

The 7th Annual General Meeting (AGM) of Electronic Engineering Technical Division (eETD)

ELECTRONIC ENGINEERING TECHNICAL DIVISION



reported by
Ir. Dr Lee Choo Yong

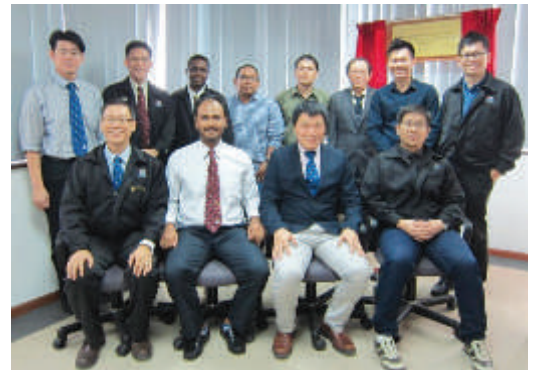
Ir. Dr Lee Choo Yong is a committee member of Electronic Engineering Technical Division (eETD).

The 7th AGM of eETD, attended by 17 members, was held at the IEM Penang branch office on 10 October, 2015.

Chairman Ir. Bernard Lim Kee Weng delivered the welcome speech and thanked all the members who were present, especially those who had come all the way from Miri and Kuala Lumpur. He expressed his gratitude to his committee members for their support and hard work in organising various activities which benefitted IEM members and cultivated engineering innovation in undergraduate students.

During the AGM, the election of committee members for 2015/16 was held. Engr. Dr Leow Cheah Wei was announced by Ir. Bernard Lim as the new eETD Chairman. The new committee members are as listed below:

Chairman	Engr. Dr Leow Cheah Wei Grad. IEM
Vice chairman	Engr. Lau Heng Kar Grad. IEM
Honorary secretary cum treasurer	Ir. Bhuvendhraa Rudrusamy
Committee members	Engr. Dr Chang Boon Peng Grad. IEM
	Engr. Dr Huzein Fahmi Hawari Grad. IEM
	Ir. Dr Khor Jeen Ghee
	Ir. Dr Lee Choo Yong
	Ir. Dr Mui Kai Yin
	Engr. Sivarama Rajah Grad. IEM
	Engr. Tiong Teck Chai Grad. IEM
	Engr. Dr Wong Yew Hoong Grad. IEM
Advisor	Ir. Bernard Lim Kee Weng



Second row (left to right): Ir. Dr Khor J.G., Ir. Dr Mui K.Y., Ir. Sivarama R., Engr. Dr Huzein F.H Grad. IEM., Ir. Dr Lee C.Y., Engr. Tiong T.C Grad. IEM., Engr. Dr Chang B.P Grad. IEM., Engr. Dr Wong Y.H. Grad. IEM

First row seated (left to right): Ir. Bernard Lim K.W., Ir. Bhuvendhraa R., Engr. Dr Leow C.W Grad. IEM., Engr. Lau H.K. Grad. IEM.

It was a great achievement that eETD recorded a substantial increase in the number of members from 126 the previous year to 607. Membership breakdown as of 30 September 2015 as shown:

Membership grade	Numbers of Members in eETD
Fellow	2
Senior member	1
Member	138
Companion	9
Graduate	365
Incorporated	2
Associate	2
Student	88

There were 14 committee meetings held from August 2014 to October 2015. The eETD organised 9 technical talks, delivered by distinguished scholars and/or engineers worldwide. Many of the talks were held in Universiti Sains Malaysia (USM) to facilitate convenient participation of engineers working in Bayan Lepas industrial zones. Technical talk details are shown in the table below:

Date	Title	Speaker
8 October 2014	Splitting our (computer) brains: Multi-processor, Multi-core and multi-threads	Dr Shawn Tan (Independent consultant)
3 December 2014	Catalyse business development	Meemusari (Independent consultant)
16 December 2014	Breaking the 3D power delivery wall using voltage stacking	Prof. Dr Mircea R. Stan, University of Virginia
16 January 2015	Design and verification techniques using system Verilog	Cliff Cummings of Sunburst Design Inc.
13 March 2015	The internet, the web and the future of everything	Prof. Wendy Hall of University of Southampton
13 April 2015	Business development in multi-disciplinary	Prof. Dr Andrew Richardson, enablingMNT (United Kingdom)
25 June 2015	Electromigration simulation at circuit levels	Prof. Dr Tan Cher Ming, Chang Gung University
26 June 2015	A review pertinent to next generation RRAM (Resistive Random Access Memory) reliability	Prof. Dr Chao-Sung Lai, Chang Gung University
2 September 2015	Technology and standard for virtual-view 3D systems	Prof. Hsueh-Ming Hang, National Chiao Tung University

The eETD also endorsed NEPCON Malaysia held in Spice Arena, Penang, on 9-11 June 2015. On the other hand, eETD also contributed to CAFEO 33 by inviting speakers from electronics multinational companies to participate. The eETD co-organised an embedded system workshop with IEEE Nottingham University Malaysia Campus student branch. This workshop gave students good exposure to microprocessor platform so that they would be better prepared when entering the industry.

The eETD also continued to sponsor the IEM Best Paper Award worth RM1,500 of Innovate Malaysia Design Competition 2015, organised by renowned technology companies like Altera, CEDEC, Intel, Keysight, Mathworks,

Microsoft, National Instrument and Silterra. The eETD has been participating in Innovate Malaysia Design Competition since 2010. This award is open to all final-year undergraduate engineering and computer science students in Malaysia to promote innovation culture and mindsets among university graduates, to enhance knowledge and skills set in practical engineering and to promote greater interest in engineering design, and to promote more industry and university collaboration. The award was won by Yiau Diing Shenq and Wee Hin Sheik from USM with their paper titled "Development of Add-On Active Vibration Control (AVC) for Power Tools" (<https://www.youtube.com/watch?v=8c4GN2zP14E>).

Penang Maker Faire, organised by Collaborative Research in Engineering Science and Technology (CREST), was held together with Penang Science Fair in Spice Arena on 15-16 November, 2014. It was sponsored by Intel, National Instruments, Penang Science Cluster, Koridor Utara Malaysia and Silterra. The eETD supported this event to promote makers culture and 10 student members of eETD participated in the event.

A dialogue with USM on 25 November, 2014, was another initiative by IEM Penang branch and eETD to drive student membership recruitment and foster collaboration in training activities, engineering career talk and route to be professional engineers. Deputy vice chancellor (industry and community network) Professor Dato' Dr See Ching Mey led the USM team to support this important dialogue. The result was the significant increase in eETD student members.

The eETD committee, under the leadership of Ir. Bernard Lim, has brought it to the next level, resulting in IEM being recognised by engineering fraternities and academic institutions as the professional body for promoting science and technology advancement, particularly in electronic engineering in Penang, the Silicon Valley of the East. ■

IEM DIARY OF EVENTS

Title: Half Day Seminar on "Smelly Toilets - Why, Where, What, Who, When and How To Eliminate"

04 Mar 2016

Organised by : Building Services Technical Division
Technical Division

Time : 9.00 a.m. – 1.00 p.m.

CPD/PDP : 3.5

Title: 18th Annual General Meeting of Information and Communications Technology Special Interest Group

05 Mar 2016

Organised by : Information and Communications
Technology Special Interest Group

Time : 11.00 a.m. – 1.00 p.m.

CPD/PDP : 2

Kindly note that the scheduled events below are subject to change. Please visit the IEM website at www.myiem.org my for more information on the upcoming events.