

# SEMINAR ON THE USE OF PASSIVE AND ACTIVE INITIATIVES IN THE CONSTRUCTION OF A GREEN HIGHRISE OFFICE BUILDING

18 February 2025

9.00 a.m. - 1.00 p.m.

Hotel Armada Petaling Jaya

## SYNOPSIS

The presentation will highlight the integrated design approach adopted by stakeholders through various passive and active initiatives in constructing a high performance building. The sustainable and energy efficient features of Menara Kerja Raya building, in particular the Mechanical & Electrical system design and the selection of equipment which had primarily contributed towards a low electrical energy consuming building. In addition, an effective operation and maintenance strategy is crucial to optimize high performance building operation and to ensure continuous comfort of occupants.

## PROGRAMME

8.30 a.m.	Registration
9.00 a.m.	Introduction of Passive & Active features of the building
10.30 a.m.	Tea break
10.45 a.m.	Operation and Maintenance strategy for the high performance Green building
12.30 p.m.	Q&A
1.00 p.m.	End of seminar / Lunch

## SPEAKER'S BIODATA



**Ir. Gopal Narian Kutty** holds a Bachelor of Science (Hons) degree in Mechanical Engineering from University of Strathclyde, Scotland. He also holds a Masters in Science from UMIST (England) in Construction Project Management. Ir. Gopal was with Public Works Department of Malaysia for 34 years involved in Project Design, Construction & Management. He was the Senior Director of Mechanical Engineering Branch and Director of Environmental and Energy Efficiency Branch of JKR Malaysia. He was the Vice President of IEM and was a Board Member with the Board of Engineers Malaysia. A registered Professional Engineer with Practicing Certificate, Hon. Fellow of ASEAN Federation of Engineering Organization (AFEO), Fellow member of IEM, Hon. Fellow of MAESCO and a Registered Electrical Energy Manager (REEM) with ST. He was the National Project Director for Building Sector Energy Efficiency Program (BSEEP) funded by UNDP and has vast experiences in Mechanical design, Sustainability Construction, Conservation & Energy Efficiency fields.

## REGISTRATION FEE

ACEM member firms	RM 300.00 per person
Others	RM 400.00 per person

**BEM APPROVED CPD: 4 HOURS**



**SCAN TO  
REGISTER**

*(E-certificate of attendance will be issued, subject to full attendance.)*

Please click link <https://kiksini.my/QGzKo> or scan QR code for online registration.

For further enquiries, please contact the ACEM secretariat at tel. 012-5290031 or e-mail to [vivien@acem.com.my](mailto:vivien@acem.com.my).