

VIRTUAL HALF DAY SEMINAR ON HVAC SYSTEM : CONTROL LOOPS BAS ARCHITECTURES, PLANT AUTOMATION STRATEGY.



35 pax only

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	125
Non Member	250



Speaker

Mr Wong Fook Kee

Seminar Details

- ✓ **Date:**
13th June 2026
(Saturday)
- ✓ **Time:**
9.00am - 1.00pm
- ✓ **Venue :**
Virtual Platform, Zoom

BEM Approved CPD Hours : 4
Ref No. : IEM26/HQ/102/S



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Time	Programme
8.30am	Registration Start
9.00am	Opening Remarks by METD Chairman Ir. Dr. Ricky Liew Chee Leong
9.05am	Introduction of Speaker : Mr Wong Fook Kee
9.10am	Control Action Analysis - Control & Controlled Devices
10.15am	Tea Break
10.30am	Type of Control System - DDC Control Theory - Control Points Classifications - Ponds List & DDC Design for HVAC Equipment
12.45pm	Q & A Session
1.00pm	End of Seminar

Speaker's 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 seminar introduces participants to the fundamentals of HVAC system control loops and Building Automation System (BAS) architectures. It explores how control strategies ensure efficiency, comfort, and reliability in modern facilities. Key focus areas include plant automation strategies, integration of BAS with HVAC equipment, and optimization techniques for energy management. Through practical examples and structured discussions, attendees will gain insights into designing, implementing, and maintaining automated HVAC systems that support sustainable building operations.