

REGISTRATION FORM

THE 3RD CHIAM TEONG TEE MEMORIAL LECTURE

SATURDAY, 23RD MARCH 2019

FOR INQUIRY PLEASE CALL +03-7931 5296

Email: rufina@iemasb.com / iemacademy1@gmail.com Website: www.iemasb.com

Name(s)	Mobile No.	Membership No. / Grade	Fees (MYR)
Total Amount Payable (Including GST = 0%):			

Company: _____

Address: _____

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

E-mail: _____

(Please write clearly as the Confirmation & Update will be sent via email to participants)

Contact Person: _____ Designation: _____

Signature: _____ Date: _____

Terms & Conditions

- ✓ We wish to remind that all registration fees must be FULLY paid before commencement of the course. IEM Academy Sdn. Bhd. reserves the right to refuse entry for participant(s) who have not paid their registration fees to attend the course. THIS REQUIREMENT WILL BE STRICTLY ENFORCED.
- ✓ Payment via CASH / CHEQUE / BANK-IN TRANSMISSION / BANK DRAFT / MONEY ORDER / POSTAL ORDER / LO / WALK -IN will be considered as NORMAL 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.
- ✓ Fee paid is not refundable. Registration fee includes lecture notes, refreshment.
- ✓ The Organizing 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.

PAYMENT METHOD

- (a) Local cheque/Banker's cheque made payable to "IEM ACADEMY SDN BHD".
 (b) Directly bank in or online transfer (Please forward soft copy of payment advice):-

Account Name: **IEM ACADEMY SDN BHD**

Account Number: **21403500139397**

Bank Name: **RHB Bank Berhad**

Bank Address: **No. 1, 3 & 5, Jln 52/18, PJ New Town Branch,
46050 Petaling Jaya, Selangor**

Swift Code: **RHBBMYKL**



3RD CHIAM TEONG TEE MEMORIAL LECTURE "DEVELOPING ENGINEERING WORK FORCE, DESIGNING A BETTER FUTURE"

By
YBhg. Academician Dato' Ir. Prof. Dr Chuah Hean Teik

An Event Organized By Professional Practice Committee & Managed by: IEM Academy Sdn Bhd (please visit www.iemasb.com)

Event Date:
Saturday, 23rd March 2019

Time:
9.30 am – 1.30 pm

Venue:
**Auditorium Tan Sri Prof. Chin Fung Kee Auditorium,
Wisma IEM, Petaling Jaya, Selangor, MALAYSIA**

REGISTRATION FEES:

Closing Date: 10th March 2019

CATEGORIES	Normal Fee (by fax & email)	Online Fee (Log-in IEMASB Website)
Student Member	RM 60.00	RM 30.00
IEM Member	RM 100.00	RM 50.00
Non-IEM Member	RM 150.00	RM 100.00

BEM Approved CPD/PDP Hours: 2.0

Ref. No.: IEM18/HQ/344/L



3RD CHIAM TEONG TEE MEMORIAL LECTURE “DEVELOPING ENGINEERING WORK FORCE, DESIGNING A BETTER FUTURE”

TENTATIVE PROGRAMME

9:30 – 10:00	Scan-in Registration
10:00 – 10:30	Opening Ceremony
10:30 – 12:30	Lecture on “Developing Engineering Work force, Designing a Better Future”
12:30 – 12:45	Q&A
12:45 – 1:00	End of Lecture & Scan Out
1:00 – 2:00	Networking and Buffet Lunch

ABOUT THE LECTURE

In this Lecture, various trends and challenges facing the world, due to the coming of the new Digital Revolution or commonly known as 4th Industrial Revolution, are discussed which include urbanization and inequality in wealth distribution, clean water, food distribution, energy, global warming and climate change, aging population and physical-space and cyber-space security. To tackle the challenges, we require new ideas and inventions which will only be possible with excellent knowledge workers. A brand new set of technology breakthrough will require different new skill sets, particularly on STEM skill sets, in the engineering workforce. Good engineering workforce (engineer, engineering technologist and engineering technician) is considered as the driver for the success of any nation in this globalized world. The talk will also touch on the challenges faced by future engineer's vis-à-vis globalization and mobility of engineers; and what skills young engineering graduates should acquire to face the challenges. What is important is now for the educators to train future graduates who can embrace life-long learning and with strong basic fundamentals of natural sciences and engineering and who are ready-to-evolve rather than graduates who are just ready-to-market as many of the

DATA PROTECTION ACT

I have read and understand 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.

About the Presenter

YBhg. Academician Dato' Ir. Prof. Dr. Chuah Hean Teik, graduated with a BEng (First Class Honours), MEngSc and PhD in electrical engineering, all from University of Malaya, Malaysia. From July 1988-April 1997, he was on the faculty of the Electrical Engineering Department of the University of Malaya. From March-Nov 1994, he was a Fulbright Scholar at the Wave Scattering Research Centre, University of Texas at Arlington, USA. From May 1997-Jan 2008, Dr Chuah was a Senior Professor at the Multimedia University (MMU), during which he held various posts as Vice President (R&D and Academic Development), Dean of Engineering, and Director of Research. From June 2001-Jan 2008, he also assumed the duty of the Penang State Government Professor of ICT in MMU. Since April 2008, he has been appointed as President of Universiti Tunku Abdul Rahman (UTAR) in Malaysia. He is also a Consultant Professor to Northwestern Polytechnical University, Xian, China.



