**Certificate of Approval**

We hereby recommend that the thesis prepared by Fahmeda Akter, Mst. Farzana Akhtar Lubna and Md Remon Hasan Apu entitled “ECG Arrhythmia Classification Using 1-D Convolution Neural Network Leveraging the Resampling Technique and Gaussian Mixture Model” is accepted as fulfilling the part of the requirements for degree of Bachelor of Science in Computer Science and Engineering.

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