



# UNIVERSITY OF NORTH BENGAL

CENTRE FOR LIFE SCIENCES

NORTH BENGAL UNIVERSITY 734430  
WEST BENGAL, INDIA.

Professor Bikas Chandra Pal,  
Sc.D. (Johns Hopkins)

I certify that Sri Debasish Sinha has worked under my guidance in the Centre for Life Sciences, University of North Bengal for his Ph.D. studies entitled, "Ethno-zoological studies of the Sub-Himalayan tribal area of North Bengal with emphasis on Ecology and Bio-energetics of the Totos." I am forwarding his thesis for Ph.D. degree (Science) of the University of North Bengal.

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

*Bikas Chandra Pal*

19-2-88

PROFESSOR  
CENTRE FOR LIFE SCIENCES  
University of North Bengal