

Recorded Webinar Talk on “Engineering Resilient Civilizations: Integrating AI, Blockchain, Connectivity, Data, and Ethics”

In Conjunction with World Engineering Day Celebration from 2nd March till 6th March 2026

Date : 2nd March 2026 (Monday)

Time : 9.00 am - 11.00 am

Platform : Zoom

Speaker : Mr. KOH HOW TZE

BEM Approved CPD Hours: 2

Ref No: IEM25/HQ/389/T (w)

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Biodata Speaker

Koh How Tze is an author, speaker, futurist, and strategic business & technology advisor to companies and governments. He advises organizations to improve their efficiency and performance strategically by using emerging technologies like Artificial Intelligence (AI), Blockchain, Computing, Big Data, etc., with underlying Ethical elements.

An entrepreneur with a Degree of Bachelor of Engineering (Computer) from the University of Technology Malaysia (UTM), Skudai, Johor, he has been serving business clients since the dinosaur age of the internet. He started his career as a system architect and programmer working on Web Based Retail Management System during an era where people were still using dial-up connections with 56k modems (the fastest at that time) to go “online.” He witnesses how the Information Communication Technology (ICT) industry progressed from the DOS-based system era to the modern cloud computing era, bringing about changes and progress to the world today.

His clients include start-ups, Small and Medium Enterprises (SMEs), Multi-National Companies (MNCs), charitable organizations, and government agencies. Throughout his 25 years+ career path (since 1997), with numerous project implementation and system management, he understands the ICT systems and their implications across multiple disciplines.

An advocate for sustainable developments, he is committed to the movement of ABCDE The World, which is building an AI-driven, Blockchain-based Cognitive resource management system powered by Data, Ethically. Being one of the beneficiaries of open source software ideology, he is willing to share wholeheartedly whatever experience and expertise deemed suitable for the right audience. He firmly believes that the best way to predict the future is to create it, and the best way to formulate the future is to connect the dots forward, consciously and strategically.

Synopsis

Modern civilization rests on infrastructure and systems that engineers design, build, and maintain. This session discusses the technical challenges and engineering responses in the areas of:

- Agriculture & Food Technology,
- Smart Education Tools,
- Clean Energy,
- Sustainable Buildings,
- Healthcare Access, and
- Entertainment / Recreational Infrastructure.

Participants will gain insights into how integrated engineering solutions can help future-proof society against climate, population, and resource challenges.

Jointly Organised by:

Information & Communications Technology Special Interest Group (ICTSIG), IEM &

Agricultural And Food Engineering Technical Division (AFETD), IEM