



# IEM

The Institution of Engineers, Malaysia



**35 pax only**

# HALF DAY SEMINAR ON HVAC SYSTEM : DX SYSTEM, VRF APPLICATION DUCTING DESIGN.

Organised By :  
Mechanical Engineering Technical Division, IEM

**TARGET PARTICIPANT!**

**FRESH GRADUATES, JUNIOR ENGINEERS,  
TECHNICIANS SEEKING STRONG  
FUNDAMENTALS**



*Speaker*

**Mr Wong Fook Kee**

Registration Fees (to include 8% SST)	RM
IEM Member/Graduate	250
Non Member	500

## Seminar Details



**Date:**  
11th April 2026  
(Saturday)



**Time:**  
9.00am - 1.00pm



**Venue:**  
METD Room, 2<sup>nd</sup> Floor  
Wisma IEM

BEM Approved CPD Hours : 4  
Ref No. : IEM25/HQ/619/S



**REGISTER NOW**

Time	Programme
8.30am	Registration Start
9.00am	Opening Remark by METD Chairman Ir. Dr. Ricky Liew Chee Leong
9.05am	Introduction of Speaker : Mr Wong Fook Kee
9.10am	System Identification—System & Equipment Efficiency
10.15am	Tea Break
10.30am	Benchmarking - Energy Management - Summary
12.45pm	Q & A Session
1.00pm	End of Seminar

## Speakers Biodata

*Mr Wong Fook Kee is a seasoned mechanical engineer with over 40 years of industry experience, specializing in HVAC systems, mechanical assemblies, and industrial maintenance. He has served as a technical trainer and consultant for various engineering firms and vocational institutions across Malaysia. Known for his practical teaching style and deep field knowledge, Mr. Wong has mentored hundreds of engineers and technicians in areas such as fluid handling, power transmission, and fault diagnosis. He is actively involved in professional development programs and is committed to elevating engineering standards through hands-on training and continuous learning.*

## Synopsis

*This half-day program introduces participants to essential HVAC system concepts, focusing on DX (Direct Expansion) systems, VRF (Variable Refrigerant Flow) applications, and ducting design fundamentals. The session highlights the operational principles of DX systems, emphasizing their efficiency in smaller-scale installations. It then explores VRF technology, showcasing its flexibility, zoning capabilities, and energy-saving potential for modern buildings. Practical ducting design is covered to ensure proper airflow distribution, reduced losses, and improved indoor comfort. By combining theoretical knowledge with applied design considerations, the training equips attendees with a clear understanding of system selection, application, and integration. The course is tailored for engineers, technicians, and facility managers seeking to strengthen their HVAC expertise in a compact, focused format, ensuring participants leave with actionable insights for real-world projects.*

**CHECK FOR MORE UPCOMING SESSION BELOW!**

# UP COMING SESSIONS

1. *9th May 2026 – Large Commercial System Design*
2. *13th June 2026 – HVAC Controls & Automation*
3. *11th July 2026 – Sustainability & Energy Recovery*
4. *8th August 2026 – Testing, Commissioning & Project Management*
5. *12th September 2026 – Aftermarket Support & Maintenance*
6. *10th October 2026 – Advanced Applications in HVAC*
7. *14th November 2026 – Ecological & Net-Zero HVAC Solutions*
8. *12th December 2026 – Green Building & Emerging Trends*

## **Disclaimer:**

**Classes are scheduled on the 2nd Saturday of each month. In the event of a public holiday (PH) falling on that date, the session will be rescheduled to the following Saturday.**