildings and infrastructure. This invaluable resource has been distributed to all branches of IEM in Malaysia as well as to local authorities such as municipal councils and government agencies, providing critical insights and strategies that are essential in our collective efforts to combat dengue. This was followed by a continuous series of training sessions on the Guideline conducted by the Committee to various agencies.

The establishment and activities of the IEM (SB) Committee on Dengue Control underscore the critical role engineers can play in addressing public health challenges. Through their activities, strategic collaborations, and a comprehensive guideline, the committee has made significant strides in combating dengue. Their efforts not only help control the spread of dengue but also inspire other engineers to contribute to community well-being. The committee's work is a testament to the transformative power of engineering in creating healthier and safer communities.

IEM (SB) Ad-Hoc Committee on Dengue Control

Chairman	:	PDG Ir. John Cheah Kam Loong P.I.S
Deputy Chairman	:	Ir. Teo Boon Keng
Vice Chairman	:	PP Y.Bhg. Dato' Ir. Mohd Noh Bin Haji Ibrahim
Secretary	:	Ir. Derek Cheah Kong Yew
Advisors	:	Ir. Assoc. Prof. Dr. Hayati Binti Abdullah
	:	Ir. Thayala Rajah C.Selvaduray
Chairman of the IEM Task Force on Guidelines on Prevention and Control of Dengue	:	Y.Bhg. Dato' Ir. Lim Chow Hock
Committee Member	:	Ir. Bryan Soh Chong Boon
	:	Ir. Goh Kae Wan
	:	Ir. Lim Chee Seng
	:	Ir. Tony Tan Boon Tong

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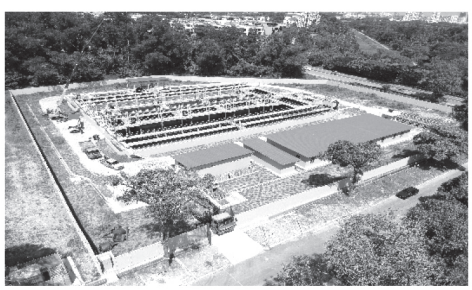
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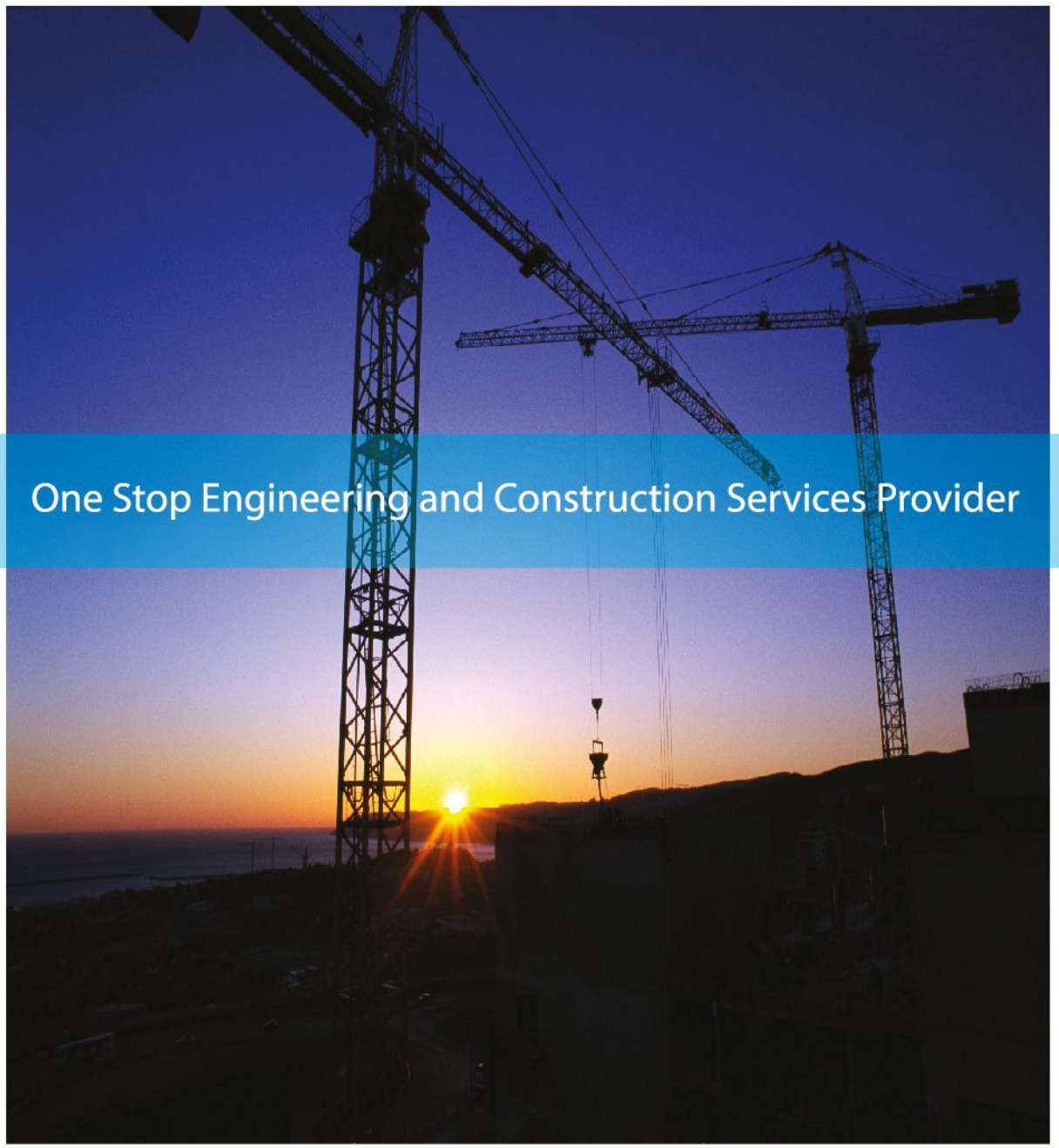
Acknowledwgement

The Chairman and committee wish to express their sincere gratitude and appreciation to the following organizations for rendering supports and contributions towards the success of IEM(SB) Annual Dinner & Awards Night 2024.

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