



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

School of
Professional and
Continuing
Education
(SPACE)



Environmental Competency Consultancy

EiMAS :
18 CPD
HOUR

- 21-23 OCT 2019
- 25-27 NOV 2019
- 16-18 DEC 2019

JOHOR BAHRU



PROFESSIONAL COURSE : EFFECTIVE MANAGEMENT SKILLS ON INDUSTRIAL EFFLUENT TREATMENT SYSTEM (IETS) OPERATION

IN-HOUSE Courses can be designed in accordance with organizational requirements

INTRODUCTION

Acquiring effective (ability and capacity) skills to efficiently and adaptively operate an industrial effluent treatment system (IETS) at the industrial premise is essential to ensure successful operation of the IETS, besides accomplishing improved environmental regulatory compliance and greater environmental image. Besides covering topics on engineering fundamentals, the professional course on effective management of IETS operation likewise emphasize problem solving and applications. Course contents are spread across six (6) modules which comprise of unit operations and processes of physical-chemical treatment (PCP), biological treatment (BP), performance monitoring as stipulated in Regulation 9 (a) of the Industrial Effluent Regulations (2009), and laboratory sessions. The course is aimed at assisting participants to operate and maintain the IETS in accordance with sound engineering practice. Operational characteristics of the IETS will be sustained within the acceptable ranges with proper plant management skills. Delivering methods will be tailored to meet adult learning needs.

TARGET PARTICIPANTS

- Consulting Engineers, Project Managers and Engineers, Wastewater Treatment Engineers and Operators, Project Coordinators, Supervisors, Maintenance Personnel, and Technicians, HSE Officer, Environmental Monitoring Committee (EMC) member;
- Academicians, students who will join the environmental sector, and research students;
- Any party interested in / being held responsible for IETS operation.

TRAINING MODULES

MODULE 1 : FUNDAMENTALS OF INDUSTRIAL EFFLUENT ENGINEERING
MODULE 2 : PHYSICAL-CHEMICAL TREATMENT PROCESSES (PCP)

MODULE 3 : PERFORMANCE MONITORING OF PHYSICAL - CHEMICAL
TREATMENT PROCESSES

MODULE 4 : BIOLOGICAL TREATMENT PROCESSES (BP)

MODULE 5 : PERFORMANCE MONITORING OF BIOLOGICAL TREATMENT PROCESSES

MODULE 6 : LABORATORY SESSION

OBJECTIVES

- To improve participants' understanding of IETS, concerning design, operation, maintenance, and troubleshooting.
- To implement proper " Performance Monitoring Concept on IETS operation in accordance with the Guidance Document on Performance Monitoring for IETS Operation.
- To analyse and evaluate the efficiency of IETS based on the performance monitoring data.

TRAINERS



LIEW WAI LOAN

Senior Manager (Research Unit, BPKA), Senior Lecturer (UTMSPACE), PSMB Certified Trainer (TTT/19577), PhD in Civil Engineering (UTM), BTech (Hons) Environmental (UMT)

ONG CHOONG XIN (Donald)
Technical and Training Director (Environmental Competency Consultancy Sdn Bhd), PSMB Certified Trainer (TTT/18355), EiMAS Certified Competent Person (CePIETSO-PCP/00147), (CePSWaM-02136), (CePIETSO - BP/197460), BBA (Hons) Human Resource Development (MMU)



HRDF Claimable

For more information :

Centre for Professional Development, UTMSPACE Johor Bahru

Tel : 07-531 8042 (Ms. Nurfatihah) Fax : 07-520 5725

Email : nurfatihah@utmSPACE.edu.my

REGISTRATION FORM

To confirm your registration, please complete this form including payment.

YES! Please register the following participant(s) for this course

I am interested but unable to attend. Please put me on your mailing list

Course Name : **EFFECTIVE MANAGEMENT SKILLS ON INDUSTRIAL EFFLUENT TREATMENT SYSTEM (IETS) OPERATION**
Venue : Johor Bahru
Date : 21 - 23 OCT 2019
: 25 - 27 NOV 2019
: 16 - 18 DEC 2019
Fee : **RM2,599**
Early Bird : **RM2,499** (register before 20 Sept 2019, 24 Oct 2019 or 15 Nov 2019 respectively)
Group : **RM2,399** (2 persons or more from the same organization)
Includes refreshment, course material & Certificate of Attendance

*DETAILS OF PARTICIPANT ATTENDING THE COURSE:

No.	Name of Participant	Mobile No.	E-mail Address	NRIC (for HRDF claim)	Fee (RM)

(Please attach a separate list if necessary)

*UTMSPACE respects the privacy of its customers with regards to personal data. For further details, please visit : www.utmspace.edu.my/pdpa

Total

SPONSORSHIP : Self-Sponsored Company-Sponsored

SPECIFIC DIET REQUIREMENT : Vegetarian

INDIVIDUAL / COMPANY DETAILS (for issuance of invoice) :

Organisation : _____
Co. Reg. No* : _____ * if applicable
Address : _____
Contact Person : _____
Tel No. : _____ Designation : _____
Fax No. : _____ E-mail : _____

Cancellations received in writing 30 days prior to the programme are eligible for a refund, subject to a 15% cancellation fee. Cancellations received less than 14 days from the date of the programme are not eligible for a refund. However, substitute attendees are welcome. Please note that the speakers and topics are confirmed at the time of printing. However, circumstances beyond the control of the organisers may necessitate substitutions or cancellations of speakers and/or topics. As such UTMSPACE reserves the right to alter or modify the advertised speakers and/or topics.

Authorised Signature* : _____ Date : _____

Name : _____ Designation : _____
* Head of Department / Approving Manager

Company Stamp

MODE OF PAYMENT

A. Cheque or Bank Draft

Cheque No. / Bank Draft No. : _____ Bank/ Branch : _____

B. Telegraphic Transfer / Local Order

Transaction Date : _____ Reference Number : _____

| Terms & Conditions Apply |

FOR FURTHER INFORMATION, PLEASE CONTACT:

ENVIRONMENTAL COMPETENCY CONSULTANCY SDN. BHD.
NO. 120 A, JALAN BAKAWALI 52, TAMAN JOHOR JAYA, 81 100 JOHOR BAHRU
CONTACT PERSON : MS. SUE SZE TEL : (6012) 711 8819 | FAX : (607) 364 5819

All crossed cheque / bank draft should be made payable to
Account Name : UTMSPACE
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