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Certificate

This is to certify that the thesis entitled "BIOLOGY, CAPTIVE MATURATION AND BREEDING OF CHAMELEON DWARF, BADIS BADIS (HAMILTON, 1822) is a compilation of the results of research work carried out by Mrs. Mohua Dutta, PhD Registration No. 0980/Ph.D. (Sc.) under my guidance and supervision.

Mrs. Mohua Dutta is a research scholar of the Department of Fishery Sciences of Vidyasagar University. Her research work is fully original. The thesis or any of its part has not been submitted elsewhere for degree or distinction.

This is also certifying that Mrs. Mohua Dutta has fulfilled all the requirements of the Vidyasagar University Ph.D. regulations for submission of the thesis.

I am pleased to forward this thesis for consideration for the award of the Degree of Doctor of Philosophy in Science of Vidyasagar University.

(B. K. Mahapatra)