

# 65<sup>th</sup> ANNUAL DINNER & AWARDS NIGHT

1<sup>st</sup> JUNE 2024  
ONE WORLD HOTEL, PJ



ESG AS CATALYST FOR  
ENGINEERING EVOLUTION

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**OCTOBER 2024**  
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**CONVENTION CENTRE**

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**Powering Innovation Together:**



# Organising Chairman's Message

*Dear esteemed guests,*

With immense pleasure and excitement, I extend a warm welcome to all of you on behalf of the organising committee to our 65th IEM Annual Dinner & Awards 2024. Tonight, we gather to celebrate the rich traditions of our engineering community and mark the 65th anniversary of our esteemed Institution.

I am deeply grateful to each of you for joining us tonight. Your presence not only supports this event but also underscores your steadfast dedication to the engineering industry. Together, we can chart a course toward a brighter future.

Allow me a moment to reflect on the remarkable journey we embarked on during last year's dinner. It was a testament to the resilience, strength, and determination of our fraternity in the face of unprecedented challenges. United, we focused on growth, strengthened our bonds, and created opportunities for all.

This year, our theme, "ESG Catalyst for Engineering Evolution," aligns with the IEM presidential address and the global agenda. We delve into how engineers' future will evolve through environmental, social, and governance lenses, while also examining IEM's evolution over 65 years through ESG principles. Let us wholeheartedly embrace this theme and tirelessly work towards a sustainable future for generations to come. Tonight's dinner not only fosters meaningful discussions and idea-sharing but also presents fresh networking opportunities. I am thrilled to announce that we have secured over 130 tables, hosting more than 1300 esteemed guests. My sincerest gratitude extends to all our sponsors for their generous support, without which this grand gathering would not have been possible.

Furthermore, it brings me great pride and joy to recognise and congratulate the award winners, rightfully honored for their outstanding contributions. Your dedication, passion, and pursuit of excellence set a shining example for us all. Thank you for elevating the engineering industry to new heights.

I would be remiss not to acknowledge the incredible efforts of the organising committee, who poured their heart and soul into planning this event. Despite time constraints, their unwavering commitment, creative thinking, and meticulous attention to detail have resulted in a truly remarkable evening that we will cherish for years to come. My deepest appreciation also goes to the IEM Secretariat for their unwavering support and invaluable contributions. Lastly, I extend heartfelt gratitude to the newly elected IEM President, the Executive Committee (ExComm), and council members for their steadfast support and guidance. Your vision, leadership, and commitment have been instrumental in ensuring the success of this event.

Once again, I thank each of you for gracing us with your presence. Please enjoy the delights of the evening, engage in meaningful conversations, and forge new connections. Let us embark on this incredible journey towards a sustainable future together.

**Ir. Yau Chau Fong**  
**Organising Chairman**  
**Session 2023/2024**





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# IEM President's Message

I am indeed honoured to put down a few words in the Souvenir Programme Book for the Institution's 65th Annual Dinner and Awards 2024 with the theme "ESG as Catalyst for Engineering Evolution" which was also the theme of my Presidential Address at the AGM in April.

I would like to highlight here that ESG is not just a buzzword that is trending, it is a compass guiding us towards a future where prosperity is sustainable and equitable. In the tapestry of global progress, there is a thread that must weave through every decision, every policy, and every action we take and that thread is ESG: Environmental, Social, and Governance responsibility.

First of all, Environmental responsibility beckons us as custodians of our planet to embrace renewable energy, mitigate climate change, and protect our natural resources for our future generations. Secondly, Social justice demands that we build societies where every individual, irrespective of background or circumstance, has equal opportunities and rights. From fair labour practices to diversity and inclusion initiatives, our policies must uplift the marginalised and empower the vulnerable.

And last but not least, Governance integrity ensures that we conduct our affairs with transparency, accountability, and ethical leadership. Upholding the highest standards of governance not only fosters trust but also ensures the efficient allocation of resources for the betterment of society.

I had adopted the theme of ESG in my Presidential Address as well as for the 3 major events of IEM this year namely the Blue Sapphire Anniversary Dinner of IEM, IEM Convention & ENGINEER 2024 and CAFEO42 which will be hosted by IEM Sabah Branch later this year.

For the year 2024, IEM shall embark on promoting the ideals of ESG – i.e. preserving and protecting our



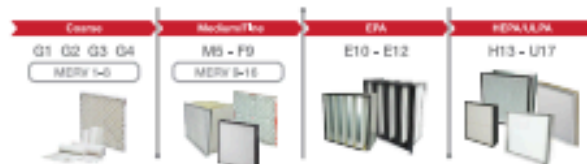
environment, to foster the relationship and interlinks of engineering technology advancement with social aspect (as in economy, trade, politics, law and order, and definitely poverty), and that rules and regulations in conjunction with ethics, apply fully and comprehensively in engineering practices, that we, as engineers are held accountable to the public in works produced, not compromising safety, health and welfare to all stakeholders.

ESG forms the cornerstone of a world where progress is not measured solely by economic growth but by the well-being of our planet and its inhabitants. So let us, as leaders and citizens, embrace ESG wholeheartedly and forge a path towards a future where our actions today pave the way for a more sustainable, just, and prosperous tomorrow.

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1969

1979

1990

2001

2009

2018

2020

2024

1959/62

Allahyarham Tan Sri Ir. (Dr) Haji Yusoff bin Haji Ibrahim

1962/64

Allahyarham Raja Tan Sri Ir. Zainal bin Raja Sulaiman

1964/66

Late Ir. Thean Lip Thong

1966/68

Late Tan Sri Datuk Ir. Prof. Dr Chin Fung Kee

1968/69

Late Ir. Ow Yang Hong Chiew

1969/70

Late Ir. Chan Peng Khuen

1970/72

Allahyarham Tan Sri Dato' Ir. (Dr) Haji Abu Zarim bin Haji Omar

1972/74

Late Academician Tan Sri Ir. (Dr) J. G. Daniel

1974/75

Allahyarham Tan Sri Datuk Ir. Haji Halaluddin bin Mohd. Ishak

1975/1977

Late Ir. Chan Khee Pok

Apr-Dec  
1977

Allahyarham Tan Sri Datuk Ir. Mahfoz bin Khalid

1977/79

Allahyarham Ir. Haji Mohd. Razali bin Bidin

1979/81

Late Ir. Wong Kin Hong

1981/82

Late Ir. Chiam Teong Tee (T. T. Chiam)

1982/84

Allahyarham Tan Sri Datuk Ir. Tuan Haji Mohd. Hassan bin Abdul Wahab

1984/86

Late Dato' Ir. Pang Leong Hoon

1986/88

Allahyarham Ir. Tuan Haji Abdul Rahman bin Yaacob

1988/90

Y.Bhg. Academician Dato' Ir. Lee Yee Cheong

1990/92

Allahyarham Dato' Ir. Mustafa bin Ahmad

1992/93

Ir. Chong Pick Eng (P. E. Chong)

