



**UNIVERSITY OF**  
**North Bengal**

DEPARTMENT OF BIOTECHNOLOGY

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Ref. No. ....

Dated 16.12.2005.....

*Certificate of Supervisor*

This is to certify that the work presented in the thesis entitled '*Studies on Antibiotic Resistance patterns of Bacterial Population of Torsa River Water and Molecular Characterization vis-à-vis Assessing the Potential for Genetic Exchange of Resistance Plasmids*' is the original work of Smt. Shriparna Mukherjee, M. Sc., under my supervision at the Department of Botany, North Bengal University. The results incorporated in the thesis have not been submitted for any other degree elsewhere.

Further, I certify that Smt. Shriparna Mukherjee has followed the rules and regulations laid down by the university in carrying out the research.



16.12.05

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