An Event of IEM CONVENTION

Held Concurrently With: ENGINEER 3RD ENGINEERING EXHIBITION & CONFERENCE 2024, MALAYSIA

18 - 21 SEPT 2024
KL CONVENTION CENTRE, MALAYSIA

POWER TALK ON ADVANCED ENGINEERING DESIGN (CASE STUDY ON HANGAR DESIGN)

21 SEPTEMBER 2024
SATURDAY
LOUNGE 2, HALL 2, KLCC
(PHYSICAL)

2.00PM - 4:30 PM

03- 78900133

BEM CPD Approved Hours : APPLYING
CPD Ref Num : IEM24/HQ/XXX/T

Ms. Ng Mooi Fen

ABOUT THE SPEAKER:

Ng Mooi Fen is a highly skilled civil and structural engineer with over a decade of experience in designing and managing infrastructure, mixed-use developments, industrial, commercial, retail, healthcare, and residential projects. She has a strong background in project and construction management, overseeing the entire project lifecycle, including master planning, conceptual and detailed design, procurement, and construction supervision. Her experience also includes comprehensive knowledge of Building Information Modelling (BIM) process management. She is currently serving as the Principal Engineer, Civil & Structural, at WSP Engineering Malaysia Sdn. Bhd, a leading multidisciplinary engineering consulting firm. With over 13 years of experience working in both Malaysia and Singapore, she has worked across diverse sectors within the professional engineering industry, including General Building Construction, Transportation and Infrastructure, and Strategic Planning. Throughout her career, Ng Mooi Fen has successfully completed a wide array of engineering projects, demonstrating her expertise in designing, analysing, and implementing innovative solutions. Her expertise encompasses long-span structures, complex structures, and proficiency in using various engineering software. Mooi Fen holds a Bachelor's Degree in Civil Engineering from the University of Malaya and has been a member of the Board of Engineers Malaysia (BEM) since 2011.

SYNOPSIS :

The design and construction of wide-span hangars present a unique set of challenges that require an integrated approach to advancing the nation's engineering sector by integrating key areas of focus. Firstly, it highlights the commitment to driving engineering advancement, aiming to bolster technological and infrastructural progress within the country. This effort is coupled with a strong emphasis on environmental sustainability, ensuring that engineering practices contribute positively to ecological preservation and resource management. Additionally, the promotion of corporate social responsibility underscores the importance of ethical practices and community engagement in engineering projects. Lastly, the strategy includes enhancing the international profile of the Malaysian brand, positioning it as a leader in engineering innovation and sustainability on the global stage. Collectively, these initiatives aim to foster a robust engineering sector that aligns with both national interests and global standards.