

**FORUM**

# **SHE ENGINEERS, HE SUPPORTS : RETHINKING ROLES IN A CHANGING INDUSTRIES**



**1 MARCH 2025, SATURDAY  
11.15 AM - 1.00 PM**



**MALAKOFF AUDITORIUM,  
WISMA IEM**

## **Registration Fees**

IEM Students : Free  
IEM Members : RM 15  
Non-IEM Members : RM70

**BEM Approved CPD Hours : 2  
Ref No. : IEM25/HQ/058/F**

**Organised By :  
WOMEN ENGINEERS  
SECTION, IEM**

Who Should  
Attend?

Engineers, students,  
industry leaders, and  
anyone passionate about  
diversity, equity, and  
inclusion in STEM.

**Let's Rethink,  
Reshape & Redefine  
Engineering Together!**



# SHE ENGINEERS, HE SUPPORTS : RETHINKING ROLES IN A CHANGING INDUSTRIES

## Synopsis

The engineering world is evolving, and so are the roles within it. This engaging panel session explores the experiences of women engineers as leaders, colleagues, and innovators while addressing the crucial role of male allies in fostering inclusive and supportive work environments.

How can we break stereotypes, build stronger collaborations, and create a future where talent—not gender—defines success? Join us as industry experts and trailblazers share insights, challenges, and actionable strategies to shape a more equitable engineering landscape.



**MODERATOR:**  
**IR. PROF DR ZUHAINA  
ZAKARIA**

Professor, College of  
Engineering, UiTM

Dean of the Institute of Postgraduate Studies at UiTM, with over 30 years of experience in academia. She specializes in energy efficiency, power quality, load profiling, and power system analysis. An active member of IEEE and IET, she also served as the Honorary Secretary of IEM for session 2022/2023, 2023/2024. She has held key roles in the Board of Engineers Malaysia and the Engineering Technology Accreditation Council.



**PANELIST:**

**IR. PROF. DR. JEFFREY  
CHIANG CHOONG LUIN**

President, The Institution of  
Engineers, Malaysia (IEM)

Ir. Prof. Dr. Jeffrey Chiang is the current President of IEM (2024–2026). A Civil Engineer with a PhD from the University of Wollongong, he has experience in both industry and academia, having served at INTI International University and SEGi University. He plays a key role in drafting Malaysian Standards for concrete structure design and chairs the Technical Committee on Earthquake. He is also a member of the International Committee on Concrete Model Code for Asia.



**PANELIST:**

**IR. TS. IRENE LOCK SOW MEI**

Senior Process Engineer, Group  
Technical Solutions, PETRONAS

An award-winning chemical engineer with 10 years of experience in the oil and gas industry. She specializes in water technology and treatment, overseeing the development and implementation of effective water management solutions. A graduate of Universiti Teknologi Petronas (UTP) in Chemical Engineering, she has received numerous accolades, including UTP's Chancellor Gold Award and IEM's Best Engineering Graduate Gold Award. Irene is a certified Professional Engineer (BEM), Chartered Engineer (Engineering Council UK), and Professional Technologist (MBOT).



**PANELIST:**

**IR. TS. BIBI SABRENA  
SAKANDAR KHAN**

Project Director, Malaysia  
Airports

A certified Project Management Professional (PMP)® and ASEAN Chartered Professional Engineer with extensive experience in civil engineering at KLIA since 2006. As Project Director at Malaysia Airports, she leads major asset replacement projects, including the Automated People Mover and Baggage Handling System. Passionate about continuous learning, she is currently pursuing a Doctorate in Business Administration at UNITAR.



**PANELIST:**

**IR. TS. DR. HARVIN KAUR  
GURCHRAN SINGH**

Assistant Professor, Asia  
Pacific University of  
Technology & Innovation

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.