

# CERTIFICATE

OF PARTICIPATION

No. 3.1876/UMDP/IX/2022

This is to certify

**Junaid Yousaf**

has presented a reserach

"Hate Speech Detection Using Machine Learning and N-Gram  
Techniques"

at the 2<sup>nd</sup> International Conference on Advanced Information Technology  
and Communication (IC-AITC) held on 26 September 2022  
at Universitas Multi Data Palembang



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