1993/95

Y.Bhg. Dato' Ir. Abdul Rashid bin Ahmad

1995/97

Ir. Dr Ting Wen Hui

1997/99

Allahyarham Ir. Tuan Haji Mohd. Mazlan bin Md. Ismail Merican

1999/01

Y.Bhg. Academician Tan Sri Datuk Ir. (Dr) Haji Ahmad Zaidee bin Laidin

2001/03

Y.Bhg. Dato' Ir. Dr Gue See Sew

2003/05

Y.Bhg. Dato' Ir. Prof. Abang Abdullah bin Abang Ali

2005/07

Y.Bhg. Datuk Ir. Prof. Dr Ow Chee Sheng

2007/09

Y.Bhg. Dato' Paduka Ir. Prof. (Dr) Haji Keizrul bin Abdullah

2009/11

Y.Bhg. Academician Emeritus Tan Sri Dato' Ir. Prof. Dr Chuah Hean Teik

2011/13

Ir. Vincent Chen Kim Kieong

2013/14

Ir. Choo Kok Beng

2014/16

Y.Bhg. Dato' Ir. Lim Chow Hock

2016/18

Ir. Dr Tan Yean Chin

2018/20

Ir. David Lai Kong Phooi

2020/22

Ir. Ong Ching Loon

2022/24

Y.Bhg. Dato' Ir. Prof. Dr Norlida binti Buniyamin

# STANDING COMMITTEE ON ACTIVITIES (ACT) COMMITTEE MEMBERS 2024/2025

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Council Member	:	Ir. Yam Teong Siam
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Building Services Technical Division (BSTD)	:	Ir. Cha Hoong Kum (Official)
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	:	Ir. Al-Khairi Mohd Daud (Alternate)
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	:	Ir. Vincent Khaw Wei Chuan (Alternate 2)
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	:	Ir. Dr Anizahyati binti Alisibramulisi (Alternate 1)
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Electrical Engineering Technical Division (EETD)	:	Ir. Dr Siow Chun Lim (Official)
Electronic Engineering Technical Division (eETD)	:	Ir. Dr Mui Kai Yin (Official)
	:	Ir. Dr Lee Choo Yong (Alternate 1)
Engineering Education Technical Division (E2TD)	:	Ir. Dr Balamurugan A/L Annamalai Gurunathan (Official)
	:	Ir. Dr Dhakshyani Ratnadurai (Alternate 1)
Environmental Engineering Technical Division (ENETD)	:	Ir. Jaya Chandar A/L Poloha Nadan (Official)
	:	Ir. Eric Teoh Boom Lai (Alternate)
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	:	Ir. Dr Gue Chang Shin (Alternate 1)

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	:	Ir. Foo Kam Fai (Alternate)
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Material Engineering Technical Division (MaTD)	:	Ir. Assoc. Prof. Dr Wong Yew Hoong (Official)
	:	Ir. Dr Tan Kim Seah (Alternate)
Marine Engineering & Naval Architecture Technical Division (MNATD)	:	Ir. Ts Abdul Malik Hussein bin Abdul Jalil (Official)
	:	Ir. Teh Teoh Hai (Alternate)
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	:	Ir. Ricky Liew Chee Leong (Alternate)
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	:	Ir. Muhamad Her bin Hj. Jantan (Alternate)
Project Management Technical Division (PMTD)	:	Ir. Dr Harris bin Abd Rahman Sabri (Official)
	:	Ir. Dr Nor Azhar bin Mohd Arif (Alternate 1)
	:	Ir. Wan Rizaluddin Abdullah bin Wan Ali (Alternate 2)
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	:	Ir. Boey Wei Lun, Francis (Alternate)
Safety in Engineering Special Interest Group (SESIG)	:	Ir. Tajul Ariffin bin Mohamed Nori (Official)
	:	Ir. Francis Ngiam Kee Hwee (Alternate)
Senior Special Interest Group (SSIG)	:	Ir. Ir. Chow Sei Ying, Raymond (Official)
	:	Ir. Ling Sieh Kieng, Johnny (Alternate)
Tunneling & Underground Space Technical Division (TUSTD)	:	Ir. Frankie Cheah Peng Leong (Official)
	:	Ir. Assoc Prof. Dr Rini Asnida binti Abdullah (Alternate)
Urban Engineering Development Special Interest Group (UEDSIG)	:	Ir. Benny Lau Eng Kee (Official)
	:	Ir. Mike Lau Yee Leong (Alternate 1)
	:	Ir. Lam Foo Chee (Alternate 2)
Water Resources Technical Division (WRTD)	:	Ir. Shirley Low (Official)
	:	Ir. Cheok Hou Seng (Alternate)
Women Engineers Section (WES)	:	Ir. Ts. Prof. Dr Syuhaida binti Ismail (Official)
	:	Ir. Nur Azhani binti Mohamad Rosli (Alternate 1)
Young Engineers Section (YES)	:	En. Muhammad Ashiq Marecan bin Hamid Marecan (Official)
	:	Mr. Yiren Lim (Alternate 1)
	:	Ms Ong Ye Shian (Alternate 2)
	:	Mr Chuah Pei Lim (Alternate 3)
STEM Promotion Sub Committee	:	Ir. Amir Hussein bin Jaafar
Engineers 2024	:	Ir. Yau Chau Fong

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# PROGRAMME

7.00 pm	: Cocktail Reception and Pre-Dinner Drink (Outside at Foyer of Ballroom) (But Guest may choose to have their cocktail at the Foyer or Inside the Hall as Ballroom Door will be opened at the same time)
7.00 pm	: Photo Booth Session Open (7 pm – 11 pm)
7.00 pm	: Ballroom Door Open
7.45 pm	: Arrival of Guest of Honour (into VIP Holding Room) <b>Deputy Prime Minister – YAB Dato' Sri Hj Fadillah Hj Yusof</b>
8.00 pm	: Grand Entry by Guest of Honour (followed by Opening Gambit)
8.10 pm	: Negaraku followed by Opening Gambit
8.15 pm	: Emcee Welcome – by Mr Terrence Dass
8.20 pm	: Food Presentation / Commencement of Dinner (Live Band - performs 1st set)
8.40 pm	: Welcome Address by IEM President, Ir. Prof. Dr. Jeffrey Chiang Choong Liun Followed by the launching of 'IEM 65th Anniversary Commemorative Coffee Table Book'
9.00 pm	: Speech by Guest of Honour Deputy Prime Minister – YAB Dato' Sri Hj Fadillah Hj Yusof (To Remain on Stage for Token of Appreciation)
9.10 pm	: Conferment of IEM Awards for Honorary Fellow (2 Awards)
9.20 pm	: Conferment of IEM Awards for Engineering Hall of Fame (1 Award)
9.30 pm	: Dinner continues accompanied by performance of Live Band (2nd set)
9.45 pm	: Presentation of the IEM Top Membership Drive Award 2023 (5 Awards)
9.55 pm	: Presentation of the IEM Presidential Awards of Excellence 2023 (6 Awards)
10.05 pm	: Presentation of the IEM Activities Awards 2023 (6 Awards)
10.15 pm	: Presentation of the IEM Top 5 Mentor Awards 2023 (4 Awards)
10.25 pm	: Presentation of the IEM Gold Medal Awards 2023 (26 Awards)
10.45 pm	: Conferment of the IEM Award for Contribution to Engineering Industry in Malaysia 2024 (6 Awards) (Awards will presented by Deputy Prime Minister – YAB Dato' Sri Hj Fadillah Hj Yusof)
11.00 pm	: Conferment of the IEM Award for Outstanding Engineering Achievement in Malaysia 2024 (1 Award) (Awards will presented by Deputy Prime Minister – YAB Dato' Sri Hj Fadillah Hj Yusof)
11.10 pm	: Mystery Draw
11.30 pm	: Thank you / Farewell

