



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

CERTIFICATE of Participation

This certificate is presented to
Raj Kashikar

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

**Meta-Reinforcement Learning for Emergent Multi-
Agent Languages in Zero-Shot Coordination Tasks**

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

General Chair
Ahmed Abdelgawad, PhD