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BEM APPROVED
 CPD/PDP Hours: 13 hours
 Ref. No: IEM15/HQ/356/W



Organized by:
 Engineering Education Technical Division, IEM
 Jointly Organized by:
 Universiti Teknologi Malaysia (UTM)

TWO-DAY WORKSHOP ON DEVELOPING AND SUPPORTING TEAM-BASED LEARNING THROUGH COOPERATIVE LEARNING

By:
 Dr. Khairiyah Md Yusof
 Dr. Syed Ahmad Helmi Syed Hassan

29th & 30th October 2015
 9.00am – 5.30pm

Venue:
 TAN SRI PROF. CHIN FUNG KEE AUDITORIUM,
 3RD FLOOR, WISMA IEM

REGISTRATION:

Name(s)	IEM M'ship No. / Grade	Fees (RM)
	SUB TOTAL	
	ADD GST @ 6%	
	TOTAL PAYABLE	

Company: _____

Address: _____

Mobile: _____ Tel(O): _____ Fax: _____

E-mail: _____

(Please write clearly as the "Confirmation Notification" will be sent via email)

Contact Person: _____ Designation: _____

Signature: _____ Date: _____

PAYMENT DETAILS

Cash RM _____

Cheque no. _____ for the amount of RM _____
 (non-refundable) and made payable to "" and crossed 'A/C Payee Only'.

Terms & Conditions:

- For ONLINE REGISTRATIONS, only ONLINE PAYMENT is applicable [via Credit Card]
- Payment via CASH / CHEQUE / BANK-IN TRANSMISSION / BANK DRAFT / MONEY ORDER / POSTAL ORDER / LO / WALK -IN will be considered as NORMAL REGISTRATION
- For online registrations, please note that **payment MUST be made on registration.**
- **FULL PAYMENT** must be settled before commencement of the course, otherwise participants will not be allowed to enter the hall. If a place is reserved and the intended participants fail 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. Registration fee includes lecture notes, refreshment and lunches.
- The Organising Committee reserves the right to cancel, alter, or change the program due to unforeseen circumstances. Every effort will be made to inform the registered participants of any changes. In view of the limited places available, intending participants are advised to send their registrations as early as possible so as to avoid disappointment.

WHO SHOULD ATTEND?

Attendees should be - Academicians, Researchers, Ministry of Education personnel and Educators.

REGISTRATION FEE (GST NOT INCLUDED)

Member Type	Online Rate (RM)	Normal Rate (RM)
IEM Student Member	150.00	200.00
IEM Graduate Member + SEEM & CEM Members	350.00	400.00
IEM Corporate Member	500.00	550.00
Non IEM Member	700.00	750.00

GST is implemented effective 1 April 2015

FEES COVER

- Course notes
- Refreshment (1 lunch & 2 break)
- Certificate of attendance (CPD & CCD)

SYNOPSIS

In this workshop, participants will learn how to form and support students in developing team-working skills and learn together in their teams in a typical classroom based on the principles of Cooperative Learning (CL). Participants will also learn how to design effective learning environments (including projects) with the necessary scaffolding and assessment. Practical implementation aspects as well as tips and pitfalls to avoid will be shared by facilitators who are practitioners of the approach for more than ten years.

This workshop imparts an overall view of conducting student centered learning (SCL) in classes, which can be used to fulfil the requirements of Outcome-based Education (OBE), to lecturers or trainers. This is the second workshop of four parts on effective implementation of SCL techniques. As a follow-up to Part 1, more elegant formal cooperative learning techniques, as well as when and how to use them to form learning teams among students, will be discussed.

Learning outcomes:-

By the end of this workshop, participants will be able to:

1. form and support development of learning teams in classrooms
2. explain and use the 5 principles of cooperative learning to develop learning teams
3. explain a formal cooperative learning structure
4. design and plan learning environments that support the development of learning teams

TENTATIVE PROGRAMME

TIME	DAY 1	DAY 2
8.30am – 9.00am	Registration	
9.00am – 10.30am	Introduction	Design of learning environment to develop learning teams
10.30am – 10.45am		Tea Break
10.45am – 1.00pm	Team Formation and Dynamics	Supporting and monitoring student teams
1.00pm – 2.00pm		Lunch
2.00pm – 4.30pm	Formal Cooperative Learning (CL) Principles and Structures	Workshop on designing & planning learning environment using CL
4.30pm – 5.00pm	Closure & Reflection	Closure & Reflection

*Participants are advised to bring their course outline/file that they would like to implement team-based learning so that they can design and plan for an actual course during the workshop.

** Participants who had attended the workshop on "Effective implementation of SCL techniques for OBE, Part 1: Active Learning" are encouraged to bring their notes from the workshop.

BIODATA OF SPEAKERS



Dr. Khairiyah Mohd-Yusof is the Director of Universiti Teknologi Malaysia Centre for Engineering Education (CEE), which promotes meaningful research and scholarly practices in engineering education. She obtained her PhD in Chemical Engineering from the University of Waterloo, Canada. She is the Vice President for Asia and Oceania for the International Federation of Engineering Education Societies (IFEES), the Secretary for the Society of Engineering Education Malaysia (SEEM), and board member for the International Research in Engineering Education Network (REEN). A Master Trainer for the Higher Education Leadership Academy (AKEPT) under the Malaysian Ministry of Higher Education, she has been an invited speaker in various engineering education conferences and workshops in Asia, Europe and North America. Her engineering education research focuses on innovative teaching and learning practices, curriculum design, faculty development, talent pipeline and Engineering Education for Sustainable Development. Currently, Dr. Khairiyah is in the Editorial Boards of the Journal of Engineering Education, ASEAN Journal of Engineering Education, IChemE Journal of Education for Chemical Engineers, European Journal of Engineering Education and the Journal of PBL in Higher Education.



Dr. Syed Ahmad Helmi is a senior lecturer in the Faculty of Mechanical Engineering, Universiti Teknologi Malaysia (UTM), and is affiliated to the UTM Regional Centre for Engineering Education. He is currently the Graduate Programme Coordinator for the Department of Industrial and Manufacturing Engineering. He has a Bachelor of Science in Mechanical Engineering and a Master in Mechanical – Advanced Manufacturing Technology, and a PhD in Engineering Education. Prior to joining UTM, he had worked as an engineer in various industries, such as Intel and Sime Darby. He is among the first cohort of graduates of the PhD in Engineering Education program from UTM. Dr. Syed Helmi was one of the plenary speakers at the inaugural ASEE International Forum in June 2012 in San Antonio, Texas, USA, an invited speaker at the SSKU Hub Centre for Innovative Engineering Education Workshop in January 2013 in Jeju Island, Korea, and won the best paper award at the 2011 IEEE Global Engineering Education Conference in Amman, Jordan. His research areas are problem solving in engineering, manufacturing systems and optimization, and facilities design and planning.

CANCELLATION POLICY

IEM reserves the right to postpone, reschedule, allocate or cancel the course. Full refund less 30% if cancellation is received in writing more than 7 days before start date of the event. No cancellation will be accepted prior to the date of the event. However, replacement or substitute may be made at any time with prior notification and substitute will be charged according to membership status.

PERSONAL DATA PROTECTION ACT

I have read and understood the IEM's Personal Data Protection Notice published on IEM's website at <http://www.myiem.org.my> and I agree to IEM's use and processing of my personal data as set out in the said notice.