

TECHNICAL TALK

CORROSION: A WAR AGAINST SAFETY, TIME & COST



PRESENTED BY
Ts. Michelle Lau



Saturday, 4 April 2026



Time

10:00 am – 11:00 am



**Auditorium Tan Sri Chin
Fung Kee, Wisma IEM**

**BEM Approved CPD: 1
Ref. No.: IEM26/HQ/135/T**



SCAN HERE TO REGISTER

SYNOPSIS

Corrosion is part of materials degradation, which is an inevitable process that affects every engineered system, influencing safety, reliability, and lifecycle cost. From buried pipelines and bridges to offshore platforms and industrial facilities, corrosion continuously challenge asset integrity.

This talk explores how seemingly minor material changes that is always overlooked can evolve into major engineering failures if not properly understood and managed. Through practical examples and case studies, the session highlights the relationship between corrosion, risks, and long-term performance. Therefore, emphasising why engineers across all disciplines must recognise, anticipate, and control corrosion effectively and efficiently to ensure safe and sustainable infrastructure.

SPEAKER

Michelle is a certified AMPP/NACE Cathodic Protection Specialist (CP4) and the Founder and Managing Director of Mach3 Engineering Sdn. Bhd. She brings strong technical expertise in corrosion management, particularly cathodic protection, with leadership across projects in the oil and gas, power, and water sectors throughout Asia Pacific. Among Malaysia's few CP4 specialists, she is recognised for her technical depth and leadership. Michelle is also an active contributor to engineering associations, advocating industry advancement, promoting best practices, and inspiring the next generation of engineers.

Registration Fees:

Student Members : Free

IEM Members : RM 15.00

IEM Non Members : RM 70.00

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