



# CERTIFICATE

## OF PARTICIPATION

This is to certify that

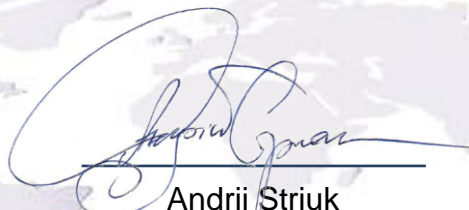
**S P Palamar**

has presented a paper titled

**AI tools for sustainable primary teacher education:  
literary-artistic content generation**

at the 5<sup>th</sup> International Conference on Sustainable Futures:  
environmental, technological, social and economic matters (ICSF 2024)

May 21-24, 2024 at Kryvyi Rih National University, Kryvyi Rih, Ukraine



Andrii Striuk  
ICSF 2024 General Chair