

# UNIVERSITY OF NORTH BENGAL

**DEPARTMENT OF ZOOLOGY**

DST-FIST & UGC-SAP Sponsored



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

Date: 7.10.2009.

This is to certify that Mr. Arindam Das has worked under our supervision in the Department of Zoology, University of North Bengal for Ph.D. thesis entitled, "**Studies on R-plasmid in Bacteria isolated from Epizootic Ulcerative Syndrome (EUS) affected fish**". We are forwarding his thesis for the Ph.D. degree (Science) of the University of North Bengal.

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

*Dipanwita Saha*

(Dr. Dipanwita Saha)

Department of Biotechnology

University of North Bengal

*Joydeb Pal*

(Prof. Joydeb Pal)

Department of Zoology

University of North Bengal

*Dr. Dipanwita Saha*  
Lecturer in Biotechnology  
University of North Bengal