# **ITEM 65TH ANNUAL DINNER ORGANISING COMMITTEE 2024**

# **MENU (CHINESE SET)**

Organising Chairman Ir. Yau Chau Fong
Organising Deputy Chairman Ir. Tony Cheng Yew Leong
Organising Committee Members
Ir. Abdul Razak bin Yakob
Ir. Rusnida binti Talib
Ir. Razmahwata bin Mohd Razalli
Ir. Dr Siow Chun Lim
Ir Alex Looi Tink Huey
Ir. Benny Lau Eng Kee
Ir. Wan Rizaluddin Abdullah
Ir. Dr Bernard Lim Kee Weng
Ir. Frankie Cheah Peng Leong
Ir. Raymond Chow Sei Ying
Mr. Chia Yu Huat
Mr. Muhammad Ashiq Marecan bin Hamid Marecan Mr. Lim Yiren Ms. Ong Ye Shian Mr. Darshan a/l Balasubramaniam

<p><b>MENU (Chinese Set)</b></p> <p><b>四季兴隆</b> Deluxe Four Happiness Hot &amp; Cold Combination Steamed Cabbage Roll Stir Fried Chicken with Oyster Sauce Unity Roll (Salted Egg &amp; Oyster) Smoked Duck with Jellyfish</p> <p><b>顺德海味羹</b> Braised Sea Treasure Soup "Shun De" Style</p> <p><b>日式芝麻酱烧鸡</b> Roasted Chicken with Japanese Sesame Sauce</p> <p><b>百香酥炸比目鱼</b> Deep Fried Halibut Fish with Passion Fruit Mayo Sauce</p> <p><b>冬菇鲜竹卷扒时蔬</b> Braised Mushroom, Beancurd Skin Roll with Garden Green</p> <p><b>奶油虾</b> Wok Fried Butter Tiger Prawn (original is lemongrass and curry leaves)</p> <p><b>避风塘海鲜炒饭</b> Seafood Fried Rice 'Typhoon Shelter' Style</p> <p><b>冰镇仙草龙眼海底椰</b> Chilled Longan with Cincau &amp; Sea Coconut</p> <p><b>美点双辉映</b> Chinese Sweet Fancy Duet Pastry Mini Mooncake Pumpkin Pastry</p>
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# 11<sup>TH</sup> ASIAN SYMPOSIUM ON PROCESS SYSTEMS ENGINEERING PSE ASIA 2024

