



DEPARTMENT OF BIOTECHNOLOGY

PG Department sponsored by DBT, G.O.I.

University of North Bengal

P.O. NORTH BENGAL UNIVERSITY
RAJA RAMMOHUNPUR, SILIGURI - 734013
DIST. DARJEELING, WEST BENGAL, INDIA.

Ref. No.....

Dated.....200...

July 10, 2009

16

TO WHOM IT MAY CONCERN

This is to certify that Mr. Anirudra Gung has carried out his research work under my supervision. His thesis entitled “**Characterization of *Acidithiobacillus ferrooxidans* strains from mineral occurrence sites of Darjeeling Himalaya with special emphasis on genomic location and activity of insertion sequences**”, is based on his original work and is being submitted to the University of North Bengal for the award of Doctor of Philosophy (Science) degree in Botany, in accordance with the rules and regulations of the University of North Bengal.



16.7.09
Dr. Ranadhir Chakraborty

Head

Department of Biotechnology

HEAD

Department of Biotechnology
University of North Bengal