



# CERTIFICATE OF APPRECIATION



PROUDLY PRESENTED TO

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*In appreciation of your participation as author of a research paper entitled :*

**Error Optimization in Random Number Generation Using ABC Algorithm**

*in The first International Conference on Modern Trends of Information and Communication Technology Industry (MTICTI-2021), that held in Alrazi University , Sana'a. Yemen, during 4-6 December, 2021*

Prof Dr. Khalil Saeed Al-Wagih  
General Chair of MTICTI-2021



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