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This is to certify that the thesis entitled “***Characteristics and Diversity of Fish Germplasm and Water Bodies in Purba Medinipur District, West Bengal Using Geospatial Technology***” submitted by ***Mr. Nirupam Acharyya*** to Vidyasagar University, Midnapore, West Bengal, India, in partial fulfilment for the award of the degree of Doctor of Philosophy is a bona fide record of research work carried out by our supervision. The contents of this thesis, in full or in parts, have not been submitted to any other University for the award of any degree.

Date: 24/08/2020

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