

Certificate of Supervisors

**University of North Bengal**



**PO: Raja Rammohunpur, Dist.: Darjeeling  
West Bengal, INDIA, Pin: 734430**

This is to certify that the work presented in the thesis entitled "Identification of nickel resistance genes in suitable Gram-negative bacterial isolates with reference to the physico-chemical and sanitary status of River Torsa", is the original work of Mr. Bhaskar Bhadra, M. Sc., under our supervision at Department of Botany & Department of Chemistry, North Bengal University. The results incorporated in the thesis have not been submitted for any other degree elsewhere.

Further we certify that Mr B. Bhadra has followed the rules and regulations laid down by the university in carrying out the research.

Handwritten signature of Dr. Ranadhir Chakraborty in blue ink, with the date 25.7.05 written below it.

**(Dr. Ranadhir Chakraborty)**

PI & Head,

Department of Biotechnology

e-mail: rcnbu2003@yahoo.com

**Head**

**Department of Biotechnology**

**University of North Bengal**

**Pin-734430 (W.B.)**

Handwritten signature of Dr. Ashis Kumar Nanda in blue ink, with the date 23.07.05 written below it.

**(Dr. Ashis Kumar Nanda)**

Co-PI & Reader,

Department of Chemistry

e-mail: ashisnanda@hotmail.com

**READER OF CHEMISTRY,**

**University of North Bengal**