Organised by

IEM The Institution of Engineers, Malaysia

WE WOMEN ENGINEERS

Training Mode: Physical

Approved Duration: 22/10/2026 - 22/10/2027

HRD Corp Serial No: 10001777036

WiSET 2026

The 4th International Conference for Women in Science, Engineering & Technology

Inclusive Innovation: Women Leading Digital & Sustainable Transformation



Enquires
suriani@iem.org.my

23 to 25 November 2026

Casuarina Hotel, Meru Ipoh, Perak

Inclusive Digital Transformation & Emerging Technologies

Sustainable Leadership, ESG & Women in Industry

Special Guest of Honour

Her Royal Highness

DYMM Tuanku Zara Salim

Raja Permaisuri of Perak Darul Ridzuan

scan to register

Programmed Itineray

Day 1
Monday
23 Nov

- Registration
- Opening Ceremony by Her Royal Highness Raja Permaisuri (Queen consort) of Perak
- Keynote Addresses
- Plenary Sessions
- Parallel Technical Sessions

Day 2
Tuesday
24 Nov

- Plenary Sessions & Forum
- Workshop
- Closing Ceremony

Day 3
Wednesday
25 Nov

- Technical and Cultural Visits
- 🏭 Papan Regional Sewerage Treatment Plant (RSTP)
- 🏛️ Kellie's Castle

Registration (rate per person)

CATEGORY (not inclusive of SST 8%)	NORMAL	2-5 Person (5%)	6-10 Person (7%)	>11 Person (10%)
IEM Student Members (RM)	320.00	304.00	297.60	288.00
IEM Members (RM)	850.00	807.50	790.50	765.00
Non IEM Member (RM)	1100.00	1045.00	1023.00	990.00
International Participants (USD)	350.00	332.50	325.50	315.00

https://iemwomenengineers.com/wiset2026

IEM Women Engineers Section (IEM WE)

IEM Women Engineers

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INTRODUCTION OF WOMEN ENGINEERS SECTION

The IEM Women Engineers Section (IEM WES) was established to connect and empower women engineers across Malaysia and internationally. As stated in the original proposal, the section "forges robust networks that promote collaboration and mutual support" and "champions gender diversity in engineering through events, mentorship programmes and outreach initiatives."

In 2026, IEM WES is strategically positioned to support Malaysia's transformation under the National Semiconductor Strategy (NSS), National Energy Transition Roadmap (NETR), NIMP2030, and MyDIGITAL. WiSET 2026 will serve as a national platform to accelerate women's leadership in AI, sustainability, and the deep-tech ecosystem, three pillars central to Malaysia's economic future.

INTRODUCTION OF WISET CONFERENCE

The WiSET Conference series has a proud history of empowering women in STEM. The 1st WiSET was successfully organised in 2012, followed by WiSET 2018, and the 3rd WiSET in 2022 in conjunction with the 12th INWES-APNN Meeting. WiSET 2026 will be the 4th edition, continuing the tradition of excellence.

The 4th edition in 2026 builds on this legacy, with a renewed focus on frontier technologies shaping Malaysia's next decade. The original objectives include "engaging, inspiring and building the next generation of women in Science, Engineering and Technology" and "highlighting the importance of digital tools and AI in advancing scientific and engineering research."

WiSET 2026 expands this mandate by aligning with Malaysia's national technology priorities.

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WE WOMEN ENGINEERS

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ABOUT THE EVENT & OBJECTIVES

IEM Women Engineers Section (IEM-WES) is proud to organise the 4th International WiSET Conference 2026. Building on the success of previous editions, WiSET 2026 will be held at Casuarina Hotel, Perak on 23 – 25 November 2026.

The objectives are as follows:

To advance Malaysia's Engineering and Technology Leadership
Strengthen the women talent pipeline across engineering disciplines, from infrastructure and built environment to digital technologies and advanced manufacturing.

To accelerate AI Adoption & Digital Transformation
Equip women engineers and scientists with AI, data, and automation skills aligned with MyDIGITAL and the National AI Roadmap.

To champion Sustainability & Green Engineering
Support National Energy Transition Roadmap (NETR), ESG commitments, and climate tech innovation through engineering solutions.

