PHYSICAL EVENT

# Pre-AGM Talk on The Transformative Potential of Re-Engineered Optical Fibers

**BEM CPD Approved : 2 Hours** **Ref. No.: IEM24/HQ/231/T**

## GUEST SPEAKER

***Ir. Dr Tan Sin Jin***

**Ir, Dr Tan Sin Jin** earned her Bachelor of Engineering from Universiti Teknologi Malaysia (UTM) in year 2006. Following her undergraduate studies, she embarked on a career in the semiconductor industry. She later advanced her education at Universiti Malaya (UM), obtaining both Master of Engineering and PhD. Currently, she serves as a Programme Leader for Bachelor of Electrical and Electronics Engineering with Honours at University of Wollongong Malaysia. Throughout her academic career, Ir. Dr Tan is actively involved in research projects focusing on photonics, communication systems, and signal processing projects

**Date: 20 July 2024, Saturday**
**Time: 09:00 AM - 11:00 AM**
**Venue: Auditorium Tan Sri Prof. Chin Fung Kee, Wisma IEM, Petaling Jaya, Selangor**

## Synopsis

Re-engineered optical fibers represent an innovative advancement in fiber optic technology, tailored to enhance performance and expand functionality beyond traditional uses. These fibers are modified through various techniques including changes to the core geometry, cladding design and surface coatings. The versatility of re-engineered optical fiber has paved the way for transformative applications from telecommunications to medical imaging, and environment monitoring. As we continue to harness the power of light for connectivity, these fibers will undoubtedly play a crucial role in future technology and in advancing towards a more sustainable world.

## REGISTER NOW

**Members**
Online: RM15
Walk In: RM20

**Non-Members**
Registration Fee: RM50
Administration Fee: RM20

Register Online
**www.myiem.org.my**

*Organised by*
**Seniors Special Interest Group**