

# Technical Visit to “MRANTI's Autonomous Vehicle Experiential Lab (AVXL)”

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

**Date** : 02nd October 2025 (Wednesday)  
**Time** : 9.00am – 1.00pm  
**Address** : MRANTI Park, Bukit Jalil, Kuala Lumpur  
Autonomous Vehicle Experiential Lab (AVXL)  
**Transport** : Transportation provided  
(Departure from Wisma IEM)

*BEM Approved CPD/PDP Hours: applying*

*Ref. No.: applying*

## Itinerary of the visit

**08.30am : Registration at Wisma IEM**  
**09.00am : Depart to MRANTI HQ.**  
**09.30am : Arrival at Lobby**  
**09.30am : Presentation by Representative Autonomous Vehicle Experiential Lab (AVXL)**  
**11.30am : Q&A Session with Representative Autonomous Vehicle Experiential Lab (AVXL)**  
**12.30pm : Visiting Utility Building**  
**01.00pm : End of visit & Depart to IEM**

## Synopsis.

MRANTI is Malaysia's national central agency for research-to-commercialisation acceleration, under the Ministry of Science, Technology and Innovation (MOSTI). It plays a pivotal role in transforming high-impact technologies into market-ready solutions. One of its flagship innovation testbeds, AVXL, is a first-of-its-kind infrastructure dedicated to the safe and structured development of autonomous vehicle technologies in Malaysia.

AVXL offers a comprehensive real-world test environment, featuring:

- A 12-kilometre live urban route simulating real traffic and road conditions;
- An enclosed multi-storey car park for sensor calibration and confined-space testing;
- 5G network integration to support Vehicle-to-Everything (V2X) communications;
- A command-and-control centre for centralized testing and vehicle data telemetry;
- A digital twin simulation lab enabling virtual validation and AI-driven scenario testing.

This visit presents a unique opportunity for IEM members to directly explore and engage with one of Malaysia's most advanced mobility testbeds. The AVXL platform is not only critical to Malaysia's national AV-as-a-Service (AVaaS) development framework, but also supports broader efforts in smart mobility, urban innovation, and automated systems validation.

## Why Join This Visit?

- ◆ See future mobility in action
- ◆ Learn from Malaysia's innovation leaders
- ◆ Network with experts and collaborators
- ◆ Get inspired to pursue careers or research in autonomous systems

### Commitment fees (inclusive SST)

**Non Refundable & non transferable**

**IEM Member : RM 50.00**

**Non IEM Member : RM 70.00**

**LIMITED TO (30) PARTICIPANTS ONLY**



#### PERSONAL DATA PROTECTION ACT

**I have read and understood the IEM's Personal Data Protection**

**Notice published on IEM's website at**

**<http://www.myiem.org.my> and I agree to IEM's use and processing of my personal data as set out in the said notice.**

- The visit is strictly limited to only **thirty (30)** participants registered on a first come first pay basis.
- Interested members could register and pay online at IEM website (<http://www.myiem.org.my>); or register by returning the appended registration form by **25<sup>th</sup> Sept 2025** together with the payment.
- Cheques are to be made payable to "The Institution of Engineers, Malaysia".
- After this closing date, IEM reserves the right to allocate seats on first come first pay basis.
- Members are also reminded that if a place is reserved, IEM may cancel the reservation if payment is not received.
- If IEM maintained the reserved seat and the intending participant failed to attend the visit on the date of the event, the fee will still have to be settled in full.

**CALL : 03-7890 0134**

**MORE CONTACT INFO:**

[www.myiem.org.my](http://www.myiem.org.my) /  
[nursyazliza@iem.org.my](mailto:nursyazliza@iem.org.my)  
[roselein@iem.org.my](mailto:roselein@iem.org.my)

*Reply Form*

### Technical Visit To Technical Visit to "MRANTI's Autonomous Vehicle Experiential Lab (AVXL)"

I wish to participate in the above Technical Visit to "MRANTI's Autonomous Vehicle Experiential Lab (AVXL)" on **2nd Oct 2025 (Thursday)**.

I enclose herewith Cash / Cheque No ..... for the amount of RM50.00 / RM70.00 as my commitment fee for the visit.

**Name of Member:** \_\_\_\_\_ **M'ship No :** \_\_\_\_\_ **Grade:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**Tel (Off./Res):** \_\_\_\_\_ **Mobile :** \_\_\_\_\_

**Company's name:** \_\_\_\_\_

**I/C No. of participant :** \_\_\_\_\_

**I will be participating in the visit at my own risk and hereby indemnify fully the IEM from all claims arising from any injury, damage or loss that may be sustained by me.**

**Date :** \_\_\_\_\_ **Signature:** \_\_\_\_\_

**(Photostat copies are acceptable)**