To strengthen Industry-Academia-Government Collaboration
Position WiSET as a national platform for dialogue between ministries, GLCs, MNCs, and STEM professionals.

To inspire Future Women Leaders in High-Tech Sectors
Provide visibility, mentorship, and global exposure to young women in STEM.

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PROGRAMME 23 NOVEMBER 2026

Day 1 - 23 November 2026 (Monday)	
Time	**Programme WiSET 2026**
07:30 am – 8:30 am	Registration for WiSET 2026 Delegate check-in and distribution of conference materials
08:30 am – 8:45 am	Safety Briefing
08:45 am – 08:55 am	Welcome Remarks — WiSET Organising Chairperson Ir. Ts. Assoc. Prof. Dr. Mah Siew Kien
08:55 am – 09:05 am	Welcome Remarks — Chair, IEM Women Engineers Section Ir. Prof. Dr. Zuhaina Zakaria
09:05 am – 09:30 am	Conference Showcase & Video Presentations
09:30 am – 09:50am	Royal Arrival and Reception Arrival of DYMM Tuanku Permaisuri Perak Darul Ridzuan, Tuanku Zara Salim; Escort to Holding Room; Sesi Menjunjung Kasih Presentation of commemorative token by IEM President; Royal portrait session
09:50 am – 10:00 am	Royal Entrance into Conference Hall Royal procession and announcement; Negaraku and Perak State Anthem; programme book presented to Guest of Honour
10:00 am – 10:05 am	Doa Recitation
10:05 am – 10:25 am	Address by IEM President and Honorary Fellow Presentation Address by Ir. Yau Chau Fong, IEM President Presentation of IEM Honorary Fellow Award to DYMM Tuanku Zara Salim
10:25 am – 10:45 am	Royal Address and Official Opening Titah ucapan by DYMM Tuanku Zara Salim; Official declaration and opening; Opening montage
10:45 am – 11:00 am	Royal Visit to Exhibition Booths
11:00 am	Royal Departure
11:00 am - 11:15 am	Networking Break
11:15 am - 11:45 am	Special Address YB Dato' Salbiah Mohamed — Women, Family, Welfare, Entrepreneurship and STEM Participation

