

# Certificate of Recognition

is proudly presented to

**Abu Mukaddim Rahi**

---

N A M E

**Fine-Tuning LLaMA-3.2-3BIT on Bengali Hate Speech Dataset for Sentiment Classification**

participation and presentation of the paper titled

for the IEEE Conference on Secure and Trustworthy CyberInfrastructure for IoT and Microelectronics (SaTC 2025) co-organized by Wright State University and Central Michigan University in Dayton, Ohio.

25 February 2025



*Amsaad, F. H.*

---

Fathi Amsaad, PhD  
General Chair