

REGISTRATION FORM
Fax: 03-7957 7678 Email: nagajothi@iem.org.my

**One Day Course on Industrial Wastewater Quality Monitoring and Testing
18 December 2013 (Wednesday)**

Name(s)	Grade & Membership No.	Fees (RM)
Total Amount Payable		

Company: _____

Address: _____

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

E-mail: _____

Please write clearly as the "Information Update" will be sent via email

Contact Person: _____ Designation: _____

Signature: _____ Date: _____

PAYMENT DETAILS

☐ Cheque no. _____ for the amount of RM _____
(non refundable) and made payable to "THE INSTITUTION OF ENGINEERS, MALAYSIA" and crossed 'A/C Payee Only'.

- For **ONLINE REGISTRATION**, only **ONLINE PAYMENT** is applicable [via RHB Now and Maybank2u -Personal Saving & Personal Current; Credit Card - Visa/Master].
- Payment via CASH, CHEQUE, BANK-IN TRANSMISSION, BANK DRAFT, MONEY ORDER, POSTAL ORDER, L/O or 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 participant fails to attend the course, the fee is to be settled in full. If the participant failed to attend the course, the fee paid is non refundable. Registration fee includes lecture notes, refreshment and lunch.
- For **ONLINE REGISTRATIONS**, please note that **payment MUST be made "ONLINE" before the closing date**. If payment is not received within the stipulated time, the registration fee will be reverted to the normal registration fee.



**ONE DAY COURSE ON
INDUSTRIAL WASTEWATER QUALITY
MONITORING AND TESTING**

by

Ir. Dr. Chong Mei Fong BEng, MIEM

18 December 2013 (Wednesday)

9.00 am – 5.00 pm

TUS Lecture Room, 2nd Floor, Wisma IEM, Petaling Jaya

Registration fees

Grade	Normal (Offline)	Online Registration
IEM Student Member	RM200	RM190
IEM Graduate Member	RM400	RM380
IEM Corporate Member	RM600	RM570
Non IEM Member	RM800	RM760

Closing Date: 18 December 2013

No Online Registration will be allowed after the Closing Date.

BEM Approved CPD/PDP Hours: 5.5

Ref. No.: IEM13/HQ/298/C

Organised by:

Chemical Engineering Technical Division

Important Note: IEM members are required to produce their IEM membership cards for CPD scanning at the start and end of the course.

TENTATIVE PROGRAMME

Time	Programme
8.30 -9.00a.m.	Registration
10:00am – 11:00am	Introduction <ul style="list-style-type: none">•Introduction to water chemistry and quality•Legal compliance of Environmental Quality Act 2011•APHA methods for industrial wastewater analysis
11:00am – 11:30am	Morning Tea Break
11:30am – 12:00pm	Pre-requisite skills (Samples handling, Dilution Method, Calibration Curves, Replicates and etc.)
12:00pm – 1:00pm	Background of calorimetric method and spectrophotometry
1:00pm – 2:00pm	Lunch
2:00pm – 3:00pm	Measurement of common parameters (COD, BOD and TSS)
3:00pm – 4:00pm	Common problems and trouble-shooting
4:00pm	Session Ends

SYNOPSIS

Wastewater monitoring and control conducted by competent personnel is very important to provide accurate characteristics of the water so that the actual condition of the treatment efficiency can be evaluated effectively. In practice, precise and consistent measurement is sometimes difficult to obtain and most of the time is due to the lack of knowledge and experience in analysis.

This workshop is aimed to help in capacity building and to build confidence in wastewater monitoring and analysis. In this case, any technicians, engineers, chemists, scientists and researchers whom working in wastewater related field are greatly welcome. The objective of this workshop is to provide knowledge, introductory training and basic skills on water analysis through lectures and discussion as a part of professional career development.

For further details, kindly contact:

Chemical Engineering Technical Division c/o The Institution of Engineers, Malaysia
Bangunan Ingenieur, Lots 60/62, Jalan 52/4, P.O. Box 223 (Jalan Sultan) 46720 Petaling Jaya
Tel : 603-7968 4026 Fax : 603-7957 7678 Email : nagajothi@iem.org.my

BIODATA OF SPEAKERS

Ir. Dr. Chong Mei Fong received her PhD, on “modeling, simulation and design of membrane based palm oil mill effluent (POME) treatment plant from pilot plant studies”, in 2007 at the Universiti Sains Malaysia (USM) in Malaysia. She is the Associate Professor from Department of Chemical and Environmental Engineering at the University of Nottingham Malaysia Campus, Chair for Postgraduate Research Sub-Committee, Chair for Women in Science, Engineering and Technology (WinSET) working group and the Deputy Head of Research for the Environmental Research Division. She is also a Professional Engineer registered with the Board of Engineer Malaysia (BEM), a member registered with The Institution of Engineers, Malaysia (IEM), affiliate member of Institution of Chemical Engineers (IChemE) and fellow of Higher Education Academy, UK.

She has led and managed many interdisciplinary research nationally and internationally. Her research interests involve wastewater treatment, renewable energy and membrane separation. She is currently leading on several projects including palm oil mill effluent treatment, membrane reactor for biodiesel production and adsorption of boron from industrial wastewater. She is an active author, with one book and two book chapters, and more than 40 international and national papers. Moreover, she serves as industrial consultant for various projects, and also serves the editorial board member for three international journals.

In year 2009, Dr. Chong Mei Fong won the gold medal for the Water Innovation Awards. She is also the winner of the Presidential Award of Excellence and Presidential Award of Excellence Special Merit Award recognised by The Institution of Engineers Malaysia (IEM). Her research works also received recognition from WinSET working group from University of Nottingham, UK in 2012.

Terms & Conditions:

The fee paid is non refundable. However substitution of participants(s) will be permitted with approval by IEM. In view of the limited places available, intending participants are advised to send their registrations as early as possible so as to avoid disappointment.

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.