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PROGRAMME 23 NOVEMBER 2026

Day 1 - 23 November 2026 Monday)	
Time	**Programme WiSET 2026**
11:45 pm – 1:00 pm	Plenary Session 1 — Malaysia's Next Industrial Leap: From Manufacturing to High-Tech Ecosystems Panellists: Ms. Yap Suan See (AT&S) Mr. Chandra Segar Rama Chanderam (Coherent Malaysia) YBhg. Dato' Irene Lee (Team Keris Berhad, and Chairperson BOD SJK(C) & SMJK Ave Maria Convent) Puan Emelia Matrahah (INED of PLCs, Fellow, ICDM) Session Chair: Ir. Ts. Assoc. Prof. Dr. Mah Siew Kien (IEM-WE)
1:00 pm – 2:00 pm	Lunch
2:00 pm – 3:00 pm	Plenary Session 2 — Women Leading Sustainable Futures Panellists: Ir. Sharifah Azlina Raja Kamal Pasmah (HSS Engineering) Prof. Anette Kolmos (Aalborg University, Denmark) Dr. Shahrul Yazid Yahaya (CREST) Session Chair: Ir. Prof. Dr. Zuhaina Zakaria (IEM-WE)
3:00 pm – 3:15 pm	Networking Break
3:15 pm – 5:15 pm	Parallel Technical Sessions
TRACK 1 — Inclusive Digital Transformation & Emerging Technologies Session Chair: Amzani Isa, Subsurface Senior Manager, ExxonMobil	1. AI-Powered Digital Transformation for Malaysian SMEs: A Practitioner's Framework from the Field Authors: Dr. Nur Syafika Artika Rahim 2. Automated Hatchery Temperature Monitoring System for Sea Turtle Conservation Authors: Fatin Nadhirah Mohd Afandi 3. An Integrated Hydraulic Modelling and AI Framework for Urban Stormwater Management in Malaysia Authors: Idris Nurul Neesa; Ir. Prof. Dr. Zahiraniza Mustaffa; Shah Syed Muzzamil Hussain; Al-Qadami Ebrahim Hamid Hussein 4. Bio-sensing for Robotic Arm Authors: Ir. Dr. Norashikin M. Thamrin 5. The Human Side of Digital Transformation: Reimagining Inclusive Engineering Project Delivery Authors: Ir. Dr. Salmaliza Salleh 6. Process Simulation for Digital Transformation in Chemical Engineering Education: A Mini Review Authors: Ir. Ts. Dr. Serene Lock Sow Mun
TRACK 2 — Sustainable Leadership, ESG & Women in Industry Session Chair: 1. Sharmela Raj Marimuthu, Model Performance Analytics Engineer, ExxonMobil	1. Malaysia–Japan Collaborative Innovation: Localization of a Reinforcement-Truss Deck System as an IBS Solution for Malaysian Slab Construction Authors: Yike Yuan Yap; Desmond Woon; Hazrina Mansor 2. Starting Small, Scaling Impact: How A Women-Led Team Closed An Engineering Visibility Gap Authors: Ir. Wan Adawiah Wan Asman Shukor; Ir. Ts. Bibi Sabrena Sakandar Khan 3. Digitalization Begins with Simplicity: Lessons from Implementing an Electronic Document Management System in Airport Project Delivery Authors: Ir. Ts. Bibi Sabrena Sakandar Khan; Ir. Ts. Nurul Hafeeza Mohamed 4. Leading from the Ground Up: A Woman Engineer's Perspective on Sustainable Leadership Authors: Ir. Ying Sim Chia 5. Consumer Behavior In Energy Consumption Authors: Ir. Prof. Dr. Zuhaina Zakaria
5:15 pm – 5:45 pm	Token Presentation & Photo Session
7:30 pm – 10:00 pm	Conference Dinner

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PROGRAMME 24 NOVEMBER 2026

Day 2 - 24 November 2026 (Tuesday)	
Time	**Programme WiSET 2026**
9:00 am – 10:00 am	Plenary Session 3 — Building Sustainable Cities: Policy, Infrastructure & Inclusion Speaker: YBhg. Datuk Ir. Narendran Maniam (IWK) Session Chair: Ir. Rusnida Talib Token Presentation
10:00 am – 10:30 am	Networking Break Hotel Foyer
10:30 am – 11:30 am	Panel Forum — Industry–Academia–Government: What's Still Not Working? Ms. Noor Habibah binti Roslan (ExxonMobil) Ir. Sally Leung (HKIE) Pn. Noriani @ Yati Mohamad (Universiti Teknologi PETRONAS) Session Chair: Ir. Prof. Dr. Zahiraniza Mustaffa Token Presentation
11.30 am - 1.00 pm	Workshop — Women Leading ESG Transformation Facilitator: Ir. Eur Ing. Ts. Dr. Harvin Kaur, Asia Pacific University of Technology and Innovation (APU) Token Presentation
1.00 pm - 2.00 pm	Lunch
2.00 pm - 4.00 pm	Plenary Session 4 — Women in STEM Leadership: From Factory Floor to Boardroom Panellists: YBhg. Dato' Zainora Zainal (INEP, WCT Holdings and Former Chief executive, CIDB Malaysia) Ir. Stephanie Sim Hui Kheng (Immediate Past Chairperson, IEM Sarawak Branch) YBhg. Datuk Rachel Koh Sok Ching (Aura Lite) Session Chair: Ir. Noorfaizah Hamzah
4.00 pm - 4.30 pm	Token Presentation & Photo Session Closing Remarks — WiSETOrganising Chairperson Ir. Ts. Assoc. Prof. Dr. Mah Siew Kien
4.30 pm	Afternoon Refreshments & Adjournment

PROGRAMME 25 NOVEMBER 2026

Day 3 - 25 November 2026 (Wednesday)	
Time	**Programme WiSET 2026**
TECHNICAL & CULTURAL VISIT	
8.00 am – 4.45 pm	Papan Regional Sewage Treatment Plant (RSTP) & Kellie's Castle

