



THE INSTITUTION OF ENGINEERS, MALAYSIA

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TECHNICAL VISIT TO “MARii DESIGN CENTRE (MADeC) and MARii ACADEMY OF TECHNOLOGY”

Organised by
Information and Communications Technology Special Interest Group (ICTSIG), IEM

BEM Approved CPD/PDP hours: 4 Ref. No: IEM20/HQ/159/V

Date	:	14 th September 2020
Time	:	9.00 am – 01.00 pm
Venue	:	MARii Design Centre (MADeC) and MARii Academy of Technology No 5-7, Jln Kesidang 1, 48200 Rawang, Selangor
Transport	:	OWN TRANSPORT

Commitment fees (Non refundable & non transferable)

IEM Member : RM 50.00
Non Member : RM 80.00

(STRICTLY REGISTRATION AND PAYMENT VIA IEM ONLINE)

SYNOPSIS ABOUT THE MARii DESIGN CENTRE (MADeC)

Malaysia Automotive, Robotics & IoT Institute (MARii) is an agency under the Ministry of International Trade and Industry (MITI). Serving as the focal point, coordination centre and think tank for the nation’s automotive industry, it functions to enhance technology, human capital, supply chain, market outreach and aftersales capabilities of all automotive stakeholders and ecosystems.

MARii’s main objective is to enhance the competitiveness of the automotive industry and overall mobility including Intelligent Transportation Systems (ITS) and Related Services through the adoption of robotics & IoT.

MARii facilities are located in several locations around Malaysia. With areas of interest for this visit:

1. **Automotive (including hybrid, CATIA)**
2. **Robotics**
3. **Internet of Things (IoT)**
4. **Addictive manufacturing (3D Printing)**

The Institution of Engineers Malaysia is visiting the **MARii Design Centre** and **MARii Academy of Technology** in Rawang.

MARii Design Centre is established with the purpose of enhancing the implementation of Industry 4.0 in the Malaysian automotive industry specifically in the areas of design engineering, simulation and prototyping. It is a product of Government-Industry cooperation between MARii, PERODUA and their vendors. It is an open sharing Industry 4.0 platform, whereby any OEM and vendors from various tiers can leverage on the hardware and software available, such as the Fused Deposited Material 3D Printer, Selective Laser Sintering (SLS) 3D Printer for the additive manufacturing, Augmented Reality, the MARii High Performance Computing Server and more.

The Centre will also enable the automotive industry to conduct simultaneous engineering between the OEM and their vendors during the product development stage of a new model. This will assure quality, and improve productivity of new model development thus ensuring good user-experience in the finished product.

The facilities at MARii Design Centre are well equipped with technologies to cut across other industries, such as the aerospace industry and the larger transportation sector.

MARii Academy of Technology is a technology commercialization centre to undertake technology transfer, validation and adoption of automation practices. The electric bus homologation, robotic programming and 3D printing capabilities are some of the technologies commercialization activities being undertaken at MARii Academy.

ITINERARY

TIME	ACTIVITIES
8.30 am – 9.00 am	Arrival at Malaysian Automotive Robotics and IoT Institute (MARii) – Design Centre
9.00 am – 10.00 am	Introduction of the institute
10.00 am – 11.30 pm	Visit to MARii Design Centre
11.30 pm – 1.00 pm	Visit to MARii Academy of Technology
1.00pm	Dismiss



- The visit is strictly limited to **30 participants** registered on a first-come, first-served basis.
- Interested participants are to register and pay online at www.myiem.org.my or register by returning the appended registration form **before 10TH SEPTEMBER 2020** together with the payment.
- Cheques are to be made payable to **The Institution of Engineers, Malaysia**.
- Please note that the commitment fee must be settled prior to the visit.
- After this closing date, IEM reserves the right to allocate seats on first come first pay basis.
- Members are also reminded that IEM **MAY** cancel the reservation if payment is not received before the closing date.
- 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

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.

"IEM reserves the right to alter or cancel the programme due to unforeseen circumstances at its discretion'. For intending participants who choose to 'walk in without prior registration', IEM SHALL NOT be responsible for any direct or consequential losses"

REPLY SLIP

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TECHNICAL VISIT TO "MALAYSIA AUTOMOTIVE ROBOTICS and IoT INSTITUTE"

I wish to participate in the above visit on **14 September 2020**. I enclosed herewith a cheque No.....for the amount of RM..... as my commitment fee for the visit.

Name:..... Membership No:.....

Grade:..... Company:.....

Designation:..... Contact Number:..... NRIC:

Email Address:..... Address:.....

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)