CERTIFICATE

This is to certify that the thesis entitled **"Design of Reversible Watermarking Techniques In Spatial Domain"** being submitted by **Sri Pabitra Pal** for the award of degree of **DOCTOR OF PHILOSOPHY** to the VIDYASAGAR UNIVERSITY is a record of bonafide research work carried out by him under our guidance and supervision. **Sri Pabitra Pal** has worked in the department of **Computer Science, Vidyasagar University** to the regulations of this University.

In our opinion, this thesis is of the standard required for the award of degree of **DOCTOR OF PHILOSOPHY IN SCIENCE**.

The results, embodied in this thesis, have not been submitted to any University or Institution for the award of any degree or diploma.

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