THE INSTITUTION OF ENGINEERS, MALAYSIA

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TALK ON "DESIGN OF SLENDER TALL BUILDINGS FOR WIND AND EARTHQUAKE"

Organise by the Civil and Structural Engineering Technical Division (CSETD)

BEM Approved CPD/PDP: 2 Hours **Ref No: IEM17/HQ/206/T**

Date	:	**05 September 2017 (Tuesday)**
Time	:	**05.30 p.m. – 7.30 p.m.**
Venue	:	**Auditorium Tan Sri Prof. Chin Fung Kee, 3rd Floor Wisma IEM, Petaling Jaya, Selangor**
Speaker	:	**DR. QURESHI JUNEID**

SYNOPSIS

Tall and slender buildings subject to wind seismic loads present complex engineering challenges since the structural demands are more pronounced than other building typologies. This presentation focused on some of the critical considerations for structural design of tall and slender buildings subjects to wind and seismic loads with emphasis on drift control, occupant comfort, robustness, staged constructions analysis, optimization and the limitations of prescriptive code provisions for seismic design. Case studies of some recent tall and slender buildings engineered by Meinhardt are also presented highlighting unique, and sometimes conflicting, challenges presented by wind and seismic loads and showcase innovative engineering solutions to address them.

SPEAKER BIODATA

Dr. Qureshi Juneid has over 28 years of experience in the planning, design and construction of a wide range of building and infrastructure projects specializing in tall and complex buildings.

As the lead design engineer for many of the major and complex projects undertaken by Meinhardt in the last 20 years, he has been responsible for structural concept designs, overseeing detail design and overall coordination of multi-disciplinary professional teams and supervising the projects during construction.

The projects led by Dr. Qureshi include some of the landmark projects in the South East Asia and Middle East region, such as the Hammad International Airport Expansion (Doha), KL 118 (Kuala Lumpur), Four Seasons Place (Kuala Lumpur), Thamrin Nine (Jakarta), The Marina Bay Financial Centre (Singapore), The Sail @ Marina Bay (Singapore), One Raffles Quay (Singapore) and One Raffles Link (Singapore).

As joint Managing Director of the Civil & Structural Division of Meinhardt (S) Pte Ltd, Dr. Qureshi is responsible for the management, technical and commercial performance and strategic business expansion of the Division. As Director of the Meinhardt Group Structural Design, Dr. Qureshi works closely with other group offices to provide technical review and input to major and strategic projects undertaken by the Meinhardt Group.

Dr. Qureshi is regularly invited to speak at local and regional conferences and has authored several technical publications.

ANNOUNCEMENT TO NOTE

- **Non-members may also attend the talk but will need to pay a registration fee of RM50 and an administrative fee of RM15. GST is inclusive.**
- Limited seats are available on a "first come first served" basis (maximum 100 participants). **To secure your seat, kindly register online at www.myiem.org.my**

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