



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

CERTIFICATE

of Participation

This certificate is presented to
Hanan Shukur

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

**AI-Driven Adaptive Learning Systems:
Personalizing Education Through Dynamic
Difficulty Adjustment**

A handwritten signature in blue ink, appearing to read "Ah", located above the name of the General Chair.

General Chair
Ahmed Abdelgawad, PhD