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REGISTRATION FORM

Outstanding Engineers Luncheon
28 MAY 2016 at Armada Hotel, Petaling Jaya, Selangor

No	Name(s)	M'ship No.	Grade	Fee (RM)*
		Add 6 % GST		
Total Payable				

***Fees MUST be fully paid A WEEK BEFORE the commencement of the event. Bookings by fax from outstations MUST be forwarded with payments at least A WEEK BEFORE the day of the event. Seats could only be confirmed upon payment.**

Enclosed herewith a crossed cheque No: _____ for the sum of RM _____ issued in favour of "**The Institution of Engineers, Malaysia**" and crossed 'A/C payee only'. I/We understand that the fee is not refundable if I/We withdraw after my/our application is accepted by the Organising Committee as stated in the **cancellation term**. If I/We fail to attend the seminar, the paid registration fee will not be refunded.

Contact Person: _____ Designation: _____

Name of Organization: _____

Address: _____

Telephone No.: _____ (O) _____ (Fax)

_____ (H) _____ (HP)

Email: _____

Signature & Stamp

Date

Photocopies are acceptable



The Institution of Engineers, Malaysia

Outstanding Engineers Luncheon

Organized By:

Women Engineers Section, IEM

Date : 28 May 2016 (Saturday)
Venue : Armada Hotel, Petaling Jaya, Selangor
Time : 8.30 am – 1:30 pm

Welcome Tea + Tea-Break + Buffet Lunch

BEM Approved CPD Hours = 3.5
Ref. No: IEM16/HQ/135/F

Registration Fee (GST NOT INCLUDED)

	<u>Online</u>	<u>Normal</u>
IEM Student Members	: RM80.00	RM 100.00
IEM Graduate Members	: RM150.00	RM 180.00
IEM Corporate Members	: RM250.00	RM 300.00
Non IEM Members	: RM350.00	RM 400.00

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.

Synopsis

Driving the BIM Agenda in the Construction Landscape - Ir. Sharifah Azlina Raja Kamal, FIEM, P.Eng., MCIHT

Are we behind in the Building Information Modeling (BIM) implementation? What do we need to do to catch up? This talk gives an insight into the initiatives taken to promote sustainable environment for BIM to thrive in our local construction industry. It also imparts on the experience attained in rendering the BIM services both at the local and international markets.

Corrosion Protection for Pipelines - Madam Michelle Lau

Focus on the types and importance of corrosion protection for pipelines; internal and external corrosion, its mitigation methods and practices of the industry.

Computer Aided Diagnostic in Medicine - Assoc. Prof Dr Norliza Mohd Noor

Image analysis and image processing has proven to be very beneficial in biomedical imaging. With the vast tools, techniques and algorithms developed by researchers such as deep learning, machine learning, and neural network, computer aided diagnostics systems developed received lukewarm response from medical practitioner in Malaysia. The talk will discuss on some of the problems and difficulty face by researchers in Malaysia.

Wastewater Treatment for Environmental Protection - Ir. Jama'iatul Lailah Jalis

To address the importance of wastewater treatment and the associated requirements based on local regulations to ensure its compliance for environmental protection.

Advancements in Electronics Technology- Ir. Mah Siew Kien

Leveraging new technological advancements is no longer optional today in the era of globalization. New product transfers from developed countries to Malaysia have contributed vastly to the rapid development of electronics industry here. The presentation focuses on the changes, challenges and recent advancements in a fast growth industry with rapidly changing technologies and short product life cycles.

"Bridging the Industry-Academia Gap" – Ir. Assoc. Professor Hayati Abdullah

An important aspect of engineering education is the connection between knowledge and 'real-world' problems. This is where the role of professional engineers in the academia is essential in preparing students for the 'real world' of engineering. Thus, professional engineers in the academia play an important role in bridging the industry-academia gap as they can provide distinctive perspective and skills, access to networks, and knowledge which are vital to the success of an industry-academic partnership. In this talk, the speaker will share her experiences as a professional engineer in the academia and how her passion for both worlds resulted in the convergence of engineering practice and academia.

Slope Stabilization – A case study - Ir. Raftah Mahfar

Stabilization of landslides and unstable slopes is a significant challenge to Geotechnical Engineers. Slope Stabilization works is unique as it required an evaluation in term of geology and geotechnical engineering study. The slope stability will decreases with increasing slope angle. Under ground water plays a major role in slope failure as it will increase the driving force by filling previously empty pore spaces and fractures, adding to the total weight of the subsoil. Increased of pore water pressure in slope can also decrease the shear strength of the slope material. Chemical weathering slowly weakens slope material, reducing its shear strength, thus reducing resisting forces.