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Vice Presidents	:	Ir. Mohd Khir bin Muhammad	
	:	Ir. Ts. Prof. Dr Tan Chee Fai	
	:	Ir. Abdul Razak bin Yakob	
	:	Ir. Yau Chau Fong	
Honorary Secretary	:	Ir. Prof. Dr Zuhaina binti Zakaria	
Honorary Treasurer	:	Ir. Assoc. Prof. Dr David Chuah Joon Huang	
Immediate Past President	:	Ir. Ong Ching Loon	
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	:	YBhg. Dato' Paduka Ir. Hj. (Dr) Keizrul bin Abdullah	
	:	YBhg. Academician Emeritus Tan Sri Dato' Ir. Prof. Dr Chuah Hean Teik	
	:	YBhg. Dato' Ir. Lim Chow Hock	
	:	Ir. Dr Tan Yean Chin	
Council Member – Civil Rep	:	Ir. Tu Yong Eng	
Council Member - Mechanical Rep	:	Ir. Ng Yong Kong	
Council Member - Electrical Rep	:	Ir. Mohd. Aman bin Hj. Idris	
Council Member - Structural Rep	:	Ir. Dr Tan Kuang Leong	
Council Member - Chemical Rep	:	Ir. Dr Chong Chien Hwa	
Council Member - Other Disciplines Rep	:	Ir. Assoc. Prof. Dr Wong Yew Hoong	
Council Member - Multimedia Rep	:	Ir. Assoc. Prof. Dr Lai Khin Wee	
Council Members - Ordinary Rep	:	Ir. Dr Vigna Kumaran a/l Ramachandaramurthy	Ir. Arul Hisham bin Abdul Rahim
	:	Ir. Assoc. Prof. Dr Lee Tin Sin	Ir. Razmahwata binMohd Razalli
	:	Ir. Mah Way Sheng	Ir. Simon Yeong Chin Chow
	:	Ir. Sreedaran Raman	Ir. Dr Chan Seong Phun
	:	Ir. Lee Cheng Pay	Ir. Yam Teong Sian
	:	Ir. Dr Kannan a/l M. Munisamy	Ir. Kwok Yew Hoe
	:	Ir. Dr Siow Chun Lim	Ir. Dr Lee Choo Yong
	:	Ir. Wong Chee Fui	Ir. Sharifah Azlina binti Raja Kamal Pasmah
	:	Ir. Dr Hum Yan Chai	Ir. Ts. Dr Wan Syakirah binti Wan Abdullah
	:	Ir. Tiong Ngo Pu	Ir. Dr Mui Kai Yin
	:	Ir. Rusnida binti Talib	Ir. Shamil bin Abu Hassan
	:	Ir. Prof. Dr Lau Hieng Ho	Ir. Wan Rizaluddin Abdullah bin Wan Ali
	:	Ir. Muhammad Azmi bin Ayub	Ir. Prof. Dr Lam Wei Haur
Council Member by Invitation	:	Ir. Lai Sze Ching	
	:	Ir. Gopal Narian Kutty	
	:	YBhg. Dato' Ir. Prof. Dr Mohd Hamdi bin Abd Shukor	
Women Engineers Representative	:	Ir. Noorfaizah binti Hamzah	
Young Engineers Representatives	:	Mr. Muhammad Ashiq Marecan bin Hamid Marecan	
	:	Mr. Lim Yiren	
	:	Mr. Darshan a/l Balasubramaniam	
Branch Representative	:	Ir. Chan Wah Cheong	
	:	Ir. Thayala Rajah s/o Selvaduray	
	:	Ir. Assoc. Prof. Dr Nursyarizal bin Mohd Nor	
	:	Ir. Ab Rahman bin Hashim	
	:	Ir. Mazlan bin Che Ku Ahmad	
	:	Ir. Shahrin Amri bin Jahari	
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	:	Ir. Sim Hui Kheng, Stephanie	
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	:	Ir. Prof. Dr David Chuah Joon Huang	
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	:	Ir. Dr Bernard Lim Kee Weng	
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Honorary Secretary	:	Ir. Prof. Dr Tan Chee Fai	
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Immediate Past President	:	YBhg. Dato' Ir. Prof. Dr. Norlida bt Buniyamin	
Past Presidents	:	Y.Bhg. Academician Tan Sri Dato' Ir. Prof. Dr. Chuah Hean Teik	
	:	Y.Bhg. Dato' Paduka Ir. Hj. (Dr) Keizrul bin Abdullah	
	:	Y.Bhg. Dato' Ir. Lim Chow Hock	
	:	Ir. Dr Tan Yean Chin	
	:	Ir. Ong Ching Loon	
Council Member – Civil Rep	:	Ir. Tu Yong Eng	
Council Member - Mechanical Rep	:	Ir. Ng Yong Kong	
Council Member - Electrical Rep	:	Ir. Mohd. Aman bin Hj. Idris	
Council Member - Structural Rep	:	Ir. Dr Tan Kuang Leong	
Council Member - Chemical Rep	:	Ir. Kim Kek Seong	
Council Member - Other Disciplines Rep	:	Ir. Assoc. Prof. Dr Wong Yew Hoong	
Council Member - Multimedia Rep	:	Ir. Assoc. Prof. Dr Lai Khin Wee	
Council Members - Ordinary Rep	:	Ir. Rusnida binti Talib	
	:	Ir. Prof Dr Lau Hieng Ho	
	:	Ir. Muhammad Azmi bin Ayub	
	:	Ir. Arul Hisham bin Abdul Rahim	
	:	Ir. Razmahwata bin Mohd Razalli	
	:	Ir. Simon Yeong Chin Chow	
	:	Ir. Dr Chan Seong Phun	
	:	Ir. Yam Teong Sian	
	:	Ir. Kwok Yew Hoe	
	:	Ir. Dr Lee Choo Yong	
	:	Ir. Sharifah Azlina binti Raja Kamal Pasmah	
	:	Ir. Ts. Dr Wan Syakirah binti Wan Abdullah	
	:	Ir. Dr Mui Kai Yin	
	:	Ir. Shamil bin Abu Hassan	
	:	Ir. Ts. Wan Rizaluddin Abdullah bin Wan Ali	
	:	Ir. Dr Lam Wei Haur	
	:	Ir. Dr Angelia Liew San Chuin	
	:	Ir. Prof. Dr Zuhaina binti Zakaria	
	:	Ir. Begum Irdawati binti Dowlad Rahuman	
	:	Ir. Chong Chee Yen	
	:	Ir. Khoo Chee Min	
	:	Ir. Abdul Razak bin Yakob	
	:	Ir. Dr Chan Swee Huat	
	:	Ir. Alex Looi Tink Huey	
	:	Ir. Sukhairul Nizam bin Abdul Razak	
	:	Y.Bhg. Dato' Ir. Ting Chek Choon	
Council Member by Invitation	:	YBhg. Dato' Ir. Abdul Razib bin Dawood	
	:	Ir. Oon Chee Kheng	
	:	Ir. Gopal Narian Kutty	
Women Engineers Representative	:	Ir. Dr Syuhaida bint Ismail	
Young Engineers Representatives	:	Mr. Muhammad Ashiq Marecan bin Hamid Marecan	
	:	Mr. Lim Yiren	
	:	Mr. Darshan a/l Balasubramaniam	
	:	Mr. Chuah Pei Lim	
	:	Ms. Ong Ye Shian	
Branch Representatives	:	Ir. Chan Wah Cheong	: Ir. Lim Su Hian
	:	Ir. David Puen Ming Shen	: Ir. Sim Hui Kheng, Stephanie
	:	Ir. Assoc. Prof. Dr Nursyarizal bin Mohd Nor	: Ir. Mohd Yaakob bin Jaafar
	:	Ir. Ab Rahman bin Hashim	: Ir. Meheron Selowara Joo
	:	Ir. Mazlan bin Che Ku Ahmad	: Ir. Roshasmawi bin Abdul Wahab
	:	Ir. Shahrin Amri bin Jahari	: Ir. Abrizan bin Abdul Kadi

## ITEM DISTINGUISHED HONORARY FELLOW

2003	:	Y.A.Bhg. Tun Dr Mahathir bin Mohamed
2010	:	Y.Bhg. Academician Dato' Ir. Lee Yee Cheong
2022	:	Y.Bhg. Academician Emeritus Tan Sri Dato' Ir. Prof. Dr Chuah Hean Teik