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SPECIAL ADDRESS

Theme: Women, Family, Welfare, Entrepreneurship, and STEM Participation



YB Dato' Salbiah Mohamed

YB Dato' Salbiah Mohamed is a Malaysian politician who serves as the State Assemblywoman (ADUN) for Temengor, Perak, representing Barisan Nasional (BN). She is also a member of the Perak State Executive Council (EXCO), where she has held responsibilities related to women's development, family affairs, social welfare, and entrepreneurship development. Her role involves supporting community well-being, empowering women, strengthening family welfare, assisting vulnerable groups, and encouraging entrepreneurship among local communities. She was sworn in as a member of the Perak State Executive Council on 22 November 2022. As the representative for Temengor, she serves the local community through her constituency office in Gerik, Perak. Her public responsibilities focus on addressing community needs and supporting social and economic development within the state.

PANELIST SPEAKERS

Plenary Session 1 - Malaysia's Next Industrial Leap: From Manufacturing to High-Tech Ecosystems



Ms. Yap Suan See

Yuan See Yap has over 30 years of experience working in operations management in multinational companies in Malaysia, about 20 years she served in the photonics industry, and the last position held was VP of Manufacturing and Managing Director at Coherent Advanced Manufacturing Malaysia. She has a Bachelor's degree in Business Administration from Winona State University, USA and a Master's degree in Manufacturing Management from the University of South Australia



Mr. Chandra Segar Rama Chanderam

R. Chandra is the Site HR Director at Coherent Malaysia, appointed effective 24 August 2026. With over 20 years of regional human resources experience across Asia, he has held leadership positions at AMD, Flex, Intel, and Teleplan. His expertise includes employee relations, organizational development, talent strategy, governance, compliance, and business transformation. He holds an MBA and a Bachelor of Management with Honours from Universiti Sains Malaysia and is an HRDC-certified trainer. Beyond his professional career, Chandra actively contributes to education, workforce development, and community service. He is the Immediate Past President of the Rotary Club of Penang, an Industry Advisory Board Member of INTI International College Penang, and serves in various alumni, professional, and community organizations. He is committed to developing talent, strengthening leadership capabilities, enhancing workforce wellbeing, and promoting social responsibility.

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PANELIST SPEAKERS



YBhg. Dato' Irene Lee

Dato' Irene Lee is Group Deputy Chairlady of Team Keris Berhad, a Perak-based property developer with over three decades of experience. With a discerning eye for design and an unwavering commitment to excellence, she leads the Group's design and construction divisions across residential, commercial and industrial developments. Her hands-on involvement has helped shape a portfolio of over 35,000 properties delivered across Perak, with an emphasis on enduring value and higher industry standards. Her commitment extends to education. For over two decades, she has served both primary and secondary school of Ave Maria Convent Ipoh, where she chairs the Board of Governors, contributing to improvements in the school's buildings and facilities while supporting the education of successive generations of young women. Through her achievements in business and longstanding service to education, she exemplifies leadership grounded in conviction and perseverance, encouraging women to recognise their potential, pursue their ambitions with confidence, and contribute meaningfully to their wider communities.



Ms. Emelia Matrahah

Ms. Emelia Matrahah is a seasoned corporate leader with over 30 years of experience across public-listed and government-linked organisations in Malaysia. She has held senior leadership roles, including Acting President & CEO of MIMOS Berhad for 2 years, and currently serves as an Independent Non-Executive Director at Vitrox Corporation Berhad , Top Glove Corporation Berhad, Tropicana Corporation Berhad and Pixlr Group Corporation Berhad. As Founder & CEO of Matrahah & Associates, Ms. Emelia advises on interim CFO services, financial stewardship, risk transformation, and leadership development. A Fellow of CIMA and CGMA and member of Malaysia Institute of Accountants, she is an advocate for ethical governance, women's leadership and empowerment. Ms. Emelia is also a Fellow of the Institute of Corporate Directors (ICDM) and a member of Lead Women. She also acts as Mentor for Board-Ready Affiliates for ICDM and Lead Women and often invited as a Speaker / Panelist on ESG and procurement, AI and the future workforce, digital transformation, finance, risk management and leadership, including engagements with Bank Negara Procurement Day, Asia School of Business, Malaysian Institute of Accountants, UPSI & DRB University. She is also the author of: Chronicles of a CFO Life Journey – From Timid to Bold (2023).

