

ENGINEERING EDUCATION PRESTIGE LECTURE SERIES 2025: **Academician Tan Sri Dato Seri Ir. Prof. Emeritus Dr.** **Chuah Hean Teik**

NURTURING PURPOSEFUL ENGINEERS THROUGH PURPOSE-LED AND IMPACT-DRIVEN LEARNING

Organised by:
Engineering Education Technical Division, IEM

BEM Approved CPD: 2 Ref no: IEM25/HQ/405/T

 **20 SEPTEMBER 2025, SATURDAY**

 **9.00AM - 11.00AM**

 **WISMA IEM, PETALING JAYA**

SPEAKER:

DR. THIAN LOK BOON

*Pro Vice-Chancellor, Learning and Teaching
Centre for Future Learning
Taylor's University*



REGISTRATION FEE :

IEM STUDENT : FOC

IEM MEMBERS: RM15

NON IEM MEMBERS: RM70

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SYNOPSIS

While Malaysia may face a massive shortage of engineers, the number of students interested in STEM fields and enrolling in engineering degrees continues to decline. How can we inspire more young people to become engineers? Generation Alpha (2 to 15 years old) is different. They believe in personalisation, sustainability, social justice and innovation. Hence, purpose-led and impact-driven learning (PLIDL) is well-positioned to inspire this Generation to become purposeful engineers. PLIDL is an educational approach that empowers learners to develop their life purpose and become capable and committed to tackling the complex challenges faced by humanity, making a positive impact on the world.

SPEAKER'S PROFILE

Dr. Thian Lok Boon, Pro Vice-Chancellor (Learning and Teaching) at Taylor's University, has over 18 years' experience in higher education leadership and innovation, plus 8 years as an engineer. She leads initiatives in curriculum innovation, e-learning, digital transformation, student development, and impact-driven education. Nationally, she has contributed to higher education strategic plans and quality assurance guidelines. She spearheaded award-winning projects like Taylor's Purpose-led Learning through Impact Labs, and transformative initiatives such as the Taylor's Curriculum Framework and Multidisciplinary Learning. Her research focuses on leadership, innovation, and education for sustainable development, empowering youth to create positive societal impact through purposeful learning.

PROGRAMME

TIME	DESCRIPTION
08:15 – 08:45 am	Registration of Participants
08:45 am	Arrival of Prestige Speaker, Dr. Thian Lok Boon
9.00 am	Welcome Speech by Chairman Engineering Education Technical Division, Ir. Ts. Dr. Dhakshyani Ratnadurai
09:05 am	Opening Speech by IEM President, Ir. Prof. Dr. Jeffrey Chiang Choong Luin
09:10 – 10:30 am	Prestige Lecture Series by Dr. Thian Lok Boon
10:30 – 11:00 am	Q & A Session
11:00 am	Presentation of Token of Appreciation

Ir. Ts. Dr. Dhakshyani Ratnadurai
Chairman
Engineering Education Technical Division
Session 2025/2026