His research interests include microwave remote sensing and applied electromagnetics. He has authored/co-authored more than 260 papers in international journals and conferences. Dr. Chuah has received many awards locally and internationally. Among them include the Professor Chin Fung Kee Gold Medal for Engineering Management in 1986, the inaugural Young Engineer Award by the Institution of Engineers, Malaysia in 1991; 1990 Young Scientist Award at the 23rd General Assembly of the International Union of Radio Science (URSI) at Prague, Czechoslovakia; 1993 Young Scientist Award at the 24th General Assembly of URSI at Kyoto, Japan; 1995 Young Scientist Award (Industrial Sector) by the Malaysian Ministry of Science, Technology and the Environment; 1999 Malaysian Toray Science Foundation Science and Technology Award for his contributions in the area of microwave remote sensing; 2002 Sterling Award from the Sterling Group of Universities (research-based universities in UK with engineering faculties) for his services to promotion of engineering profession; 2011 IET Malaysia Outstanding Achievement Award; Rotary Charity Foundation of Kuala Lumpur Research Gold Medal 2012 for excellence in original research and significant achievement in the field of electrical engineering; 2014 Distinguished Engineer Award by IEM Penang Branch, 2016 Taiwan Professional Education and Culture Medal for his contribution towards education and cultural exchange between Malaysia and Taiwan, 2017 Exemplary Leaders Award (Education Category) by The Federation of Hokkien Associations of Malaysia, and 2017 Outstanding Engineering Achievement Award by the ASEAN Federation of Engineering Organisations. In collaboration with Malaysian Centre for Remote Sensing, his research team working on “Paddy Monitoring and Yield Prediction System using Remote Sensing and GIS Technologies” won a Gold Medal at the 2003 Malaysian Science and Technology Expo, and a Gold Medal at the 32nd International Exhibition of Inventions at Geneva in 2004. In recognition of his valuable services, the Governor of the State of Penang Malaysia conferred upon him an Order of Chivalry, Darjah Setia Pangkuan Negeri, which carries the title “Dato”, in July 2005. For his significant contribution in engineering profession, he was awarded Honorary Doctor of Engineering by MMU in August 2013.

Dr. Chuah is an eminent technical leader. He is currently the President of the ASEAN Academy of Engineering and Technology (AAET), Past President of the Federation of Engineering Institutions of Asia and the Pacific (FEIAP) from 2011-2015, and current Chairman of FEIAP Standing Committee on Engineering Education. Dr. Chuah was the President of IEM (2009-2011). He is a Senior Fellow of the Academy of Sciences, Malaysia (ASM) and AAET; Hon. Fellow of the ASEAN Federation of Engineering Organisations, IEM, and Myanmar Engineering Society; a Founding Fellow of The Academy of Engineering and Technology of the Developing World; Fellow of the Remote Sensing & Photogrammetry Society, UK; the Institution of Engineering and Technology, UK; the Institute of Electrical and Electronics Engineers, USA; and the Electromagnetics Academy, USA. He is also a Professional Engineer in Malaysia, a Chartered Engineer with the Engineering Council, UK; an APEC Engineer, International Professional Engineer and ASEAN Engineer; and Hon. Member of the Golden Key International Honour Society. Dr. Chuah serves as reviewer for technical papers submitted to international journals such as Progress in Electromagnetics Research (PIER) Journal, and IEEE Trans. Geoscience and Remote Sensing. He is a current member of the Disciplinary Committee Panel under the Advocates and Solicitors' Disciplinary Board, Malaysia, Council Member of ASM (2007-2011, 2014-2016), current member of Malaysian Engineering Accreditation Council (EAC) and was a Council Member of the Malaysian Qualifications Agency (2008-2012). He also serves in Technical Committee or Advisory Committee of a few regional and international conferences and symposia.

Due to his technical expertise, he has been appointed to various committees at national level, which included:

1. Member, Civil Aviation Authority of Malaysia, Ministry of Transport (2018-2021)
2. Chairman, Klia2 Independent Safety Committee (appointed by Minister of Transport Malaysia in Dec 2014) to review safety issues for Klia2 Airport in Malaysia (2014-2015)
3. Member, Malaysia Education System Review Panel, appointed by Government of Malaysia as one of the 12-member Panel to review the Education Blueprint of Malaysia (2012)
4. Member of Selection Committee for Science and Technology Award and Science and Technology Research Grant, Malaysia Toray Science Foundation (2012-to-date)
5. Member, Auditor Committee, Mahathir Science Award Foundation (2012-to-date)
6. Member of Examination Committee for Science Education Award of Malaysia Toray Science Foundation (2006-2011)
7. Member of the Independent Investigation Panel, Cabinet of Malaysia Government, for the Cameron Highlands Bus Accident (2011)