ICTSIG Digital Class
SECRETS OF MENTAL MATH (PART 2)

Organised by Information and Communications Technology Special Interest Group, IEM
BEM Approved CPD/PDP Hours: 2 CPD   Ref No: IEM17/HQ/023/T

Speaker: Ir. Lee Mun Poh and Ir. Chai Chen Sing

Date:	**15 June 2019**
Day:	**Saturday**
Time:	**11.00 am – 1.00 pm**
Venue:	**GETD Room, Second Floor, Bangunan Ingenieur, Petaling Jaya**

PREREQUISITES:
As this is a hands on class, participants are required to bring your own Laptop.
(All the necessary software will be provided during the class)

SYNOPSIS

Most of the mathematics that we learn in school is taught to us on paper with the expectation that we will solve problems on paper. But there is joy and lifelong value in being able to do mathematics in your head. In school, learning how to do math in your head quickly and accurately can be empowering. In this course, you will learn to solve many problems using multiple strategies that reinforce number sense, which can be helpful in all mathematics courses. Success at doing mental calculation and estimation can also lead to improvement on several standardized tests. We encounter numbers on a daily basis outside of school, including many situations in which it is just not practical to pull out a calculator, from buying groceries to reading the newspaper to negotiating a car payment. And as we get older, research has shown that it is important to find activities that keep our minds active and sharp.

Not only does mental math sharpen the mind, but it can also be a lot of fun. Our classes (2) will focus on the nuts and bolts of mental math: addition, subtraction, multiplication, and division. Often, we will see that there is more than one way to solve a problem, and we will motivate many of the problems with real-world applications.

BIODATA OF SPEAKER

Ir. Lee Mun Poh graduated with a Bachelor of Science (Mechanical Engineering) from the University of Sussex (UK) in 1975. He is a registered Professional Engineer with a Practising Certificate (Mechanical), Board of Engineers, Malaysia. Ir. Lee has more than 40 years working experience in the field of industrial automation and controls. He is currently the Past Chairman to IEMICTSIG. He specializes in technical products for the Maker Movement and the IOT. He has more than 10 years working experience in the timber industry in Syarikat Jengka Sdn. Bhd and completed projects in the timber, electronic, chemical and automotive industries.

Ir. Chai Chen Sing had 24 years of experience in the engineering industry. His experience range from consulting services and contracting in construction industry, SCADA implementation for processing plant, web application development and machine to machine communication. He is currently the principal consultant for Versoset Engineers Sdn Bhd and also the technical director for Mercatura, a m2m solution provider. He heads the technical development for integrated custom made embedded system as well as web application development utlising cloud solution. Ir. Chai Chen Sing graduated from University of New South Wales, Australia in 1992. He served as committee members of ICT Special Interest Group since 2014 and currently, he is the advisor for the session 2019/2020.

Ir. Yasser Asrul Ahmad
Chairman,
Information and Communication Technologies Special Interest Group

ANNOUNCEMENTS
TO NOTE:
- Free Admission for **IEM member.**
- **Non-members** may also attend the class but will need to pay a commitment fee of **RM50**. Inclusive SST.
- Limited seats are available on a "first come first served" basis (maximum 10 participants). **To secure your seat, kindly register online at www.myiem.org.my.**

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