

Professor Bidhan Chandra Patra,
Ph. D., D. Sc.



Department of Zoology,
Vidyasagar University,
Midnapore – 721102,
West Bengal, India.

email: bcpatra@yahoo.com

Ref. No.

Date:

CERTIFICATE

This is to certify that the research work embodied in 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* for the Degree of Doctor of Philosophy in Science of Vidyasagar University Midnapore, West Bengal, India is the record of original investigation carried out by him under our supervision and guidance. The thesis has fulfilled the standard as per the regulation of Vidyasagar University and the work is worthy for consideration for award of Ph.D. degree to him. This is also certifying that the title of the thesis is within the area of research. Further, I confirm that this work has not been submitted for any other degree or diploma to any University or Institute.

Date: 24/08/2020

Dr. Bidhan Chandra Patra
Professor
Department of Zoology
Vidyasagar University
Midnapore - 721102, W.B., India

(Professor Bidhan Chandra Patra)