



THE INSTITUTION OF ENGINEERS, MALAYSIA

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TALK ON

“SHARING ENGINEERING EXPERTISE AND EXPERIENCES IN MACHINE DESIGN AND CONSTRUCTION”

(Jointly Organised by Seniors Special Interest Group, SSIG & Young Engineer's Section, YES)

Date : 31st October 2015 (Saturday)
Time : 9.00 am to 11.00 am (Refreshments will be served at 8.00 am)
Venue : TUS and C&S Lecture Rooms, 2nd Floor, Wisma IEM, Petaling Jaya
Speaker : Ir. Hsiung Teck Pin

BEM Approved CPD/PDP: 2 hours
Ref No: IEM15/HQ/351/T

SYNOPSIS

All the knowledge learned in the lecture class-rooms in colleges, will be of no benefit if it is **not** put to use. As time passes, the engineering knowledge acquired, would gradually diminish in the minds of young Engineers. This is especially so when the young Engineers are employed in administrative duties and are not performing in their correct environment, doing technical engineering work.

So what can the young Engineers do to maintain their real worth as engineers? Young Engineers can acquire engineering experience as well as improve on their technical knowledge at **fast pace speed**, by attending the special talks in IEM. Here the young Engineers will have the opportunity to learn and apply engineering design expertise from the experienced Engineers and be guided to achieve their professional objectives. There are not many venues where experienced Engineers shall be available to share their engineering expertise. To ensure their real worth is maintained on the upward trend, young Engineers need to keep in touch with IEM and attend the special talks.

There are many machines in the market which the young Engineers can build locally. All that is needed, is self-confidence, and being familiar with the component parts. Some of the machines which can be built locally, are:

Scissor lifts, flood gates, EOT cranes, link bridges, industrial blowers, crush and shred machines, constant tension reeler, auto lacquering machine, diesel gen set, and welders.



Crush & Shred Machine

During the talk, there shall be brain-storming on how the above machines are designed and constructed, and any likely difficulties which might arise when they are in operation.

BIODATA OF SPEAKER

Ir. Hsiung Teck is a humble engineer despite his achievements over the years in constructing unique custom-built machines for local use. He passed both the Part I and Part II of the Institution of Mechanical Engineers' examinations in 1969 (he did it by private studies). He is a former student of the Victoria Institution in Kuala Lumpur and the Royal College. (RMC). The college has been a training ground for many VIPs. It was managed and run by expatriates from UK and later by Malaysians after Merdeka. He had the rare opportunity of being one of the few to be selected for the training at the prestigious Royal Military Academy, Sandhurst UK which was a centuries old military college, steep in traditions, where many famous British army generals had their early training as officer cadets. Life in the army was exciting and good fun and you get to fire an anti-tank rocket and hit a target 200 metres away. All good things in life must end. After 10 years of service, he left the army to join the private sector to design and build machines. Building machines is interesting work which is also extremely challenging. Each time the work is completed and the machine is successfully built, you have that great feeling of achievement, and you want to build more and more machines. Some machines which are built by Ir.Hsiung TP, are shown below :



Link Bridge for STAR CRUISE



Auto Lacquering Machine

Ir. Khor Hock Keat
Chairman
Seniors Special Interest Group, IEM



Pollution Free Electric Trolley

ANNOUNCEMENTS TO NOTE:

- Preferential admission to talk shall be accorded to IEM members (pre-registration and online registration are NOT required).
- Non members may also attend the talk but will need to pay a registration fee of RM50 and an administrative fee of RM15. GST is inclusive.
- Members of affiliated organisations upon producing their membership cards will be exempted from paying registration fee. Administrative fee is nevertheless applicable.
- Limited seats are available on a "first come first served" basis (maximum 100 participants).
- IEM members are reminded to produce membership cards for confirmation of attendance (CPD purpose) failing which a fee of RM25 will be imposed. GST inclusive.

ADMINISTRATIVE FEE

- Kindly be informed that an administrative fee of RM15 is payable for talks organized by IEM. GST is inclusive.
- The fee would be used to cover overhead costs, building maintenance expenses as well as contribute to Wisma IEM Building Fund.
- All contributions will be deeply appreciated by IEM.
- Student Members are however exempted.

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.

CPD HOURS CONFIRMATION

Name:

Membership No.....

Signature: