

# Webinar Talk on Demystifying Autonomous Vehicles: Capabilities, Implications, Opportunities and the Path to Autonomous Readiness

Organised By :

Information & Communications Technology  
Special Interest Group (ICTSIG), IEM

*Speaker*

## REGISTER NOW



**13rd August 2025  
3pm - 5pm**



**Virtual -  
Zoom Platform**



**Ir. Kumaresan  
Magaswaran**

### Registration fee

**Student Member: Free**

**IEM Member: RM15.00**

**Non-Member: RM70.00**

BEM Approved CDP: 2.0  
Ref. No.: IEM25/HQ/277/T (w)

## Synopsis

This talk will explore the world of autonomous vehicle technology. We will begin by explaining what autonomous vehicles truly are, moving beyond the hype to a clear understanding of their capabilities and limitations. Subsequently, we will dive into the implications of widespread autonomy across various sectors, from urban planning and infrastructure to job markets and personal freedom. Following this, the session will also highlight the significant opportunities that autonomy presents for individuals, businesses, and nations, particularly in fostering innovation and economic growth. Finally, we will discuss the critical shift towards autonomous readiness, emphasizing the need for proactive engagement, policy development, and societal adaptation to fully embrace this transformative era. The objectives of the talk are to create awareness on the disruption and opportunity of Autonomous vehicles.

## Speaker's Biodata

Ir. Kumaresan Magaswaran is the Ecosystem Manager of the Autonomous Vehicle eXperimental Lab (AVXL) at MRANTI Corporation Sdn. Bhd., holding the mandate to accelerate the commercialization and adoption of autonomous vehicle technologies in Malaysia. Prior to that he was an academician for a decade at a highly acclaimed technology university after being an engineer in a FMCG multi-national manufacturing company. A professional engineer certified by the Board of Engineers Malaysia (BEM) and the Institute of Mechanical Engineers (IMechE)UK. He was also involved in an initiative in a Malaysian university to embed the entrepreneurial DNA in its students and staff. Deploying technical knowledge and business acumen, Ir. Kumaresan and his team is actively advocating future mobility as a tool of people empowerment for the next developmental wave in Malaysia.