



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

# CERTIFICATE

## of Participation

**This certificate is presented to**  
**Quazi Rian Hasnaine**

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

**GPU vs. CPU: A Comparative Study of**  
**Performance, Architecture, and NVIDIA's**  
**Innovations in Modern Computing**

A handwritten signature in blue ink, appearing to be "Ah".

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