



IEEE 4th International Conference on Computing and Machine  
Intelligence  
April 05-06, 2025  
Central Michigan University

# CERTIFICATE

## of Participation

**This certificate is presented to**  
**Ayat Najjar**

**For participating and presenting the  
paper titled:**

**Predictive Maintenance of Urban Metro Vehicles:  
Classification of Failures Using Machine Learning**

A handwritten signature in blue ink, appearing to read "Ah", located below the title of the paper.

**General Chair**  
**Ahmed Abdelgawad, PhD**