

Implementation of conceive-design-implement-operate (CDIO™) framework for Chemical Engineering challenges

Organised by the Chemical Engineering Technical Division, IEM

BEM Approved CPD/PDP Hours: 2 Ref No: IEM17/HQ/236/T

Date: 26 July 2017 (Wednesday)
Time: 5.30 pm – 7.30 pm
Venue: C & S / TUS Room, 2nd Floor, Wisma IEM
Speaker: Ir. Dr Chong Chien Hwa

SYNOPSIS

The conceive – design – implement – operate (CDIO™) framework is implemented by educators to generate graduates, who are able to tackle complex engineering challenges. A set of 12 standards define this framework and how to implement it are useful for chemical engineers. Chemical engineers from the industry will be able to develop sustainable solutions using the structured framework. Several chemical engineering innovative projects are completed using the CDIO™ framework will be shared during the talk.

BIODATA OF SPEAKER



Ir. Dr. Chong obtained his BEng (Hons) Chemical Engineering (Universiti Teknologi Malaysia) in 2007 and PhD in Engineering from University of Nottingham. He also is a Chartered Engineer in UK and a Professional Engineer of Board of Engineers, Malaysia. He received President Award of Excellent from IEM for four consecutive years from 2013 to 2016. He also bagged the prestigious Vice Chancellor's Award as 'Taylor's Most Cited Academic 2015'. His scholarly activities encompass leading research projects, spearheading academic collaboration with leading academic institution both in Malaysia and in the world. In his brief academic career, he published more than 50 international journals, conferences papers, technical bulletin/proceedings and book chapters. He is one of the CDIO™ leaders in Asia Region. His academic research interest is in the area of drying technology, energy, health and engineering education.

ANNOUNCEMENTS 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.

ADMINISTRATIVE FEE

Kindly be informed that an administrative fee of RM15 is payable for talks organized by IEM. GST is inclusive. Student Members are however exempted.

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Ir. Dr Lee Tin Sin
Chairman
Chemical Engineering Technical Division, IEM