## ITEM HONORARY FELLOW

1981	:	Allahyarham Tan Sri Ir. (Dr) Haji Yusoff bin Haji Ibrahim
1981	:	Allahyarham Raja Tan Sri Ir. Zainal bin Raja Sulaiman
1981	:	Late Ir. Thean Lip Thong
1981	:	Late Tan Sri Datuk Ir. Prof. Dr. Chin Fung Kee
1982	:	Allahyarham Y.Bhg. Tan Sri Dato' (Dr) Ir. Haji Abu Zarim bin Haji Omar
1982	:	Late Academician Tan Sri Ir. (Dr) J. G. Daniel
1984	:	Y.A.Bhg. Tun Dr Mahathir bin Mohamed (transferred to Grade of Distinguished Hon Fellow in 2004)
1986	:	Late Ir. Chiam Teong Tee
1986	:	Allahyarham Tan Sri Datuk Ir. Haji Mohd. Hassan bin Abdul Wahab
1988	:	Allahyarham Tun Hussein Onn
1989	:	Al-Marhum Paduka Seri Sultan Azlan Muhibbuddin Shah Ibni al-Marhum Sultan Yussuf Izzuddin Shah Ghafarullahu-Lah
1991	:	Late Y.Bhg. Dato' Ir. Pang Leong Hoon
1991	:	Prof. Dr. Ing. B. J. Habibie
1993	:	Allahyarham Dato' Ir. Mustafa bin Ahmad (posthumous)
1993	:	Y.Bhg. Tan Sri Dato' Ir. (Dr) Shamsuddin bin Abdul Kadir
1993	:	Y.Bhg. Academician Dato' Ir. Lee Yee Cheong (transferred to Grade of Distinguished Hon Fellow in 2010)
1994	:	Al-Marhum Tuanku Ja'afar Ibni al-Marhum Tuanku Abdul Rahman
1995	:	Y.Bhg. Datuk Amar (Dr) Leo Moggie
1998	:	Y.A.Bhg. Tun Daim Zainuddin
2001	:	Y.A.B. Dato' Seri Abdullah bin Haji Ahmad Badawi
2003	:	Y.Bhg. Dato' Seri Law Hieng Ding
2004	:	Y.Bhg. Datuk Tham Nyip Shen
2006	:	Late Ir. Teoh Cheng Hock (Ir. C.H. Teoh) (posthumous)
2007	:	Y.Bhg. Tan Sri Dato' Ir. Haji Zaini bin Omar
2008	:	YAB Pehin Seri Tan Sri Dr Haji Abdul Taib bin Mahmud
2008	:	YAB Datuk Seri Panglima Musa bin Haji Aman
2008	:	YAB Dato' Seri Ir. Hj Mohammad Nizar bin Jamaluddin
2009	:	Y.Bhg. Dato' Sri Ir. Mohd Zin bin Mohamed
2012	:	Y.Bhg. Dato' Ir. Donald Lim Siang Chai
2012	:	Ir. Dr Ooi Teik Aun
2012	:	Late Ir. Ow Yang Hong Chiew (posthumous)
2012	:	Late Ir. Chan Peng Khuen (posthumous)
2012	:	Allahyarham Tan Sri Datuk Ir. Haji Halaluddin bin Mohd. Ishak (posthumous)
2012	:	Late Ir. Chan Khee Pok (posthumous)
2012	:	Allahyarham Tan Sri Datuk Ir. Mahfoz bin Khalid (posthumous)
2012	:	Allahyarham Ir. Haji Mohd. Razali bin Bidin (posthumous)

2012	:	Late Ir. Wong Kin Hong (posthumous)
2012	:	Allahyarham Ir. Haji Abdul Rahman bin Yaacob
2012	:	Ir. Chong Pick Eng (P.E. Chong)
2012	:	Y.Bhg. Dato' Ir. Abdul Rashid bin Ahmad
2012	:	Late Ir. Dr Ting Wen Hui
2012	:	Allahyarham Ir. Haji Mohd. Mazlan bin Md. Ismail Merican
2012	:	Y.Bhg. Academician Tan Sri Datuk Ir. (Dr) Haji Ahmad Zaidee bin Laidin
2012	:	Y.Bhg. Dato' Ir. Dr Gue See Sew
2012	:	Y.Bhg. Dato' Ir. Prof. Abang Abdullah bin Abang Ali
2012	:	Y.Bhg. Datuk Ir. Prof. Dr Ow Chee Sheng
2012	:	Y.Bhg. Dato' Paduka Ir. Prof. (Dr) Haji Keizrul bin Abdullah
2013	:	Y.Bhg. Academician Dato' Ir. Prof. Dr Chuah Hean Teik
2014	:	Ir. Vincent Chen Kim Kieong
2014	:	Y. Bhg. Dato' Sri Ir. Dr. Judin bin Abdul Karim
2014	:	Y. Bhg. Tan Sri Dato' Ir. Dr. Gan Thian Leong
2014	:	Y. Bhg. Dato' Ir. Donald Lim Siang Chai
2014	:	Allahyarham Dato' Ir. Prof. Dr. Radin Umar bin Radin Sohadi (posthumous)
2015	:	Y. Bhg. Tan Sri Dato' Seri Jeffrey Cheah Fook Ling AO
2016	:	Y. Bhg Dato' Ir. Donald Lim Siang Chai
	:	Ir. Choo Kok Beng
2017	:	Mr. Antonio Guterres
	:	Professor Dr. Shahbaz Khan
2018	:	Ir. Khoo Choong Keow
2019	:	Late Ir. M.C. Hee (posthumous)
2020	:	Ir. Dr. Tan Yean Chin
2021	:	Y. Bhg Datuk Ir. Mohamad Zulkefly bin Sulaiman
2022	:	Ir David Lai Kong Phooi
2023	:	YAB Dato' Sri Fadillah Yusof
2023	:	YBhg Dato' Seri Ir. Dr Zaini Ujang
2023	:	YBhg. Dato' Ir. Ahmad Redza bin Ghulam Rasool
2023	:	YB Zairil Khir Johari
2024	:	Ir. Ong Ching Loon
2024	:	YBhg. Dato' Ir. Rajendran a/l P. Anthony

## IEM HONORARY MEMBERS

2009	:	Late Master Yeoh Tong Eng
2012	:	En. Mohd. Annuar bin Taib
2012	:	Y. Bhg. Dato' Hj. Abd. Halim bin Hj. Abd Latif
2012	:	Y. Bhg. Dato' Baharudin bin Sariman
2012	:	Y. Bhg. Dato' Gan Boon Khuay
2012	:	Puan Salmah binti Mohd Taufik
2013	:	Y.Bhg. Dato' Prof. Dr Mohd Noh bin Dalimin
2013	:	Y.Bhg. Dato' Dr Mohamad bin Hashim
2014	:	Y.Bhg. Dato' Lau Siu Wai
2014	:	Y.B. Datuk Dr. Abu Bakar bin Mohamad Diah
2015	:	Y.Bhg. Datuk Professor Dr. Shahrin Bin Sahib @ Sahibuddin
2017	:	YBhg. Dato' Emeritus Professor Dr. Hassan Said
2019	:	YBhg. Dato' Abdul Karim bin Mohd Tahir
	:	Mr. Lim Swee Ee

## IEM DISTINGUISHED MEMBER

2013	:	YBhg. Tan Sri Dato' Ir. Teo Chiang Kok
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# CITATION

## (ENGINEERING HALL OF FAME)

**YBhg. Academician Tan Sri Datuk Ir. (Dr) Hj. Ahmad Zaidee bin Laidin**  
**P.S.M., P.J.N., D.P.M.P., D.P.M.S., K.M.N., FASC**

**YBhg. Academician Tan Sri Datuk Ir. (Dr) Hj Ahmad Zaidee bin Laidin** is a graduate from Brighton University in Electrical Engineering. He holds a Masters of Science degree in Technological Economics (Management & Industrial Science) from Stirling University and is a registered Professional Engineer with Practising Certificate with the Board of Engineers Malaysia. YBhg. Academician Tan Sri Datuk Ir. (Dr) Ahmad Zaidee was awarded the Degree of Doctor of the University by University of Stirling (1996), the Honorary Degree of Doctor of Technology by Oxford Brookes University (1996) and Honorary Doctor of Letters by the Manchester Metropolitan University (1999) as well as an Honorary Professor of Napier University, (1999), United Kingdom.

