



ONE DAY SEMINAR ON CONCRETE STRUCTURAL INSPECTION

by Ir. Tu Yong Eng, Ir. Mun Yew Fai &
Ir. Prof. Dr. Raizal Saifulnaz Muhammad
Rashid



DATE : 06 MAY 2024 (MONDAY)
PLATFORM :PHYSICAL
PHYSICAL - AUDITORIUM MALAKOFF,
GROUND FLOOR, WISMA IEM, PETALING
JAYA.

TIME : 9.00 A.M. - 5.00 P.M.

CPD HOURS : 07 HOURS

CPD REF NUMBER : IEM24/HQ/117/S

Email : shamalah@iem.org.my

Tel : 03-78900133

REGISTER NOW!!
LIMITED TO 120 SEATS
ONLY!!

CLOSING DATE : 03 MAY 2024

Cancellation Policy

No cancellation will be accepted prior to the date of the event. However, replacement or substitute may be made at any time with 7 days prior notification and substitute will be charged according to membership status.

SPEAKERS:



Ir. Tu Yong Eng

Ir. Tu Yong Eng is a professional engineer with a practicing certificate, and experience in civil and structural work, geotechnical, forensic engineering as well as project management. He has carried out extensive structural works including high-rise buildings and bridges. He is also an HRDF registered trainer (TTT certificate No. 9555). He has successfully carried out many courses in the industry and Universities. He has also published numerous papers in IEM Bulletin, conferences and journals. In IEM, he is a Council member and Excomm Member. He is also serving the IEM C & S Engineering Technical Division, Infopub Standing Committee, and Professional Practice Standing Committee. He is also chairing the IEM Malaysian Standards drafting and Forensic Engineering sub-committee. He is also actively involved in the Malaysian Standard Drafting Committee (National Standard Committee, Technical Committee, and Working Group) including Loading (MS EN 1991-1-6, 1991-2), concrete (MS EN 1992-1-1, 1992-2, Ultra High-Performance Concrete), steel (MS EN 1993, MS EN 10025), glass, seismic (MS EN 1998-1), Composite bridges (EN 1994-2), Construction practices and wind codes in Department of Standards, Malaysia.



Ir. Mun Yew Fai

Ir. Mun Yew Fai, graduated from University Malaya in 2008 with a B. Eng. in the field of Civil Engineering. He has more than 15 years' experience in construction industry. He is a registered ASEAN Chartered Professional Engineer in the discipline of Civil Engineering, and registered Professional Engineer with BEM. He is the 2023/2024 Civil and Structural Technical Division committee member at The Institution of Engineers Malaysia. Started career as structural engineer, he involved in the planning, detailed design and execution of mixed-use development, residential and commercial projects under consultant firm T. Y. Lin International Sdn. Bhd. He has been working in Hilti Malaysia since 2018 on engineering and technical support, especially on fastening technology, i.e. post installed anchors and rebars. In 2022, he was promoted to Field Engineer Manager, leading Field Engineers to provide technical support and solutions to consultants and contractors for post installed anchor, post installed rebar and firestop system. He is also leading Testing Engineers providing anchor on-site testing services for contractors. Started from this year, he is appointed as Codes and Approval Manager to drive the code, design and specification process in developing standards and specifications on fastening technology and passive fire protection for construction industry stakeholders.



Ir. Prof. Dr. Raizal Saifulnaz Muhammad Rashid

Ir. Prof. Dr. Raizal Saifulnaz Muhammad Rashid is a Professor at the Department of Civil Engineering, Universiti Putra Malaysia (UPM). He started his carrier as Resident Engineer at EDP Consultant in 1999. On December 1999, he was appointed as Engineer at the UPM. He began his career as a lecturer of UPM since 2008 after receiving Doctor of Philosophy (PhD) from The University of Adelaide, Australia and has been located at the Department of Civil Engineering. He was appointed as Senior Lecturer and Associate Professor in 2009 and 2014 respectively. In 2021 he was promoted to full Professor. He has served as the department Head of Department since 2014 to 2019. He is a registered Professional Engineer with Practicing Certificate with the Board of Engineers Malaysia (BEM) and a ASEAN Chartered Professional Engineer. He actively teaches in several core Structural Engineering Course such as Tall Building, Bridge and Assessment & Rehabilitation of Structures for undergraduate and postgraduate programme. His area of interest in research is reinforced concrete Structures and Strengthening of Reinforced Concrete Structures using Fiber Reinforced Polymer (FRP). As a main researcher, he has been granted research grant and as co-researcher for more than RM 1 million. Many of his publications have been published in journal Quartile 1 (Q1), Quartile 2 (Q2) and Scopus Index. He is widely involve with industry for consultations and professional works including with Jabatan Kerja Raya (JKR), Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB), SIRIM Berhad and Department of Standard Malaysia (DSM). Currently, he is also actively engaged with DSM as standards committee in ndustry Standard Committees developing guideline for Building, Construction and Civil Engineering.

