



# Workshop on Water and Wastewater Treatment Systems & Verification (Code: WWW)

11 & 12 March 2020

Organized by

**IKM (Perak Branch) Professional Training Centre**

## **Trainer's Profile**

Shanmuga Kittappa received both his B.Sc.(Hons) in Chemistry and MSc. in Engineering from University of Malaya. Currently, he is completing his PhD in Environmental Engineering specialized in water and wastewater treatment. He started his career as a chemist and worked his way to senior managerial positions and General Manager. Due to his broad knowledge in water treatment process, application and technology, he has extensive consulting experience in various industries of national- and international-based companies related to chemical and engineering. He has managed projects related to environmental issues such as mine closure, wastewater treatment, raw and process water issues, oil and grease contamination and many more. Shanmuga is a member of Jang Environmental Engineering and Nano-Technology research team, which holds the patent for magnetic sequential separator (MEGS). His publications as captured in scientific THOMSON REUTORS ISI journals are of high international impacts. He has presented papers at several leading local and international conferences on water treatment and nanotechnology. In addition, he has extensive experience as a presenter and lecturer in the field of chemistry and engineering. He has taught and presented at local and overseas universities such as University of Malaya, SEGI, Murdoch and Edith Cowan Australia. He is also a registered professional chemist with Institute Kimia Malaysia and a lead auditor for ISO 14001 with German Cert consulting company.

## **Workshop Programme**

- Introduction to wastewater management
- Problems associated with wastewater
- Wastewater analysis
- Wastewater treatment systems
- Types of wastewater
- How to reduce wastewater formation?
- Wastewater treatment technologies



## **Registration closing date: 26 February 2020**

## **Registration Fee (inclusive of refreshments, lunch & workshop materials):**

**IKM Members: RM 750.00**

**Non IKM Members: RM 950.00**

## **Who should attend**

- ✓ Professional / civil engineers and executives
- ✓ Water treatment system designer
- ✓ Environmental engineers and ESH managers
- ✓ Personnel dealing with waste management, sewage treatment, solid and liquid waste processing, water treatment system,
- ✓ Environmental Executives or Managers

**❑ Terms & Conditions**

The organizer reserves the right to make changes on the programme, cancel or reschedule the programme due to unforeseen circumstances. All efforts will be made to inform registered participants of such changes. The organizer will not be responsible for any damages or expenses suffered by the participants as a results of alternative arrangements made.

The **workshop registration fee** must be paid to “**Institut Kimia Malaysia Perak Branch**”, **Public Bank Account No: 3096895915**. No refund of registration fee for cancelation of registration after the closing date. However, a registered participant can be replaced with another person at no additional cost.

**❑ Workshop Venue**

**Tower Regency Hotel And Apartments,  
6, Jalan Dato Seri Ahmad Said, Greentown, 30450 Ipoh, Perak**

For hotel room reservation, please contact Mr Meor Suhaniz at:

Email: meor@towerregency.com.my; Mobile number: 019-6002078



**❑ Kindly email the registration form & payment slip to:**

Hon Secretary of IKM Perak Branch

Email: ikmperak@ikm.org.my (preferred)

Whatsapp: 018-2104182

**❑ Registration Form (Code: WWW)**

**Category**

Participants' Name *(Include IKM membership Number)*

IKM Member

Non-IKM Member

1.....

2.....

3.....

4.....

5.....

Company Name & Address

**Total Registration Fees: RM.....**

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Telephone Number..... Email.....