He was the 24th President of IEM serving from 1999 - 2001. He also served as Honorary Treasurer, Vice President and Secretary General of the Academy of Sciences Malaysia. He was elected as Senior Fellow of the Academy on 28 June 2011 that entitled him to be addressed as "Academician".

He was awarded Honorary Doctor of Electrical Engineering from Universiti Teknologi MARA in 2010. YBhg. Academician Tan Sri Datuk Ir. (Dr) Ahmad Zaidee's most recent award was Honorary Doctorate in Engineering from Universiti Teknikal Malaysia Melaka in 2016. YBhg. Tan Sri was also the President of the Federation of Engineering Institutions of Southeast Asia and the Pacific (FEISEAP) (2000-2003) and Honorary Fellow of ASEAN Federation of Engineering Organisations (AFEO). He was appointed as a member of the Board of Engineers Malaysia by the Minister of Works (1996-2000) and a member of the Appeal Panel of the Board of Engineers by Sri Paduka Baginda Yang di-Pertuan Agong (2011-2016).

Central Electricity Board (CEB) scholar in 1961, he joined NEB, now known as Tenaga Nasional Berhad (TNB) as Distribution Engineer (11/33kV) in 1967. He helped set up the Institut Latihan Sultan Ahmad Shah (ILSAS) and was its first Director upon completion in 1976.

He led the transformation team for the formation of TNB, from the inception to its establishment in 1990. His last post in TNB in 1993 was Deputy General Manager Corporate Services (Management Development Services) TNB.



In 1994, the Malaysia's Minister of Education appointed him as a Director and CEO of Institut Teknologi MARA (ITM), (now known as Universiti Teknologi MARA or UiTM), and two years later, became the first and only Rector of Institut Teknologi MARA. In 1999, upon its elevation in status to a university, Tan Sri Ir. (Dr) Ahmad Zaidee was appointed the first Vice-Chancellor of UiTM.

He was an Adjunct Professor in Electrical Engineering at Universiti Malaysia Pahang, a Board Member of Open University Malaysia and Meteor Learning Sdn. Bhd. In 2010, he was appointed Chairman of the Board of Directors, UTeM Melaka. In 2015, he was appointed to chair the Board of Directors of Universiti Teknologi MARA until 2018. In 2018, OUM appointed him as an Advisor in International Affairs for two years. He is also a Board Member of UNITEN from 2017 till now.

For his services to the nation and society, Tan Sri Ahmad Zaidee was awarded the Kesatria Mangku Negara (K.M.N.) in 1982 by Seri Paduka Baginda Yang di-Pertuan Agong, Dato' Paduka Mahkota Perak (D.P.M.P.) by D.Y.M.M. Paduka Seri Sultan Perak in 1995, the Panglima Jaya Negara (P.J.N.) by Seri Paduka Baginda Yang di-Pertuan Agong in 1999 and subsequently the Panglima Setia Mahkota (P.S.M) in 2014. He also received the Dato' Paduka Mahkota Selangor (D.P.M.S.) from D.Y.M.M. Sultan Selangor in 2016.

In recognition of his years of contribution towards IEM, the engineering profession and the nation, the IEM Council confers to YBhg. Academician Tan Sri Datuk Ir. (Dr) Ahmad Zaidee bin Laidin the IEM Engineering Hall of Fame award.

# CITATION (IEM HONORARY FELLOW)

## Ir. Ong Ching Loon IEM HONORARY FELLOW

**Ir. Ong Ching Loon** is the 36th President of the Institution for sessions 2020/2021 and 2021/2022. Before being elected as the President of the Institution, he was IEM's Deputy President, Vice President, Council members and served as the Chairman of the Standing Committee on Finance, Corporate Affairs, Board of Management – IEM Education Fund and others. During his presidency, notably, Ir. Ong was the Chairman of Special Committee on COVID-19, Position Papers Coordinating Committee, Council and Excomm.

Ir. Ong was a Member of the Board of Engineers Malaysia (BEM) from 2019 to 2022 and Chairman of Application Committee and BEM's Tokoh Kejuruteraan and Tokoh Muda Awards sub-committee since its inception. He is also the Vice President of Malaysia Association of Energy Service Companies (MAESCO), a Past President of ASHRAE Malaysia Chapter. Since 2022, Ir. Ong is the Council Member of ASHRAE representing ASHRAE Region XIII which comprises of chapters of 10 countries in East Asia and ASEAN and 2 groupings in China. Ir. Ong is a Board Member of Kiwanis Down Syndrome Foundation.

He holds a MBA from University of Bath, UK and a B.Sc. (Hons) in Mechanical Engineering. Ir. Ong is a Professional Engineer (PE) with Practicing Certificate, an ASEAN Chartered PE (ACPE), an APEC and International PE, a Registered Foreign PE of the kingdom of Cambodia, a Certified Measurement & Verification Professional of AEE USA, a Registered Electrical Energy Manager, a Certified Energy Management System Expert of UNIDO, among others.

During his tenure as President, Malaysia was hit by the COVID-19 Pandemic. With the support of Council and Secretariat, Ir. Ong and the Excomm engaged KKR, MITI, KPKT, Economic Action Council, MOF and CIDB extensively on the numerous challenges and risks faced by engineers and provided recommendations among others on threshold of stimulus packages for professional services and post-Covid business recovery plans on restoring investor confidence, increase domestic demand and supply chain sustainability.

Gratefully, upon our appeal, KKR wrote to Majlis Keselamatan Negara requesting permission for engineering consultancy firms not to be categorised under essential services to operate under Phase 1 of Recovery Plan.



Under the presidency of Ir. Ong, unprecedentedly, IEM organised more than 560 webinars with 1,288 CPD hours which were attended by about 50,000 engineers to up-skill and re-skill.

Ir. Ong also initiated the “ENGINEER – an event of IEM Convention” during his tenure. ENGINEER is IEM own brand of convention for entire eco-system of engineering for Malaysia. In its 3rd year since the inaugural convention in 2022 at KLCC, “ENGINEER” has successfully promoted the technologies and the profession locally and internationally besides the parents, students and the public.

In recognition of his services nationally, Ir. Ong was conferred the Pingat Jasa Kebaktian (PJK) by the Governor of Penang in 2005. In 2017, he received commendation from EPU (Energy Sector) of the Prime Minister's Department for his services as its Technical Advisor for a Demand Side Management Study. Regionally, in 2016 and 2019, the Governing Board of ASEAN Federation of Engineering Organisations (AFEO) conferred Ir. Ong with the Honorary Member and Honorary Fellow respectively for his contributions to AFEO and as the Secretary General of AFEO. Internationally, he was awarded the Presidential Award of Excellence, Star Award & Special Citation from ASHRAE, USA in 2006.