SYNOPSIS:

In this informative seminar, participants delve into the critical aspects of concrete structural inspection, gaining essential knowledge and skills for ensuring the safety, durability, and functionality of concrete structures. Through a comprehensive exploration of inspection techniques, attendees learn to assess various types of concrete structures, including buildings, bridges, dams, and highways, identifying common defects such as cracks, spalling, and corrosion. The seminar covers key principles of concrete composition, construction methods, and environmental factors impacting structural integrity, empowering participants to conduct thorough inspections and recommend appropriate maintenance and repair strategies. Expert speakers share real-world case studies and best practices, offering valuable insights into regulatory compliance, risk assessment, and quality assurance in concrete construction. By the end of the seminar, attendees emerge equipped with the expertise to enhance the reliability and longevity of concrete structures, contributing to safer and more resilient built environments.

PROGRAM OUTLINE

Time	Itinerary
8.30am - 9.00am	Registration & Breakfast
9.00am - 9.05am	Welcome address by CSETD Chairman
9.05am - 10.30am	Part 1 - Structural quality control to EN 1992-1-1, EN 206, and EN 10080 (BS 4449) by Ir. Tu Yong Eng
10.30am - 10.45am	Q&A - Part 1
10.45am - 11.00am	Morning tea break
11.00am - 12.30pm	Part 2 - Introduction to structural assessment in accordance with EN 13791 by Ir. Mun Yew Fai
12.30pm - 12.40pm	Q&A - Part 2
12.40pm - 1.30pm	Lunch
1.30pm - 3.00pm	Part 3 - Non-destructive tests in accordance with EN 12504-1 and EN 12504-2 by Ir. Prof. Dr. Raizal Saifulnaz Muhammad Rashid
3.00pm - 3.10pm	Q&A - Part 3
3.10pm - 3.30pm	Evening Tea Break
3.30pm - 5.00pm	Part 4 - Case studies by Ir. Tu Yong Eng
5.00pm - 5.10pm	Q&A Part 4
5.10pm - 5.30pm	Token of appreciation to speakers & End of Session

REGISTRATION FORM



ONE DAY SEMINAR ON CONCRETE STRUCTURAL INSPECTION PHYSICAL)
06 MAY2024 (MONDAY)

Email : shamalah@iem.org.my Tel : 03-78900133

REGISTRATION FEE'S (subject to 8% SST)			
		ONLINE FEE (RM)	NORMAL FEE (via email / walk in) (RM)
IEM Student Members		170.00	220.00
IEM Graduate Members		300.00	350.00
IEM Corporate Members		450.00	500.00
Non-IEM Members (None of the Above)		800.00	900.00

No	Name(s)	Membership No.	Grade	Fee (RM)*
SUB TOTAL				
(PLEASE ADD) + SST 8%				
TOTAL PAYABLE				

"IEM reserves the right to alter or cancel the programme due to unforeseen circumstances at its discretion".
IEM SHALL NOT be responsible for any direct or consequential losses".

For further details, kindly contact:
The Institution of Engineers, Malaysia
Bangunan Ingenieur, Lots 60/62, Jalan 52/4, P.O. Box 223 (Jalan Sultan), 46720 Petaling Jaya, Selangor
Tel: 603-78900133

Email : shamalah@iem.org.my

REGISTRATION FORM



Cash RM _____

Cheque no. _____ for the amount of RM _____ (non refundable)
payable to "The Institution of Engineers, Malaysia" and crossed as a/c
payee only

FULL PAYMENT must be settled before commencement of the seminar, otherwise participants will not be allowed to enter the hall. If a place is reserved and the intended participant fails to attend the course, the fee is to be settled in full. If the participant failed to attend the course, the fee paid is non refundable. The Registration Fee includes lecture notes, refreshment and lunch (whichever available).

For ONLINE REGISTRATIONS, please note that payment MUST be made BEFORE the closing date. If payment is not received within the stipulated time, the registration fee will be reverted to the normal registration fee.

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06 MAY2024 (MONDAY)

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Chairman, Civil & Structural Engineering Technical Division (CSETD),

We would like to place an advertisement in the EVENT BOOKLET of ONE DAY SEMINAR ON CONCRETE STRUCTURAL INSPECTION (06 MAY 2024) as indicated below and attach herewith cheque no. for the sum of RM made payable to "THE INSTITUTION OF ENGINEERS, MALAYSIA" being our booking fees:-

Tick (✓)	Location	Adv rate	Complimentary Participant Seat	Promotion Table @ Registration Foyer Only
	Outside Back Page (Colour)	RM 6,000.00	3 seats	1 table 2 chairs
	Inside Front Page (Colour)	RM 4,500.00	2 seats	1 table 2 chairs
	Inside Back Page (Colour)	RM 4,500.00	2 seats	1 table 2 chairs
	Inside Run of Page (Colour)	RM 2,500.00	1 seats	nil

PAYMENT DETAILS

- Account Name : THE INSTITUTION OF ENGINEERS, MALAYSIA
- Account Number : 232-303-911-0
- Bank Name : UNITED OVERSEAS BANK (UOB)
- Bank Address : NO 2-6, JALAN TENGAH, 46200 PETALING JAYA, SELANGOR
- Swift Code : UOVBMK1025
- Email Address for Receiving Remittance Advise : finance@iem.org.my/shamalah@iem.org.my

CONTACT INFO

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