

The 15th Raja Tan Sri Ir. Zainal Lecture

# “HOW DO WE PREPARE OURSELVES FOR THE AI AND ROBOTICS (AIR) ERA?”

**Ir. PROF. DATO' DR.  
EWE HONG TAT**



**28 NOV 2026  
SATURDAY**



**2.00PM - 4.00PM**



**MALAKOFF AUDITORIUM,  
WISMA IEM**

**Registration Fees:**

Student Members : Free

IEM Members : RM 15.00

IEM Non Members : RM 70.00

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**BEM Approved CPD: 2  
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## SYNOPSIS

**In the emerging era of AI and Robotics (AIR), the access to AI and robotics services is to be as common, universal and affordable like the air we breathe every moment. In spite of such convenience and a broad range of services available, people may take it for granted and forget to train and exercise themselves mentally, intellectually and physically and are not certain how to prepare themselves for this ever-changing world. The talk focuses on the trend of occupations over the agricultural and industrial revolutions, the change in the knowledge hierarchy and skills needed. It will also elaborate how growth mind set, empathy and lifelong learning will be the driver to face and overcome the challenges faced and how the power of mind and kindness will address the gaps between the human network, AI and Robotics world.**

## SPEAKER'S BIODATA

Professor Ewe Hong Tat obtained his Bachelor of Engineering (1st Class Hons) degree in Electrical Engineering from University of Malaya, Malaysia, Masters of Science degree in Electrical Engineering and Computer Science from M.I.T., USA and PhD degree from Multimedia University, Malaysia. He had worked before in Motorola Penang, Intel Penang, MIT's Research Laboratory for Electronics, University of Malaya and Multimedia University (MMU) where his last position held in MMU was Vice President (Academic). He is currently the President/CEO of Universiti Tunku Abdul Rahman (UTAR) and also a Senior Professor of Lee Kong Chian Faculty of Engineering and Science of UTAR. He was also the recipient of a number of awards including The Young Scientist Award of URSI (International Union of Radio Science) in 1996, The Outstanding Young Malaysian Award 2005 for Academic Leadership and Accomplishment, and The Toray Science and Technology Award by Malaysian Toray Science Foundation in 2011. He is currently an Educational Counsellor and Regional Chair (Malaysia) of MIT Educational Council, President and Fellow of ASEAN Academy of Engineering and Technology (AAET), Fellow of Academy of Sciences Malaysia (ASM), former Council Member of Malaysia Qualifications Agency (MQA) from 2013-2018, Advisory Judge of Asia Pacific ICT Alliance Awards and also former President of MIT Club of Malaysia. In publication, he has published in books, international journals and conferences and newspaper column articles. His research interest includes microwave remote sensing, satellite image processing, wireless sensor network and intelligent computing. He is also active in consultancy and technopreneur development works and was a consultant/advisor for several listed and startup companies in Malaysia.