



# CERTIFICATE OF REVIEWER RECOGNITION

**This is to certify that**

**Mr. SAGNIK DE**

has completed the following article review:

**“Human-in-the-Loop Reinforcement Learning to Track Excavation Paths for a Hydraulic Excavator in a Short Period of Time”  
(March 2025)**

For publication in  
*IEEE Access*

2025

**IEEE Access®**

Multidisciplinary :: Rapid Review :: Open Access Journal



A handwritten signature in black ink that reads 'Jenny Mahoney'.

---

Jenny Mahoney, PhD.  
Managing Editor, IEEE Access