Certificate

This is to certify that the Thesis entitled "**A Cascaded Toolkit for Secure Data Transmission**" is being submitted by Mr. Ramkrishna Das to the Vidyasagar University, Paschim Medinipur, West Bengal, India for the award of the degree of Doctor of Philosophy is a record of bonafide research work carried out by him under my supervision. The experimental results which are being presented in this Thesis have not been submitted to any other university or institute for the award of any other degree.

As per my opinion, the Thesis has reached the standard fulfilling the requirements for the award of the degree of Doctor of Philosophy in accordance with the regulations of the Vidyasagar University.

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