

ONE DAY COURSE ON “PLANNING AND DESIGN PROCESSES FOR AGRICULTURAL IRRIGATION AND DRAINAGE (PADDY)”



Co-organised with

WATER RESOURCES TECHNICAL DIVISION, IEM & MANCID



24th August 2022



9.00am to 5.00pm



**Malakoff Auditorium, Ground Floor,
Wisma IEM, Petaling Jaya**

REGISTRATION FEES SST NOT INCLUDED

Grade	Normal Fee	Online Fee
IEM Student Member	RM 200.00	RM 150.00
IEM Graduate Member	RM 300.00	RM 250.00
IEM Corporate Member & MANCID Members	RM 450.00	RM 400.00
Non IEM Member	RM900.00	RM 800.00

www.myiem.org.my

**BEM Approved CPD/PDP Hours: 7
Ref No: IEM22/HQ/310/C**

SYNOPSIS

Agricultural irrigation and drainage are fundamentally different from typical waterway design. In most cases (especially in Paddy water management), the canals and drains can serve both purposes in the interest of managing large amount of water and flows.

Through this course participant will be able to develop advance planning and design skills in Paddy Irrigation and Design through a good mix of short lectures, step by step processes and examples.

This course will cover:

- Design criteria for Rice Granary down to Tertiary Irrigation System.
- Paddy planting cycle.
- Engineering survey and soil investigation planning.
- Hydrology and water resources design
- Irrigation design.
- Drainage design
- Protection from external inflow.
- Practical design inclusion for Paddy planting, cultivation and harvesting workflow.
- Case study of the development of a new Rice Granary.

Programme		
08.30am - 9.00am		Registration
09.00am	- 09.05am	Opening Remark by Water Resources Chairman
09.05am	- 09.10am	Welcoming and Opening Remarks by Lecturers
09.10am	- 10.30am	Paddy Authorities in Malaysia Design Manuals and Guidelines Discussion on Dasar Agromakan Negara 2.0 (DAN2.0)
10.30am	- 10.45am	Morning Tea
10.45am	- 11.45am	Paddy Planting Cycle and Techniques – Common paddy Varieties
11.45am	- 12.30nn	Paddy Water Demand – Irrigation Design
12.30nn	- 01.30pm	Lunch
01.30pm	- 02.30pm	Agricultural Drainage Design
02.30pm	- 03.30pm	Paddy Yield and National Targets Farming Good Practices
03.30pm	- 03.45pm	Afternoon Tea
03.45pm	- 04.45pm	A study of MADA – Managing a National Granary Challenges in Paddy Farming and Management
04.45pm	- 05.30pm	Q & A – Closing Remark

About Speakers

Dato’ Ir. Loh Kim Mon has more than 40 years of working experience in planning, design, operation and maintenance of irrigation and drainage system. He spent over 30 years in the operation, maintenance and management of the country’s largest irrigation scheme – the Muda irrigation scheme, Kedah/Perlis. He joined RPM Engineers Sdn Bhd as a Senior Consultant upon his retirement from civil service in 2012. Dato’ Ir. Loh graduated with BSc in Civil Engineering and has a MSc in Foundation Engineering. He is a Professional Engineer with Practising Certificate (PEPC) and an ASEAN Chartered Professional Engineer (ACPE).

Ir. Shah Izzni Talif is the current Managing Director of RPM Engineers Sdn Bhd. He started his career 15 years ago in Australia in the field of geotechnical engineering and continued his journey as a professional engineer in Malaysia since 2012. In RPM Engineers Sdn Bhd, Ir. Shah had the opportunity to work in the field of water resources management and distribution, flood mitigation as well as agricultural irrigation and drainage systems. His most recent large scale agricultural related project was in Suriname for paddy production and management.

Register now at www.myiem.org.my

Chairman,
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**REGISTRATION FORM
ONE DAY COURSE ON
“PLANNING AND DESIGN PROCESSES FOR
AGRICULTURAL IRRIGATION AND DRAINAGE (PADDY)**

Date : 24th August 2022 (Wednesday)

Closing Date : 19th August 2022

NO online registration will be allowed after the Closing Date

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

PAYMENT DETAILS:

Cash RM _____

Cheque no.____for the amount of RM_(nonrefundable) and made payable to “**THE INSTITUTION OF ENGINEERS, MALAYSIA**” and crossed ‘**A/C Payee Only - Bank Account No. : 232-303-9110 Bank Name: United Overseas Bank (UOB) - (Should payment is made, kindly email the ‘bank-in-slip’ to IEM for verification before the event)**

FULL PAYMENT must be settled before commencement of the seminar, 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 nonrefundable. The Registration Fee includes lecture notes, refreshment and lunch.

For **ONLINE REGISTRATIONS**, please note that payment **MUST** be made **BEFORE the closing date**. If payment is not received within the stipulated time, the registration fee will be reverted to the normal registration fee.

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.

PERSONAL DATA PROTECTION ACT

I have read and understood the IEM’s Personal Data Protection Notice published on IEM’s website at <http://www.myiem.org.my>” and I agree to IEM’s use and processing of my personal data as set out in the said notice.