Plenary Session 2 - Women Leading Sustainable Futures



Ir. Sharifah Azlina Raja Kamal Pasmah

Ir. Sharifah Azlina Raja Kamal Pasmah is Executive Director of HSS Engineers Bhd. and Chief Executive Officer of HSS Engineering Sdn. Bhd. and BIM Global Ventures. With more than 36 years of experience, she has led major infrastructure projects, locally & internationally. A Professional Engineer with Practicing Certificate and Fellow of the Institution of Engineers, Malaysia, she is currently a board member of Board of Engineers Malaysia (BEM), a Council Member of the Association of Consulting Engineers Malaysia (ACEM) and Malaysia Rail Industry Corporation (MARIC). She is also the Industry Advisory Panel for Civil Engineering disciplines at UTP, Monash University, TAR UMT (University of Management & Technology) and recently been appointed as an adjunct Professor at UTP. In recognition of her contributions to women in STEM, she received AFEO Honorary Membership in 2020.



Dr. Shahrul Yazid Yahaya

Dr. Shahrul Yazid Yahaya experienced R&D professional in semiconductors industry, managing research, and innovation design projects and teams. Strong engineering professional with a Doctor of Engineering focused in Engineering Business Management. As part of advisory panel for a number of universities, I provide technology and industry perspective to address the challenges in bringing the expectation of the industry and society, capability of academic institutions and potential of graduates closer together.

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PANELIST SPEAKERS



Prof. Dr. Anette Kolmos

Anette Kolmos is Professor in Engineering Education and PBL (2003-2026), Founding Director (Director 2014-2023) for the UNESCO category 2 Centre: Aalborg Centre for Problem Based Learning in Engineering Science and Sustainability. UNESCO Chair in PBL in EE (2006-2014). Guest professor at KTH, Stockholm (2012-2017). She was President of SEFI 2009–2011 (European Society for Engineering Education) and Founding Chair of the SEFI-working group on Engineering Education Research. She was awarded the Leonardo da Vinci Medal in 2023, IFEES Global Award for Excellence in Engineering Education, 2013 and the SEFI fellowship in 2015. During the last 20 years, Dr. Kolmos has researched the following areas, primarily within Engineering Education: gender and technology, project based and problem-based curriculum (PBL), generic competencies, educational change and interdisciplinarity. Her last larger research project was on InterPBL - interdisciplinary projects (2020-2026) funded by the Grundfos Foundation.

SPEAKER

Plenary Session 3 - Building Sustainable Cities: Policy, Infrastructure & Inclusion



YBhg. Datuk Ir. Narendran Maniam

Datuk Narendran has served as Chief Executive Officer of Indah Water Konsortium Sdn Bhd (IWK) since August 2019, bringing over 28 years of experience in strategic planning, business development, and water infrastructure. He previously worked at IWK from 1998 to 2005 as a Planning Engineer and Manager before joining Ranhill Utilities, where he held various strategic positions until 2019. Under his leadership, IWK has expanded its sewerage coverage across Peninsular Malaysia, extended its concession period to 2034, and introduced Circular Economy initiatives, including bioeffluent and biosolid reuse and increased biogas production. He also successfully restructured sewerage tariffs after 28 years without changes. Datuk Narendran holds a Bachelor's degree in Civil Engineering and a Master's degree in Civil-Environmental Engineering from Universiti Teknologi Malaysia (UTM). He is a registered engineer with the Board of Engineers Malaysia and a member of the Malaysian Water Association, reflecting his commitment to environmental sustainability and the advancement of Malaysia's water industry.

PANELIST FORUM

Panel Forum – Industry–Academia–Government: What's Still Not Working?