About The Outstanding Speakers

1. Ir. Sharifah Azlina Raja Kamal, a Professional Engineer with Practicing Certificate with BEM has over 26 years of experience as a Civil Engineer. She is the Chief Operating Officer of HSS Engineering Sdn. Bhd. and BIM Global Ventures Sdn. Bhd. A Fellow of the Institution of Engineers, Malaysia (FIEM), a member of the Chartered Institution of Highways and Transportation, UK (MCIHT), a member of the Project Management Institute, USA, she is also a council member of the Building Smart Malaysia, driving the BIM agenda in the local engineering and construction landscape.
2. Madam Michelle Lau is a NACE International certified Cathodic Protection Specialist and General Manager of Mach3 Engineering Sdn Bhd. She graduated in Materials Engineering from Monash University, Australia and has pursued a career in the field of Cathodic Protection for the past 19 years.
3. Ir. Jama'iatul Lailah is a qualified Professional Engineer with Practicing Certificate in Chemical Engineering with over 14 years of working experience in the water and wastewater industry. She is currently a Director of JIL Engineering Consult Sdn. Bhd.. Prior to that, she had been with Indah Water Sdn. Bhd., a national sewerage company and Suruhanjaya Perkhidmatan Air Negara (SPAN).

4. Assoc. Prof Dr Norliza Mohd Noor obtained her PhD (Electrical Engineering) from UTM. Her research area is in image processing and image analysis. Her current work concentrates on medical image analysis for lung diseases. She has published many papers in journals and in indexed conference proceedings, and has published one academic book and two book chapters. She is the founding chapter chair for IEEE Signal Processing Society Malaysia Chapter in 2002 and she held the position till 2006. She was elected as the IEEE Malaysia Section Chair for two years 2013-2014, and currently she is the IEEE R10 Individual Benefits and Services Coordinator and MGA Geographic Unit Operations Support Committee – Technical Chapter Representative.

5. Ir. Mah Siew Kien, a Professional Engineer with Board of Engineers (BEM), Malaysia has over 14 years of working experience spanning both industry and academia. Over the course of her career, she has been involved in various development and project management activities in the areas of New Product Transfer and Introduction during her career at Venture Electronics (M) Sdn Bhd, a leading global provider of technology services, products and solutions. She had worked as a Project Manager at The eCEOs Sdn Bhd, managing asset integrity review in oil and gas industry, where she gained her experience working offshore. She graduated in Electrical, Electronic & Systems Engineering from Universiti Kebangsaan Malaysia and is currently the Hon. Secretary of IEM Women Engineers Section, The Institution of Engineers, Malaysia (IEM). She is currently a Principal Lecturer in Nilai University, pursuing her passion in teaching.

6. Ir. Assoc. Professor Hayati Abdullah is currently the Chairman of IEM (Southern Branch) and a Council Member of IEM. She is also a Board Member of the Board of Engineers Malaysia (BEM). She currently serves as the Alternate Chairman of the Examination & Qualification Committee of BEM. She is a Fellow of IEM and a Fellow of IMarEST (UK). Ir. Hayati specializes in the area of Thermodynamics. She was trained in Energy Management in Sweden and is a Certified Energy Manager. She received the National Academic Award for Teaching of Engineering in 2010 and the IEM Woman Engineer Award in 2015. Ir. Hayati is currently the Director for the Centre of Teaching & Learning, UTM Academic Leadership (UTMLead), Universiti Teknologi Malaysia.

7. Ir. Raftah is a Professional Engineer with Practicing Certificate with the Board of Engineers, Malaysia (BEM). She is also an Interviewer and Reviewer for IEM's Professional Engineer Interview. She is currently a Director of SCG Consultants Sdn. Bhd., a Structural, Civil, Infrastructure, Geotechnical and Railway engineering Consultants. She holds a Degree in Civil Engineering from Universiti Teknologi Malaysia (1985) and Master of Science in Civil & Structural Engineering from Universiti Kebangsaan Malaysia (1990).

Course Schedule & Outline

08:30 - 09:00	Registration & Welcome Tea
09:00 - 09:10	Opening Speech - Ir. Norhadziana binti Jamal, Ir. Lim Lea Pieng Opus International (M) Berhad, Ace Vector Sdn Bhd
09:10 - 09:40	Ir. Sharifah Azlina Raja Kamal – COO HSS Engineering Sdn. Bhd Driving the BIM Agenda in the Construction Landscape
09:40 - 10:00	Madam Michelle Lau - General Manager of Mach3 Engineering Sdn Bhd Corrosion Protection for Pipelines
10:00 - 10:20	Assoc. Prof Dr. Norliza Mohd Noor – IEEE Malaysia Immediate Past Chairman Computer Aided Diagnostic in Medicine
10:20 - 10:40	Ir. Jama'iatul Lailah Jalis - Director of JIL Engineering Consult Sdn. Bhd Wastewater Treatment for Environmental Protection
10:40 - 11:00	Tea Break
11:00 - 11:20	Ir. Mah Siew Kien - Nilai University/ Project Manager of eCEOs Sdn Bhd Advancements in Electronics Technology
11:20 - 11:40	Ir. Raftah - Director of SCG Consultants Sdn. Bhd Slope Stabilization – A case study
11:40 - 12:00	Ir. Assoc. Professor Hayati Abdullah – Director, UTM Academic Leadership, UTM Bridging the Industry-Academia Gap
12:00 - 12:20	Winner for Gender Equality Essay Writing Competition
12:20 – 01.00	Dr. Habibah Haron, Ir. Assoc Prof. Leong Wai Yie – Professional Session Master Project Coordinator, IEM WE Chairman
	Buffet Lunch