

UNIVERSITY OF NORTH BENGAL

DEPARTMENT OF ZOOLOGY

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P.O. North Bengal University,
Raja Rammohunpur, Dt. Darjeeling,
West Bengal, India, PIN - 734 013

Dr. Joydeb Pal

Date- 4.7.2008

Professor

This is to certify that Mr. Sumanta Bagchi has worked under my supervision in the Department of Zoology, University of North Bengal for Ph.D. the thesis entitled, "Haematological and immunological studies of epizootic ulcerative syndrome affected freshwater teleost, *Cirrhinus mrigala*". I am forwarding his thesis for the Ph. D. degree (Science) of the University of North Bengal.

I recommend that he has fulfilled all requirements according to the rules of the University of North Bengal regarding the works embodied in his thesis.

A handwritten signature in blue ink, appearing to read 'Joydeb Pal'.

(Joydeb Pal)