Ms. Noor Habibah Roslan

Habibah Roslan has built a successful career in the energy sector while balancing family life. She earned a Bachelor of Engineering in Electrical Engineering from the University of Sheffield, UK, and began her professional journey at PETRONAS Carigali in 2006 as an Instrument Engineer. In 2012, she joined Shell Malaysia, progressing through various engineering roles while contributing to diversity and inclusion initiatives through the Shell Women's Action Network. Since 2017, she has advanced her career at ExxonMobil, taking on diverse roles including Instrument Engineer, Business Planner, and Reliability Leader in Singapore. She currently serves as Control & Applications Senior Manager, demonstrating her technical expertise and strategic leadership. A devoted mother of four, Habibah embraces the values of integrity, respect, continuous learning, and care for people. Guided by her philosophy, "Work Hard, Have Fun," she continues to pursue excellence in both her personal and professional life.

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PANELIST FORUM



Ir. Sally Leung

Ir. Sally Leung is a building services engineer with experience across consultancy, construction, public bodies and the utility sector. She currently serves as Manager – Data Centre Sales at a major Hong Kong utility, advancing energy-efficient solutions and supporting Hong Kong's data centre ecosystem. Sally is dedicated to strengthening the engineering community and nurturing future talent. As Chairlady of the Women in Engineering Committee of the Hong Kong Institution of Engineers (HKIE) for Session 2026–2027, she leads initiatives to broaden opportunities, elevate professional visibility and inspire women's participation in engineering leadership. Her contributions extend to disciplinary boards, green building committees and youth mentorship. Besides, Sally also serves as the President of the Hong Kong Federation of Development Professionals, Chairlady of the Management Section of IET Hong Kong and Committee Member of the Building Services Division of HKIE, committed to shaping a profession where innovation, integrity and representation empower engineers to lead with purpose.



Ms. Noriani @ Yati Mohamad

Noriani Yati Mohamad is the Senior Vice President, Business and Chief Operating Officer of Universiti Teknologi PETRONAS (UTP), appointed in August 2026. She brings over 30 years of leadership experience with PETRONAS across operations, asset management, strategy, commercial management and joint ventures. She holds a Bachelor of Engineering in Petroleum Engineering from the Colorado School of Mines, USA, and has completed executive development programmes at the University of Oxford and the University of Cambridge. Before joining UTP, Noriani held more than 10 roles within PETRONAS Carigali and Malaysia Petroleum Management. As Senior General Manager, Joint Venture Malaysia, PETRONAS Upstream, she oversaw key upstream joint ventures and contributed to major initiatives, including cross-border petroleum field unitisation, the Sarawak Integrated Sour Gas Evacuation System, and carbon capture and storage projects. At UTP, she focuses on financial sustainability, operational excellence, HSE, customer experience, and digital transformation. She is passionate about developing future leaders and strengthening collaboration between education and industry.

PANELIST SPEAKERS

Plenary Session 4 - Women in STEM Leadership: From Factory Floor to Boardroom



YBhg. Dato' Zainora Zainal

Dato' Zainora Zainal is an accomplished construction industry leader and governance professional with over 35 years of experience in industry development, policy formulation, standards, contractor development and organisational transformation. She made history as the first woman Chief Executive of CIDB Malaysia, appointed in November 2024, and retired in January 2026 after nearly three decades of service. She currently serves as an Independent Non-Executive Director of WCT Holdings Berhad, Concrete Engineering Products Berhad and Hong Leong Industries Berhad, contributing expertise in board governance, risk management, sustainability and audit oversight. Her leadership has advanced digitalisation, Building Information Modelling (BIM), human capital development, contractor capabilities and international cooperation. She also holds professional and academic appointments with the Chartered Institute of Building Malaysia, Universiti Sains Malaysia and Universiti Malaysia Perlis. A Coventry University engineering graduate, she has received several prestigious honours recognising her leadership and contributions to the construction industry.

