

# Certificate

I, **Oinam Jayalakshmi Devi**, certify that this thesis is the result of research work done by me under the supervision of **Prof. S. L. Belagali** at Department of Studies in Environmental Science, University of Mysore, Manasagangotri, Mysore - 570 006. I am submitting this thesis for possible award of Doctor of Philosophy (Ph. D.) degree in Environmental Science of the University of Mysore.

I further certify that this thesis has not been submitted by me for award of any other degree of this or any other University.

*Signature of Doctoral candidate*

Signed by me on.....*[Signature]*.....*28-07-06*.....(date)

*[Signature]*  
*Signature of Guide*

Date: *28/7/2006*

Date: *28-07-06*

Counter signed by

*A. G. Devi Prasad 28/7/2006*

*Signature of Chairperson/Head of Department/*

*Institution with name and official seal*

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