

VSP-M

Council Of Deans In Information Technology Education  
Philippine Society Of Information Technology Educators Foundation, Inc.  
Davao Region


# CERTIFICATE OF PARTICIPATION

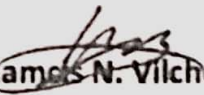
is given to

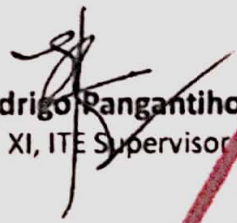
Yvonne Grace Arandela

for the valuable support and significant contribution as **Paper Presentation** participant during  
the IT Research Congress for Academic Year 2021 -2022 held at  
Mapua Malayan Colleges Mindanao, Gen. Douglas MacArthur Highway, Davao City.

Given this 7<sup>th</sup> day of July 2022.

  
Engr. Eugene P. Iglesias  
PSITE XI, President

  
Dr. Ramon N. Vilchez  
CDITE XI, President

  
Engr. Rodrigo Rangatihon Jr.  
CHED XI, ITE Supervisor



# CERTIFICATE OF APPRECIATION

is given to

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as presenter to the paper entitled


## **Productivity Analysis of Online Learning and Students Performance Using UVE Data**

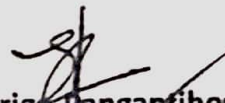
(Authors: Earl John Abdule, Yvonne Grace Arandela, Raschelle Cossid)

during the IT Research Congress for Academic Year 2021 -2022 held at  
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