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PANELIST SPEAKERS



Ir. Stephanie Sim Hui Kheng

Ir. Sim Hui Kheng, FIEM, P.Eng., is a senior civil engineering professional with over 25 years of experience in the Public Works Department (PWD) Sarawak, specialising in engineering governance, quality assurance, regulatory compliance, and infrastructure management. She currently serves as Quality Assurance and Quality Control Manager at PWD Sarawak, Chairlady of the Institution of Engineers Malaysia (IEM) Sarawak Branch, and Secretariat of the Board of Engineers Malaysia (BEM) Sarawak. She holds a Master of Project Management from Curtin University Malaysia and a Bachelor of Science (Honours) in Civil Engineering from Universiti Teknologi Malaysia. A Professional Engineer with Practising Certificate and IEM Fellow, she is also a certified lead auditor in multiple ISO management systems. Her contributions include organisational transformation, risk management, compliance auditing, and professional development. She has received six PWD Sarawak Excellence Service Awards and the Pingat Perkhidmatan Bakti (Perak).



YBhg. Datuk Rachel Koh Sok Ching

Datuk Koh Sok Ching (Rachel) is an accomplished business leader with extensive experience in construction, infrastructure, IT system integration, facility management, green technology and sustainable solutions. As Business Development Director of Aura Lite (M) Sdn Bhd, she has led strategic business growth, industry collaborations and the delivery of government and infrastructure-related projects. She holds a Professional Master's in Facility Management from Universiti Malaysia Perlis (UniMAP) and is also a Certified Facility Management Professional (FMP), further strengthening her professional expertise in facility and asset management. She is actively involved in advancing sustainable practices, particularly in rainwater harvesting and green technology. Datuk Rachel also serves as a Board Member of the Malaysia Green Building Confederation (MGBC) and Vice Chairlady II of PERSPAH, contributing to industry development and environmental sustainability initiatives in Malaysia.

WORKSHOP

Sustainable Leadership ESG and Women in Industry



Ir. Eur Ing. Ts. Dr. Harvin Kaur

A Professional Engineer specializing in flow assurance, rheology, and emulsion challenges in the oil and gas industry. With a PhD in Mechanical Engineering from UTP and seven years of industry experience, she brings expertise in process optimization and operational excellence. A Master Black Belt in Lean Six Sigma, she integrates data-driven decision-making into engineering education and industrial applications. An active member of the Society of Petroleum Engineers (SPE), she bridges academia with industry to foster innovation and sustainability in engineering.

Programme Description

An interactive team-based workshop where participants tackle an industrial ESG challenge through role play, root cause analysis, budget prioritisation and boardroom pitches, highlighting women's leadership in sustainable transformation.

Workshop Overview

Participants take on the roles of an ESG Transformation Task Force for a fictional industrial company. Through collaborative problem-solving, strategic budget decisions and team presentations, they develop a practical ESG action plan that balances environmental sustainability, business priorities, employee well-being and community needs. The workshop emphasises inclusive, accountable and women-led leadership in driving sustainable industrial change.

Learning Outcomes

By the end of the workshop, participants will be able to:
Recognise key environmental, social and governance (ESG) challenges in industry.
Analyse root causes and prioritise practical improvement measures.
Balance sustainability goals with financial, employee and community needs.
Develop measurable ESG indicators and a practical action plan.
Demonstrate inclusive, collaborative and accountable leadership in decision-making.

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REGISTRATION FORM

No	Name (s)	M'Ship Number	IC No.	Fee (RM)
			SUB TOTAL	
			ADD SST @8%	
			TOTAL PAYABLE	

PAYMENT INFORMATION :

Account Name : THE INSTITUTION OF ENGINEERS, MALAYSIA
Account Number : 232–303–911–0
Bank Name : UNITED OVERSEAS BANK (UOB)
Bank Address : NO 2-6, JALAN TENGAH, 46200 PETALING JAYA, SELANGOR
Swift Code : UOVBMYK1025
Email Address for Receiving Remittance Advise : finance@iem.org.my/suriani@iem.org.my

Name_____ Designation: _____
Adress:
_____
_____
_____
Tel No:_____ Email: _____

_____ _____
Signature & Stamp Date

Kindly email the registration form to suriani@iem.org.my/act@iem.org.my

IMPORTANT

Participant / company that APPLY THROUGH HRDC, MUST EMAIL the Registration Form to IEM Secretariat and DO NOT register and pay through IEM portal.
STRICTLY, secretariat will not entertain shall you wish to CHANGE TO HRDC AFTER PAID THROUGH THE IEM PORTAL.
Your cooperation is highly appreciated.