



THE INSTITUTION OF ENGINEERS, MALAYSIA

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Talk on “Service Learning in Engineering Education”

Jointly organized by Engineering Education Technical Division, IEM,
IMechE Malaysia Branch & Engineers Australia Malaysia Chapter
BEM Approved CPD/PDP Hours: 2 Ref No: IEM14/HQ/276/T

Date : **06th September 2014 (Saturday)**
Time : **9.30 am – 11.00 am** (*Refreshments will be served at 8.30 am*)
Venue : **Auditorium Tan Sri Prof. Chin Fung Kee, 3rd Floor**
Wisma IEM, Petaling Jaya
Speaker: **Ir.Dr. Faris Tarlochan**

SYNOPSIS

Most Institutions of Higher Learning (IHL) are adopting the philosophy of Outcome Based Education. For engineering programs, especially those accredited by ABET and countries who are signatories of the Washington Accord, are required to fulfil certain Program Outcomes. Some of these outcomes relate to the impact of the engineering solutions in terms of economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability. Although most institutions have adopted some course activities to address these concerns, in general these efforts are done in silos and not in a holistic manner at the institutional level. The objective of the talk is to share the concept of service learning in engineering education and how this method can be used to attain certain of the program outcomes in a more holistic manner.

BIODATA OF SPEAKER



Dr. Faris Tarlochan is an Associate Professor and is currently the Program Coordinator for the Mechanical Engineering Program in Qatar University where the program received ABET accreditation. He is a chartered Engineer and Professional Engineer registered with the Engineering Council of United Kingdom and Board of Engineers Malaysia respectively. He is a member of the American Society of Mechanical Engineers (ASME) and of the Institution of Mechanical Engineers UK. Faris was also the Chairman for the Engineering Education Technical division of the Institution of Engineers Malaysia. He has served as an external Examiner for Mechanical Engineering Programs in Malaysia and as a panel evaluator for the Malaysia Engineering Accreditation Council. He also sits on the editorial board for some international journals

Ir Assoc. Prof. Dr. Vinesh Thiruchelvam
Chairman
Engineering Education Technical Division, IEM

ANNOUNCEMENTS TO NOTE:

- Talk is for IEM members only (**pre-registration and online registration are NOT required**) (**telephone and/or fax reservation will NOT be entertained**)
 - Non members may also attend the talk and will be charged a registration fee of **RM50** and an administrative fee of **RM10**.
 - For affiliate members, there will be no registration fee. However, they are requested to produce their membership card as proof of membership. For the list of affiliates, please refer www.myiem.org.my/content/memorandum_of_understanding-469.aspx.
 - Limited seats available on a "first come first served" basis (maximum 110 participants).
 - IEM members are required to produce your membership cards for confirmation of attendance (CPD purpose).
 - Latecomers will not be allowed to enter if the lecture hall is full nor be entitled to CPD.
- IEM members who fail to produce their membership cards will be charged a fee of RM20.00.***

FUNDS FOR IEM BUILDING FUND (WISMA IEM)

- Kindly be informed that IEM will be charging participants RM10.00 administrative fee for talks organized by IEM.
- The fee would be used for overhead costs, building maintenance expenses as well as to support the purchase of the new building.
- All contributions will be deeply appreciated by IEM
- Students are however exempted.
Your understanding is greatly appreciated.

CPD HOURS CONFIRMATION

Name:

Membership No:

Signature: