



December 04, 2024

**PROF. ALIZEDNEY M. DITUCALAN, JD, LLM**  
University Chancellor

Through: **PROF. MARK ANTHONY J. TORRES, Ph.D.**  
Vice Chancellor for Strategic Initiatives

**PROF. DANTE D. DINAWANAO**  
Director, Center for Information and Communication Technology

Subject: *Request for ICT system design in monitoring and filtering entry of emission tested vehicles and trace location of MSU-IIT Constituents inside the campus*

Dear Chancellor Ditucalan,

We would like to thank your leadership for the wonderfully constructed entrance infrastructure that is about to be finished and the plan to electronically monitor the entry of people and vehicles inside the campus.

In connection to electronically monitor the entry of people and vehicles inside the campus, we would like to propose an ICT system design that will contribute to climate change mitigation, improve disaster response, safety for the MSU-IIT constituents and plus points to our Times Higher Education (THE) standing.

Below is our specific recommendations for the upcoming university gate opening:

**1. Vehicle Screening and Tracking:**

- Implement a system to scan and record all vehicles entering the campus
- Capture and store essential data such as: driver's ID, plate number, and emission test validity for the purpose in identifying vehicles with expired emission tests, facilitating real-time enforcement of emission standards and preventing smoke-belching vehicles from entering
- Monitor to gather GreenHouse Gas (GHG) emission from vehicles

**2. Real-time Location Tracking:**

Activate the chip embedded in the new University IDs as GPS trackers to monitor the location of campus constituents, (faculty, staff, and students) in real time. This technology will be crucial for rapid emergency response and evacuation procedures should natural disasters or other unforeseen incidents occur.

Should you want to have any questions please feel free to contact me at 09177128842 or at [peter.suson@q.msuiit.edu.com](mailto:peter.suson@q.msuiit.edu.com)

Sincerely yours,

A handwritten signature in black ink, appearing to read 'Peter D. Suson'.

**PETER D. SUSON, DiSDS**  
Director