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REGISTRATION FORM

2 Day Course on "Water Quality"

19th – 20th Apr 2017 | Wisma IEM, PJ

Closing Date : 11th April 2017, Tuesday

No	Name(s)	M'ship No.	Grade	Fee (RM)*
SUB TOTAL				
ADD GST @6%				
Total Payable				

***Fees MUST be fully paid BEFORE the CLOSING DATE. Seats could only be confirmed upon payment.**

Enclosed herewith a crossed cheque No: _____ for the sum of RM _____ issued in favour of "**The Institution of Engineers, Malaysia**" and crossed 'A/C payee only'. I/We understand that the fee is not refundable if I/We withdraw after my/our application is accepted by the Organising Committee as stated in the **cancellation term**. If I/We fail to attend the seminar, the paid registration fee will not be refunded.

Contact Person: _____ Designation: _____

Name of Organization: _____

Address: _____

Telephone No.: _____ (O) _____ (Fax)

_____ (H) _____ (HP)

Email: _____

Signature & Stamp

Date

Photocopies are acceptable



2 DAY COURSE ON "WATER QUALITY"

by Ir. Ahmad Fauzi

Date : 19th April 2017–20th April 2017 (Wednesday–Thursday)

Venue: Auditorium Tan Sri Prof Chin Fung Kee,
3rd Floor, Wisma IEM, PJ

Time: 9.00 a.m. - 5.00 p.m.

Organised by: Water Resources Engineering Technical Division
 BEM Approved CPD/PDP: **13.5** Ref No: **IEM17/HO/086/C**

REGISTRATION FEES (Subject to GST 6%)

	ONLINE	NORMAL (Offline)
IEM Student Member	RM250.00	RM280.00
IEM Graduate Member	RM 500.00	RM 600.00
IEM Corporate Member	RM 800.00	RM 900.00
Non IEM Member	RM1600.00	RM1800.00

IMPORTANT NOTES

Closing Date: **11th April 2017, Tuesday**

Terms & Conditions:

- For ONLINE REGISTRATIONS, only ONLINE PAYMENT is applicable [via RHB and Maybank2u –Personal Saving & Personal Current ; Credit Card - Visa/Master].
- 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.

Synopsis for "WATER QUALITY"

Water, air, food, shelter are all essential items for any living being. It is possible to survive without food and shelter for some days but without water, it is not possible to survive for too long. Water quality requirements vary according to the proposed use of the water such as for domestic use, agricultural use, fish, specific industrial and recreational use and power generation. Water quality standards are normally set by Governmental agencies and represent a statutory requirement. In Malaysia, we have agencies related to this subject such as the National Water Commission (SPAN) and the Departments of environment, Drainage and Irrigation, Water supply, Sewerage, City councils and local councils.

There are also various acts in placed such as Water services industry act, Sewerage services act, Environmental quality acts and local council acts. As for in – stream standards, for reasons of aesthetics as well as health, it is generally considered desirable to maintain natural water systems at as high a quality level as possible. Wastewater discharges and other human activities often have significant impact on in-stream water quality.

Can water quality level be affected due to lack of effective coordination amongst various relevant agencies?

Can water quality level be affected due improper designing?

Can water quality level be affected due to lack of supervision?

Can water quality level be affected due to illegal discharges from industrial areas?

Can water quality level be affected due to lengthy land acquisition process?

Can water quality level be affected due to site constraints?

Can water quality level be affected due to public protests?

Can water quality level be affected due to difficult site conditions?

Can water quality level be affected due to improper construction management?

Can water quality level be affected due to improper sampling and measurements?

Can water quality level be affected due faulty lab tests?

Can water quality level be affected due to under estimate?

Can water quality level be affected due lack of maintenance?

Can water quality level be affected due to lack of enforcements?

Can water quality level be affected due to lack of monitoring and control?

Thus, it is prudent that undertaking of these projects require proper planning, designing, tendering, construction, testing & commissioning, CCC, maintenance, monitoring and control.

After completing these two days, participants are expected to know and understand the importance of project cycle, water cycle, water quality, factors contributing to pollution of water bodies, identifying the pollutants and its probable sources, types of treatments and existing acts/laws/regulations related to water quality.

About The Course Leader

Ir. Ahmad Fauzi Yahya is currently a Principal Consulting Engineer and Trainer. He received a Diploma in Civil Engineering from Mara Institute of Technology (UITM) and the B.S. degree in Civil Engineering from Saint Martin College (University), Washington State. He has been active in the area of Project and Construction Management for over 30 years and has been an expert panel and interviewer for many companies. This includes IBS, UITM, CIDB and panel for NOSS (National Occupational Skill Standard).

He started his career in Public Works Department in 1977. In 1983, he joined SPPK/PNB Government Housing Company. In 1991, he became a Consulting Engineer and involved in infrastructural and building projects in Malaysia, Indonesia and all over the world. He later joined INTI International University, Nilai as a Senior Lecturer in 2015. He is also an IEM committee member for Project Management Technical Division, Consulting Engineering Special Interest Group and Water Resources Technical Division.

He is also a professional engineer with SPAN, Malaysia. In 2016, he was accredited as a Competent Construction Project Manager (CCPM) and also has been invited as an interview panel for CCPM.

PROGRAMME DAY 1

8.30 - 9.00 am	Registration
9.00 - 10.30 am	1- Bio data of facilitator / 2- Introduction of participants / 3- Mode of Presentation/photographs / 4- Introduction to water/water cycle 5- Project cycle
10.30–11.00 am	Morning Tea Break
11.00 - 1.00 pm	6. Key parties/ stakeholders in a project / 7. Project cycle in relation to water quality 8. Water quality standards / 9. Water quality requirements / 10. Class exercise – in groups
1.00 - 2.00 pm	Lunch
2.00 - 3.30pm	Class exercise - continue
3.45–4.00pm	Afternoon Tea
4.00–5.15pm	11. Group presentation

PROGRAMME DAY 2

09:00 am – 10:30 am	1. Water quality characteristics 1.2. Physical 1.3. Chemical 1.4. Biological
10.30 am – 10.45am	Morning Tea Break
10.45 – 1.00 pm	4. Relevant Acts , Bye laws and regulations. 4.1 Environmental quality act / 4.2 Water services industry act 4.3 Sewerage services act / 4.4 City/Local council act 4.5 CIDB Act / 4.7 Planning Act / 4.8 Land Acquisition Act 4.9 National land code / 4.10 Fisheries Act 4.11 Drainage and Irrigation department / 4.12 Sewerage department 4.13 Water supply department / 4.14 Environmental department 4.15 City council / 4.16 District council / 4.17 Land survey department 4.18 Malaysian remote sensing dept 4.19 Standards Malaysia / 4.20 SIRIM / 4.21 Land department
1.00 – 2.00 pm	Lunch
2.00 - 3.30 pm	5. Water purification process / 5.1 Physical / 5.2 Chemical / 5.3 Biochemical
3.45 – 4.00 pm	Tea Break
4.00 –5.00 pm	6. Biodegradable organic waste in streams / 7. Water Treatment plant
05.00 – 05.30pm	Summary and Q & A

CANCELLATION POLICY

IEM reserves the right to postpone, reschedule, allocate or cancel the course. Full refund if cancellation is received in writing more than 7 days before start date of the event. No cancellation will be accepted prior to the date of the event. However, replacement or substitute may be made at any time with prior notification and substitute will be charged according to membership status.