

# **International Conference on Trends and Innovations in Smart Technologies (ICTIST'22)**

## **CERTIFICATE OF PARTICIPATION**

This certificate is presented to

**Abdelhak Keddouda**

For presenting the paper entitled

**Modeling and Prediction of Photovoltaic Power Output using Artificial Neural Network Considering Ambient Conditions**

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Dr. Mariya Ouaisa  
**General Chair**

