



**DEPARTMENT OF BIOTECHNOLOGY**  
PG Department sponsored by DBT, G.O.I.  
**University of North Bengal**

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Ref. No.....

Date.....5/10/.....2015.

### CERTIFICATE

I certify that Ms. Moushree Pal Roy has prepared the thesis entitled “**Isolation, characterization, molecular gene cloning and expression of novel bacterial phytase from environmental samples**” for the award of the Ph.D. degree of the University of North Bengal under my guidance. She has carried out the whole work in the Department of Biotechnology, University of North Bengal.

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