Ir. Ong is the Managing Director of Cofreth (M) Sdn Bhd and its group of companies. The group specialises in consultancy and out-sourcing services of Energy Efficiency, Facilities Management and Green Building Commissioning for industrial plants and commercial buildings.

He is now currently serving in the IEM Council as Past President.

In recognition of his years of contribution towards IEM and the engineering profession, the IEM Council confers to Ir. Ong Ching Loon, the IEM Honorary Fellow award.

# CITATION

## (IEM HONORARY FELLOW)

**YBhg. Dato' Ir. Rajendran A/L P. Anthony**  
**D.S.P.N., A.M.N., B.C.N., P.K.T., P.J.K.**

**YBhg. Dato' Ir. Rajendran A/L P. Anthony** is currently the fourth Mayor of Penang. He was sworn in as the Mayor of Penang on 9 May 2023, at City Hall, Penang.

YBhg. Dato' Ir. Rajendran received his Bachelor of Civil Engineering with honours from University of Hertfordshire, United Kingdom in 1995. Upon graduation, Dato' Rajendran started as an Assistant Engineer at Majlis Bandaraya Pulau Pinang (MBPP) in 1986. He held various leadership positions including Penang State Chief Traffic Engineer, General Manager to Syarikat Bas Pulau Pinang on secondment, Deputy Director and thereafter Director of Engineering Department and, City Secretary of MBPP prior to his appointment as Mayor of MBPP.

Over the years, YBhg. Dato' Ir. Rajendran had accomplished many important projects, including implementation of one-way streets in George Town, introduction of Rapid Bas Service in Penang and Free Shuttle Bas Service, construction of bicycle lanes and facilities including the spiral ramp at Queensbay area, traffic improvement schemes along Jalan Masjid Negeri and Jalan Ayer Itam, Jalan Gottlieb, Jalan Bagan Jermal, Jalan Zoo including the construction of Autopont, overpass and elevated U-turn at Masjid Negeri and construction of several vehicular and pedestrian overhead bridges. YBhg. Dato' Ir. Rajendran is currently overseeing the Digital Transformation of the City Council of Penang Island. His vision is to make Penang Island a Progressive, Resilient and Happy City.



For his remarkable contributions to engineering profession and distinguished service to Penang, YBhg. Dato' Ir. Rajendran was awarded D.S.P.N., A.M.N., B.C.N., P.K.T., P.J.K. YBhg. Dato' Ir. Rajendran was also awarded Distinguished Engineer 2021 by IEM Penang Branch.

YBhg. Dato' Ir. Rajendran had been supporting IEM in various capacities during his leadership. IEM Penang has been invited to various workshops/seminars/discussions to provide inputs in formulating guidelines/policies to benefit the public.

In recognition of his years of contribution towards IEM and the engineering profession, the IEM Council confers to YBhg. Dato' Ir. Rajendran, the IEM Honorary Fellow award.

# CITATION

## OUTSTANDING ENGINEERING ACHIEVEMENT AWARD

### MINCONSULT SDN BHD



The PETRONAS New Leadership Centre stands tall as a testament to engineering brilliance, exceeding conventional norms with its cutting-edge and eco-friendly design. Its innovative features not only enhance the built environment but also prioritises human well-being and ecological harmony. Key highlights include efficient water conservation methods, utilisation of recycled construction materials, and deployment of renewable energy sources like solar panels alongside energy-saving lighting systems. The incorporation of advanced Mechanical Systems, including high Coefficient of Performance (COP) air conditioning units and heat recovery ventilation systems, further underscores its commitment to sustainability. Not to mention, the adoption of low-U-value energy-efficient building materials adds to its eco-friendly profile.

Earning prestigious GBI Platinum and LEED Platinum certifications, this project exemplifies a steadfast dedication to environmental responsibility. By seamlessly integrating technology and sustainable principles, it sets a new benchmark for conscientious engineering practices. In doing so, it not only reflects PETRONAS's unwavering pursuit of excellence but also encapsulates its core ethos in their motto: "ON TIME, ON BUDGET, AND RESULTS MATTER."

# CITATION (INDUSTRY AWARD)

## PENGURUSAN ASET AIR BERHAD (PAAB)

IEM Awards for Contribution to the Engineering Industry in Malaysia 2024  
Water Industry



Pengurusan Aset Air

**Pengurusan Aset Air Berhad (PAAB)** is a wholly owned company of the Minister of Finance (Incorporated), established on 5 May 2006 based on the effectiveness of Water Services Industry Act 2006 (Act 655).

PAAB is a part of the Government's efforts to restructure the water services industry in the country to achieve better efficiency and quality, to ensure sustainability of the industry as well as being the holding company for the nation's water assets.

Our main responsibility is to develop the nation's water infrastructure in Peninsular Malaysia and the Federal Territory of Labuan, using competitive financing sourced and obtained from private financial market.

The water assets are then leased to water operators licensed by the industry regulator, Suruhanjaya Perkhidmatan Air Negara (SPAN) for operations and maintenance.

Water operators in states that have signed the restructuring plan for water service industry are given facilities to obtain funding to develop new assets as well as upgrade their existing water assets infrastructure.

As the nation's water asset holding company, PAAB is mindful of our responsibility to achieve better efficiency and quality in our operations, as well as to ensure sustainability of the industry. While water is an essential resource for life, how water is managed and delivered to all stakeholders defines the stature of a nation. We regard our role in managing Malaysia's water system as great service to our nation.

## G&P PROFESSIONALS SDN BHD

IEM Awards for Contribution to the Engineering Industry in Malaysia 2024  
Engineering Consultancy Practices (ECP)



G&P Professionals is honoured to receive the prestigious IEM Award, recognising our contributions to Malaysia's engineering industry. With a dedicated team of over 360 professionals and supporting staff, G&P has continually advanced engineering practices across various disciplines, including Civil & Structural, Geotechnical, Mechanical & Electrical, Dams & Water Resources, Coastal, Highway & Railway Engineering and Geological Engineering.

Our commitment to innovation is evident in award-winning projects such as the Sungai Damansara Flood Mitigation and the Bandar Botanic Development's floating piled strip raft foundation design, which have earned ACEM Gold and Silver awards, respectively.

G&P promotes knowledge transfer through our freely accessible technical publications, specifications, and checklists, fostering continuous learning and best practices in the industry. We also prioritise human capital development, offering systematic training programmes to upskill fresh graduates and providing mentorship. G&P's dedication to environmental sustainability is reflected in various projects related to sustainable transport, green energy, climate change studies and ensuring the safety & longevity of key infrastructures.

