



2-Days Hybrid Course On Technical Knowledge On Industrial Concrete Floors

By

Ir. Dr. Anizahyati Alisibramulisi

She is the CSETD Deputy Chairman for session 2025/2026

The Civil and Structural Engineering Technical Division (CSETD) successfully organised a two-day hybrid Course on 29-30th July 2025, titled “Technical Knowledge on Industrial Concrete Floors”. The event was held at Malakoff Auditorium, Wisma IEM and chaired by Ir. Dr. Anizahyati Alisibramulisi and Ir Lo Seng Ling. The seminar has recorded attendances of close to 70 participants (40 online and 30 physical). Attendees comprised professionals from diverse industry backgrounds, including practicing consultants, contractors, academicians, and developers. The first day was delivered by Dr. Zack Lim Eng Hock from Zacklim Flat Floor Specialist, sharing his knowledge and experience on industrial concrete floors. Some of the topics covered; Types of floor specifications (What is flatness and levelness and their importance, What are the types of international floor standards, How to select the right floor specification, Can super flat floors be built on elevated slabs, Your client’s expectation of a good concrete floor), How to build concrete floors successfully (What are the factors to consider when building a super flat floor, slab-on-grade/ground, Slab-on- piles, Elevated slabs, Post-tensioned slabs), Joints on slab (What is the purpose of joints, What are the types of floors joint, Dilemmas in floor joints, Case studies on why floor joints failed), Importance of floor finishes, floor cracks and floor distress/defects and how to avoid it.

Followed by the second day, Dr. Yeo Shih Horng from YSH Concrete Technology Sdn Bhd has shared on understanding concrete knowledge related to industrial floor slab. The topic covered includes; Fundamental knowledge of concrete components for floor slab, Importance of concrete mix design for floor slab (the right mix proportion), Understanding of batching concrete using Ordinary Portland Cement, pulverised fly ash, slag, waterproofing admixture and shrinkage compensating admixture, Challenges of obtaining good and consistent concrete, and answering question of whether more cement or higher- grade concrete better. These two days course was an engaging session with active participation from the participants, an exchange of ideas and knowledge during the presentation as well as during Q&A session. The seminar was concluded with CSETD Deputy Chairman, Ir. Dr Anizahyati and Ir Lo Seng Ling presenting the token of appreciation to both esteemed speakers.





Photos taken during the event and token of appreciation given to speaker



2 Days HYBRID course on "Technical Knowledge on Industrial Concrete Floors".

Organised By:

Civil & Structural Engineering Technical Division, IEM

COURSE DETAILS

Approved

Ref No : 10001561534



DATE

29th July - 30th July 2025



TIME

9am - 5.30pm



VENUE

Malakoff Auditorium
Ground Floor, Wisma IEM, PJ
& ZOOM - Virtual Platform

Speakers



Dr. Zack Lim Eng Hock



Dr. Yeo Shih Horng