



# Certificate of Presentation of Paper

*This is to certify that the paper entitled*

**A Performance Analysis of Deep Convolutional Neural Networks using Kuzushiji Character Recognition**

*by Harshil Shah; V Manjula*

*has been presented at the*

*The International Conference on Decision Aid Sciences and Applications (DASA'20)*

*Organized by the University of Bahrain*

*8-9<sup>th</sup> November 2020 (Online)*



A handwritten signature in black ink, appearing to be 'Dr. M. R. Qader'.

**Dr. M. R. Qader**  
**Dean, Deanship of Graduate Studies and Scientific Research**