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CERTIFICATE

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This is to certify that this thesis entitled 'Biochemical and molecular characterization of pathogenic vibrios from hatcheries and aquaculture farms' embodies the result of original work conducted by Badireddy Madhusudana Rao under my supervision and guidance from November 2004 to December 2008. I further certify that no part of this thesis has previously formed the basis for the award to the candidate, of any degree, diploma, associateship, fellowship or other similar title of this or any other University or society. He has passed the Ph.D qualifying examination of the Cochin University of Science and Technology, held in April 2006.

Place : Cochin

Date: 28-01-2010


(Dr P. K. SURENDRAN)