G&P Professionals' leadership roles in local and international organisations, including two Past Presidents of IEM, a Chair of International Professional Engineers, a Chairman of the APEC Engineer Coordinating Committee, a Secretary General of FEIAP; demonstrate our commitment to promoting the Malaysian engineering brand globally.

G&P Professionals remains steadfast in our mission to uphold engineering excellence and embrace ESG principles. This underscores our commitment to sustainable practices, innovation, and recognising our responsibility to contribute positively to society and the environment, while creating long-term value for our stakeholders and safeguarding the well-being of future generations.

# CITATION (INDUSTRY AWARD)

## WCT BERHAD

*IEM Awards for Contribution to the Engineering Industry in Malaysia 2024*  
**Engineering Construction**



WCT Berhad is the Engineering and Construction Division of WCT Group, specialising in a broad spectrum of engineering and construction services. With a rich legacy spanning over 40 years in various construction domains, our expertise includes earthworks, highways, expressways, rail-based infrastructure works, airports, seaports, dams, and water supply schemes, as well as commercial buildings such as government offices, shopping malls, and hotels. Our track record boasts over 400 successfully completed projects, including design and build projects valued at approximately RM40 billion, demonstrating our expertise in both local and international ventures.

We are proud to showcase a distinguished portfolio that includes three award-winning F1 circuits, an impressive track record of constructing over 500 km of highways and expressways, leading five major airport projects, and numerous sustainable developments across Malaysia, India, Qatar, and Bahrain.

Other notable achievements, included the iconic Guthrie Corridor Expressway, pivotal MRT and LRT infrastructure in the Klang Valley, the state-of-the-art Kota Kinabalu International Airport, the monumental Bakun Hydroelectric Dam, the esteemed Tuaran Hospital, the Federal Government Administrative Centres, the iconic gateway@klia2, and the prestigious City Centre Bahrain.

Our recent undertakings underscore our commitment to nation-building endeavours, including the TRX Infrastructure and Roadway works in Malaysia's first dedicated international financial district, transformative projects such as the Sarawak Pan Borneo Highway, and the pivotal Sultan Ismail Petra Airport in Kelantan, Malaysia.

As a reliable and ISO-certified contractor in the industry, WCT Berhad will continue to propel individuals and organisations toward unparalleled success by fostering collaboration, dedication, and a shared vision of excellence.

## WSP ENGINEERING SDN BHD

*IEM Awards for Contribution to the Engineering Industry in Malaysia 2024*  
**Sustainable Property Development**



Incorporated in Malaysia on 7th November 2012, WSP Engineering Malaysia Sdn Bhd is part of the global WSP group, comprising a workforce of over 67,300 dedicated professionals. As an integral part of this extensive network, our Malaysian team brings forth a wealth of expertise and provides strategic advisory, engineering, and design services to serve both local and international clients across diverse sectors such as Transport & Infrastructure, Industrial, Property & Buildings (Mission Critical Facilities), Power & Energy, Water, and Environment.

At WSP Malaysia, we take pride in being a leading multi-disciplinary consulting firm, offering a comprehensive suite of services spanning architecture, planning and development, design and engineering, program and project management, construction management, and operations & maintenance consulting. Our commitment to excellence and innovation drives us to deliver sustainable solutions tailored to meet the evolving needs of our clients.

Dedicated to fostering the development of livable communities, we develop comprehensive and sustainable engineering solutions for infrastructure and building projects of all scales and complexities. WSP is dedicated to spearheading the transition towards a more equitable, inclusive, and low-carbon world as reflected in our Global Strategic Action Plan firmly rooted in sustainability and ESG principles, guiding us in the projects we undertake for clients.

WSP Engineering Malaysia Sdn Bhd holds registrations with the Board of Engineers Malaysia (BEM), The Association of Consulting Engineers Malaysia (ACEM), and the Ministry of Finance (MOF), underscoring our commitment to upholding the highest standards of professionalism and integrity in our operations.

With an unwavering commitment to inclusion, innovation, and sustainability, WSP takes pride in delivering advisory and design services that are not only Future Ready, but also sustainable and resilient to assist our clients' projects for today and the years ahead.

# CITATION (INDUSTRY AWARD)

## UPSTREAM TECHNOLOGY, DIGITAL INNOVATION, PETRONAS CARIGALI SDN BHD



*ITEM Awards for Contribution to the Engineering Industry in Malaysia 2024*  
**Digital Industry**

With a vision to be a safe, resilient, low cost and low carbon exploration and production business, Upstream Technology, Digital and Innovation (UTDI), PETRONAS was established to enable a differentiated Upstream business through purposeful Technology and Digital positioning, as well as Technology and Digital savvy culture inculcation.

To that end, we establish trusted data to drive pace and cross-functional synergy, delivering high-quality insights across the Upstream Value Chain. We also unlock various opportunities via purposeful Technology and Digital positioning, sustained holistically through an integrated architectural lens. Furthermore, we realise the need to enhance business capabilities by inculcating a progressive Technology and Digital savvy culture.

UTDI's significant contributions to Upstream Technology, Digital and Innovation advancements are evidenced by strategic partnerships and industrial collaborations, shaping the Technology, Digital and Innovation landscape of the sector. Our customer-centric approach and our unwavering commitment to Innovation fuels a comprehensive digital transformation, empowering our workforce to harness the maximum potential of Technology, Digital and Innovation advancements, whilst cementing our reputation as the preferred Technology and Digital solutioning partner. PETRONAS Digital Collaboration Centre, the digital icon and pride of PETRONAS, is without a doubt the embodiment of our customer-centric approach and our unwavering commitment to innovation, representing the convergence of Technology, Digital and Engineering within a collaborative working environment.

In summary, UTDI's relentless pursuit of customer-focused innovation underscores our indispensable role in driving successful Technology and Digital transformation across the Upstream business. Our continual quest for Technology, Digital and Innovation advancements in a sustainable manner defines us as Upstream leaders.

## KAWAN ENGINEERING SDN BHD



*ITEM Awards for Contribution to the Engineering Industry in Malaysia 2024*  
**Manufacturing & Production**

Kawan Engineering Sdn. Bhd. ("Kawan") is situated within the IGB Industrial Park in Ipoh, comprising three manufacturing factories.

With 28 years of experience, Kawan offers end-to-end engineering solutions who principally involved in the design, fabrication, installation and/or commissioning of industrial process equipment, process plants as well as renewable energy and co-generation plants serving both local and international customers from diversified industries.

Kawan's products comply with international standards like ASME 'U1', 'U2', 'S', 'H', & National Board and ISO9001, ISO 14001 and ISO45001 demonstrating our commitment to high-quality engineering practices.

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The Organising Committee and the IEM Council wish to express their sincere gratitude and appreciation to the following organisations for their support and contribution towards the success of our Annual Dinner and Awards Night.

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# 65<sup>th</sup> ANNUAL DINNER & AWARDS NIGHT

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