



IEM

The Institution of Engineers, Malaysia

HALF DAY SEMINAR ON HVAC SYSTEM : FANS, AHUS, HYDRONIC PUMPING & PIPING.

Organised By :
Mechanical Engineering Technical Division, IEM

TARGET PARTICIPANT!

FRESH GRADUATES, JUNIOR ENGINEERS,
TECHNICIANS SEEKING STRONG
FUNDAMENTALS

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



35 pax only



Speaker

Mr Wong Fook Kee

Seminar Details



Date:
9th May 2026
(Saturday)



Time:
9.00am - 1.00pm



Venue :
METD Room, 2nd Floor
Wisma IEM

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



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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	Basic Theory of Site Measurement
10.15am	Tea Break
10.30am	Air side & Water side Systems
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 session provides a comprehensive overview of key HVAC system components, focusing on fans, air handling units (AHUs), and hydronic pumping and piping systems. Fans are introduced as the primary drivers of airflow, ensuring proper ventilation and distribution across building spaces. The role of AHUs is explored in detail, highlighting their function in conditioning, filtering, and delivering clean air to maintain indoor comfort and quality. Hydronic systems are then examined, emphasizing the importance of pumps and piping in circulating chilled or heated water efficiently throughout the building. Participants will gain insights into design considerations, energy efficiency, and system integration, learning how these elements work together to achieve reliable performance. By connecting airflow management with hydronic distribution, the session equips attendees with practical knowledge to optimize HVAC operations, reduce energy consumption, and enhance occupant well-being. This holistic approach ensures a solid foundation in both air-side and water-side HVAC fundamentals.

CHECK FOR MORE UPCOMING SESSION BELOW!

UP COMING SESSIONS

1. 13th June 2026 – HVAC Controls & Automation
2. 11th July 2026 – Sustainability & Energy Recovery
3. 8th August 2026 – Testing, Commissioning & Project Management
4. 12th September 2026 – Aftermarket Support & Maintenance
5. 10th October 2026 – Advanced Applications in HVAC
6. 14th November 2026 – Ecological & Net-Zero HVAC Solutions
7. 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.