



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

CERTIFICATE

of Participation

This certificate is presented to
Haider Ali

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

**The Impact of Data Augmentation on Deepfake
Detection: A Comparative Study of CNN and
Transformer Models**

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

General Chair
Ahmed Abdelgawad, PhD