

## Certification of Participation

This is to Certify that

**MD. ASHADUZZAMAN NILOY**

Has presented the Paper Titled

*“Chaotic Singer Grasshopper Optimization Algorithm for Solving Combined Economic and Emission Dispatch”*

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At the 5<sup>th</sup> International Conference on Electrical Engineering and Information & Communication Technology (ICEEICT), held at Military Institute of Science and Technology (MIST), Dhaka, Bangladesh

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