



CERTIFICATE OF APPRECIATION

This is to certify that **Mr. Joshua Miguel N. Manao**
of **Polytechnic University of the Philippines, Manila**
has presented a paper titled
Emerging Technologies in the Philippines: Internet of Things (IoT)
at the Fifth International Conference on Intelligent Computing and Optimization,
ICO 2022 held via Online Zoom in Webinar on October 27-28, 2022.



**5th International Conference on Intelligent Computing and Optimization
Held Virtual Platform at Zoom in Webinar on October 27-28, 2022**



Dr. Pandian Vasant, Prof. Gerhard Wilhelm Weber, Prof. Elias Munapo,
Prof. Jose Antonio Marmolejo Saucedo, Dr. Joshua Thomas
Volume Editors for LNNS Springer Nature
ICO'2022
<https://www.icico.info/>

